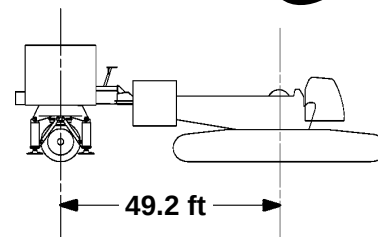


Liftcrane Luffing Jib Capacities

**Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
335,400 lb Wheeled Counterweight
at 49.2 ft Position
360 Degree Rating**



16000 MAX-ER



LIFTING CAPACITIES: Lifting capacities for various boom lengths, boom angles, luffing jib lengths, and luffing jib operating radii are for freely suspended loads and do not exceed 75% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (*).

Luffing Jib Backward Stability: Capacities indicated by (b) require 9,500 lb minimum weight suspended beneath luffing jib point. Capacities indicated by (c) require 16,000 lb minimum weight suspended beneath luffing jib point. Capacities indicated by (d) require 27,000 lb minimum weight suspended beneath luffing jib point. **Caution: Do not luff into areas indicated by (b), (c), or (d) without required minimum weights.** Luffing jib will not luff down and luffing hoist wire rope may overhaul luffing jib and cause luffing hoist to go slack causing wire rope damage or failure.

Wheeled counterweight must be attached to machine and MAX-ER mode must be selected to operate. Swing and travel (forward or side crawl) requires proper position of counterweight wheels when contacting ground. Refer to Operator's Manual for wheel positioning. Exit MAX-ER mode before operating without wheeled counterweight.

Upper luffing jib point capacity for liftcrane service with single part whip line is 30,000 lb or 60,000 lb with two part whip line. In all cases, upper luffing jib point capacities cannot exceed those listed for main luffing jib capacity.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc. beneath boom and luffing jib point sheaves is considered part of luffing jib load. Boom and luffing jib are not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

OPERATING CONDITIONS: Machine to operate on a firm uniformly supporting surface with mast up and bearing turntable level within a tolerance of 1/2 in. in 10 ft and properly supported. During operation, boom must be maintained at one of the selected angles shown in chart. Refer to luffing jib assembly **No. A13416**, Wire Rope Specification chart **No. 8771-A**, Counterweight Arrangement chart **No. 8682-A**, Luffing Jib Raising Procedure chart **No. 8761-A**, and Wind Conditions chart **No. 8688-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel,

wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to Operator's Manual for operating guidelines.

MACHINE TRAVEL: Machine to travel on a firm, level and uniformly supporting surface with boom and luffing jib within angle range shown in capacity chart. Refer to Swing and Travel Specification chart **No. 8762-A**.



OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block.



BOOM ANGLE: Boom angle in degrees (°) is angle between horizontal and centerline of boom butt and inserts.



LUFFING JIB ANGLE: Luffing jib angle in degrees (°) is angle between horizontal and centerline of luffing jib butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.



LUFFING JIB POINT ELEVATION: Luffing jib point elevation is vertical distance from ground level to centerline of luffing jib point shaft.

MACHINE EQUIPMENT: Machine equipped with MAX-ER, 34 ft crawlers, 60 in. treads, 32 ft live mast, 98.4 ft mast, 12 part boom hoist reeving, boom support straps, 17 part luffing jib hoist reeving, luffing jib and backstay support straps, 332,000 lb crane counterweight, two 30,000 lb and four 15,000 lb carbody counterweights, and wheeled counterweight as specified.

WARNING: Check amount of crane counterweight and wheeled counterweight on machine before use of this chart. Refer to Operator's Manual for counterweight identification.

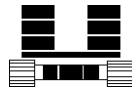
Boom and/or Jib Catwalks Deduct

Deduct 1,200 lb from capacities when boom and/or jib catwalks are attached.

Explanation of Symbols



Luffing Jib No. 59
+
Boom No. 58 Heavy Lift Top



Crane Counterweight
+
Carbody Counterweight



360 Degree Rating



Boom Length



Luffing Jib Length



Boom Angle
(see page 1)

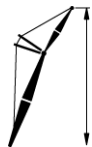
Explanation of Symbols (continued)



Operating Radius
(see page 1)



Luffing Jib Angle
(see page 1)



Luffing Jib Point Elevation
(see page 1)



Lifting Capacities
(see page 1)



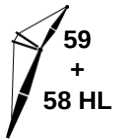
Wheeled Counterweight



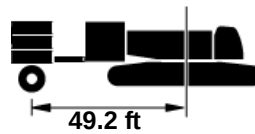
Wheeled Counterweight
Position from Axis of
Rotation

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



137.8 ft



78.7 ft

	86°			83°			80°			
	ft	o	ft	lb	ft	lb	ft	lb	ft	
45										45
50	71.6	221.4	408,900 * c							50
55	67.7	219.4	364,900 * b							55
60	63.6	216.9	328,000 * b	69.5	219.5	402,300 * b				60
65	59.4	214.0	298,500 * b	65.5	217.2	387,800 * b				65
	55.0	210.5	274,700 *	61.3	214.5	355,400 * b	67.2	217.0	395,300 * b	
70	50.3	206.4	255,100 *	57.0	211.3	322,600 *	63.2	214.5	382,200 * b	70
75	45.2	201.6	239,000 *	52.4	207.5	296,300 *	58.9	211.5	370,600 * b	75
80	39.6	195.7	225,800 *	47.5	203.0	274,900 *	54.5	208.0	347,000 *	80
85	33.2	188.5	215,300 *	42.2	197.7	257,300 *	49.7	203.9	316,000 *	85
90	25.3	178.8	207,800 *	36.2	191.1	243,000 *	44.6	198.9	286,100 *	90
95	13.0	162.7	172,900 *	29.1	182.7	230,100 *	38.9	192.9	260,900 *	95
100				19.6	170.6	204,500 *	32.4	185.4	239,200 *	100
105							24.2	175.4	220,200 *	105
110							10.6	157.4	181,600 *	110
115										115
120										120
125										125
130										130
135										135
140										140
145										145

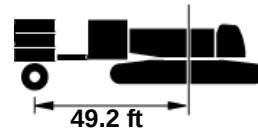


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



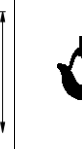
335,400 lb



137.8 ft



78.7 ft

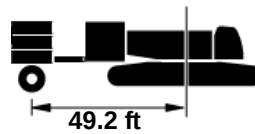
	75°			70°			65°			
										
	ft	o	ft	lb	ft	lb	ft	lb	ft	lb
45										45
50										50
55										55
60										60
65										65
70										70
75										75
80										80
85	60.5	209.8	348,200 *b							85
90	56.1	206.5	328,500 *							90
95	51.5	202.6	310,900 *							95
100	46.5	197.9	294,900 *	57.5	203.6	288,500 *				100
105	41.1	192.3	270,400 *	52.9	199.9	273,800 *				105
110	34.9	185.5	247,500 *	48.1	195.5	260,400 *				110
115	27.5	176.6	227,600 *	42.8	190.2	248,200 *				115
120	17.0	163.1	209,800 *	36.9	183.8	237,000 *	49.2	191.7	231,700 *	120
125				29.9	175.7	226,600 *	44.0	186.6	221,600 *	125
130				20.8	164.1	215,800 *	38.3	180.5	212,300 *	130
135							31.6	172.8	203,700 *	135
140							23.1	162.3	195,600 *	140
145							7.4	141.3	187,200	145

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



137.8 ft



98.4 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
50	72.4	240.5	362,200 *b							50
55	69.2	238.6	331,100 *b							55
60	66.1	236.4	299,500 *b	70.6	238.7	357,400 *b				60
65	62.8	233.9	273,900 *	67.5	236.6	345,700 *b				65
70	59.4	230.9	252,800 *	64.3	234.2	334,500 *				70
75	55.9	227.6	235,200 *	60.9	231.5	303,700 *	65.7	234.1	341,100 *b	75
80	52.3	223.8	220,300 *	57.5	228.3	279,000 *	62.4	231.5	331,200 *	80
85	48.4	219.4	207,700 *	53.9	224.7	258,700 *	59.0	228.5	321,400 *	85
90	44.3	214.4	197,000 *	50.1	220.6	241,700 *	55.5	225.1	291,300 *	90
95	39.8	208.5	188,000 *	46.1	215.9	227,200 *	51.8	221.2	266,000 *	95
100	34.8	201.6	180,600 *	41.8	210.4	215,300 *	47.9	216.8	244,400 *	100
105	29.0	193.1	174,800 *	37.1	204.0	202,400 *	43.8	211.7	225,800 *	105
110	21.9	181.8	165,500 *	31.8	196.3	188,700 *	39.2	205.7	209,400 *	110
115	10.3	162.6	136,400 *	25.3	186.5	176,200 *	34.2	198.6	194,900 *	115
120				16.6	172.3	156,500 *	28.3	189.9	182,000 *	120
125							20.9	178.1	170,100 *	125
130							7.8	156.2	142,600 *	130
135										135
140										140
145										145
150										150
155										155
160										160
165										165

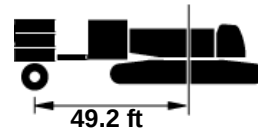


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



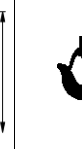
335,400 lb



137.8 ft



98.4 ft

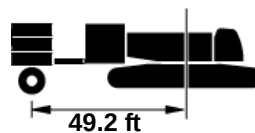
	75°			70°			65°			
										
	ft	o	ft	lb	o	ft	lb	o	ft	lb
50										50
55										55
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95	60.3	226.7	309,700 *							95
100	56.8	223.5	293,800 *							100
105	53.2	219.8	275,300 *							105
110	49.4	215.6	252,500 *	57.9	220.6	259,200 *				110
115	45.3	210.7	232,900 *	54.3	217.1	247,100 *				115
120	40.9	205.1	215,800 *	50.5	213.0	236,000 *				120
125	36.1	198.4	200,700 *	46.6	208.4	225,700 *				125
130	30.6	190.4	187,200 *	42.3	203.0	216,300 *	51.4	209.1	211,200 *	130
135	23.9	180.0	175,000 *	37.6	196.7	205,700 *	47.5	204.6	202,700 *	135
140	14.2	164.2	162,400 *	32.3	189.1	191,800 *	43.3	199.4	194,800 *	140
145				26.1	179.6	179,200 *	38.7	193.3	186,900	145
150				17.7	166.1	167,700 *	33.6	186.1	179,500	150
155							27.6	177.1	172,600	155
160							19.9	164.9	166,000	160
165							3.1	136.5	156,100 *	165

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



137.8 ft



118.1 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
55	72.8	259.6	321,000 *b							55
60	70.3	257.8	305,000 *b							60
65	67.7	255.8	277,100 *							65
70	65.0	253.5	254,300 *	68.8	255.9	308,300 *				70
75	62.2	250.8	235,400 *	66.2	253.7	299,500 *				75
80	59.4	247.9	219,400 *	63.5	251.2	290,400 *	67.4	253.4	304,400 *	80
85	56.5	244.6	205,800 *	60.7	248.4	266,400 *	64.7	251.1	296,400 *	85
90	53.5	241.0	194,100 *	57.8	245.3	246,800 *	61.9	248.4	288,800 *	90
95	50.4	236.9	183,900 *	54.9	241.8	230,100 *	59.1	245.5	268,300 *	95
100	47.1	232.3	175,200 *	51.8	237.9	216,300 *	56.2	242.1	246,600 *	100
105	43.6	227.1	167,500 *	48.6	233.6	204,600 *	53.2	238.4	227,800 *	105
110	39.9	221.3	161,000 *	45.2	228.7	190,900 *	50.0	234.3	211,500 *	110
115	35.8	214.5	155,500 *	41.6	223.1	178,700 *	46.7	229.6	197,100 *	115
120	31.3	206.6	150,900 *	37.7	216.8	167,800 *	43.2	224.4	184,300 *	120
125	26.0	196.9	144,600 *	33.4	209.5	157,900 *	39.4	218.5	172,800 *	125
130	19.3	184.2	130,400 *	28.5	200.7	148,800 *	35.3	211.6	162,500 *	130
135	8.1	161.6	107,600 *	22.6	189.6	140,400 *	30.7	203.5	153,000 *	135
140				14.4	173.5	124,100 *	25.3	193.6	144,400 *	140
145							18.4	180.3	135,700 *	145
150							5.1	153.4	112,500 *	150
155										155
160										160
165										165
170										170
175										175
180										180

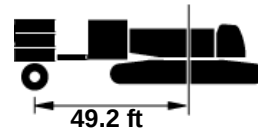


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



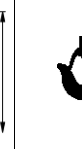
335,400 lb



137.8 ft

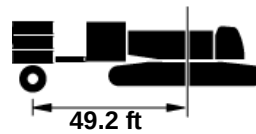


118.1 ft

	75°			70°			65°			
										
	ft	o	ft	lb	ft	lb	ft	lb	ft	ft
55										55
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100	62.9	246.6	291,700 *							100
105	60.1	243.7	277,400 *							105
110	57.3	240.5	254,600 *							110
115	54.3	236.9	234,800 *							115
120	51.2	232.9	217,700 *							120
125	47.9	228.5	202,600 *	55.2	234.1	224,000 *				125
130	44.5	223.5	189,300 *	52.1	230.3	214,700 *				130
135	40.8	217.8	177,400 *	48.9	226.0	206,000 *				135
140	36.9	211.3	166,600 *	45.6	221.2	193,600 *	52.8	226.3	193,000 *	140
145	32.4	203.7	156,900 *	42.0	215.7	181,300 *	49.7	222.1	185,400	145
150	27.4	194.6	148,000 *	38.1	209.5	170,300 *	46.3	217.4	178,000	150
155	21.2	182.8	139,700 *	33.8	202.3	160,300 *	42.8	212.1	171,200	155
160	12.0	164.6	129,400 *	29.0	193.7	151,100 *	39.0	206.1	164,800	160
165				23.2	182.9	142,700 *	34.8	199.1	158,800	165
170				15.4	167.6	134,700 *	30.2	190.9	153,200	170
175							24.7	180.7	145,100 *	175
180							17.5	166.8	137,100 *	180

16000 MAX-ER

ANSI B30.5



137.8 ft



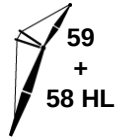
137.8 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
60	73.2	278.7	285,600 *b							60
65	71.0	277.0	277,600 *							65
70	68.8	275.0	259,300 *							70
75	66.5	272.9	238,700 *	69.8	275.1	275,800 *				75
80	64.2	270.5	221,400 *	67.5	273.0	268,800 *				80
85	61.8	267.8	206,800 *	65.2	270.7	262,100 *				85
90	59.4	264.9	194,200 *	62.9	268.2	255,800 *	66.2	270.5	267,300 *	90
95	57.0	261.6	183,200 *	60.5	265.4	238,600 *	63.9	268.1	261,200 *	95
100	54.4	258.1	173,700 *	58.1	262.3	221,200 *	61.6	265.4	247,100 *	100
105	51.8	254.2	165,300 *	55.6	258.9	205,700 *	59.2	262.4	228,300 *	105
110	49.0	249.9	158,000 *	53.0	255.1	192,000 *	56.7	259.2	211,900 *	110
115	46.2	245.1	151,500 *	50.3	251.0	179,800 *	54.1	255.6	197,600 *	115
120	43.1	239.9	145,800 *	47.5	246.5	168,800 *	51.5	251.6	184,800 *	120
125	39.9	234.0	140,800 *	44.5	241.4	159,000 *	48.7	247.3	173,400 *	125
130	36.5	227.4	136,400 *	41.4	235.9	150,000 *	45.8	242.5	163,100 *	130
135	32.7	219.9	129,000 *	38.1	229.6	141,900 *	42.8	237.2	153,800 *	135
140	28.5	211.1	122,200 *	34.5	222.5	134,400 *	39.6	231.2	145,400 *	140
145	23.6	200.3	116,400 *	30.5	214.4	127,500 *	36.1	224.5	137,600 *	145
150	17.3	186.1	105,700 *	25.9	204.6	121,000 *	32.3	216.9	130,500 *	150
155	6.0	159.4	86,500 *	20.4	192.3	114,300 *	28.0	207.9	123,900 *	155
160				12.6	174.1	101,000 *	23.0	196.9	117,700 *	160
165							16.5	182.1	110,200 *	165
170										170
175										175
180										180
185										185
190										190
195										195
200										200

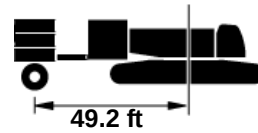


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



137.8 ft

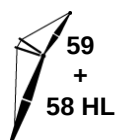


137.8 ft

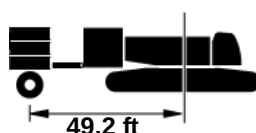
	75°			70°			65°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110	62.4	263.5	255,000 *							110
115	60.0	260.6	235,200 *							115
120	57.6	257.5	218,000 *							120
125	55.1	254.0	203,000 *							125
130	52.4	250.2	189,700 *							130
135	49.7	246.0	177,800 *	55.8	251.2	204,700 *				135
140	46.9	241.4	167,200 *	53.2	247.5	193,900 *				140
145	43.9	236.3	157,600 *	50.6	243.4	181,600 *				145
150	40.8	230.6	148,800 *	47.8	238.9	170,700 *				150
155	37.4	224.2	140,800 *	44.8	234.0	160,800 *	51.2	239.5	170,000	155
160	33.7	216.9	133,500 *	41.7	228.4	151,800 *	48.4	235.1	163,600	160
165	29.6	208.4	126,700 *	38.4	222.3	143,600 *	45.5	230.2	157,700	165
170	24.9	198.3	120,400 *	34.9	215.3	136,100 *	42.5	224.9	152,100	170
175	19.1	185.2	114,400 *	30.9	207.2	129,200 *	39.2	218.9	145,800 *	175
180	10.2	164.5	105,600 *	26.4	197.7	122,700 *	35.7	212.1	138,100 *	180
185				21.0	185.7	116,700 *	31.8	204.3	131,100 *	185
190				13.6	168.5	110,800 *	27.5	195.1	124,600 *	190
195							22.4	183.8	118,400 *	195
200							15.6	168.3	112,600 *	200

16000 MAX-ER

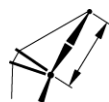
ANSI B30.5



332,000 lb
+
120,000 lb



137.8 ft



157.5 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
65	73.5	297.8	255,600 *							65
70	71.5	296.1	249,200 *							70
75	69.6	294.2	242,900 *							75
80	67.6	292.2	225,300 *	70.5	294.2	247,400 *				80
85	65.6	289.9	209,300 *	68.5	292.3	241,700 *				85
90	63.6	287.5	195,700 *	66.5	290.1	235,200 *				90
95	61.5	284.8	183,900 *	64.5	287.7	228,000 *	67.4	289.9	237,900 *	95
100	59.4	281.8	173,700 *	62.5	285.1	219,800 *	65.4	287.6	231,400 *	100
105	57.3	278.6	164,800 *	60.4	282.3	204,700 *	63.4	285.1	224,800 *	105
110	55.1	275.1	156,900 *	58.3	279.2	191,500 *	61.3	282.4	211,600 *	110
115	52.8	271.4	149,900 *	56.1	275.9	179,300 *	59.2	279.4	197,500 *	115
120	50.4	267.3	143,600 *	53.8	272.3	168,400 *	57.0	276.2	184,700 *	120
125	48.0	262.8	138,100 *	51.5	268.3	158,600 *	54.8	272.6	173,300 *	125
130	45.5	258.0	133,100 *	49.1	264.0	149,700 *	52.5	268.9	163,000 *	130
135	42.8	252.6	127,200 *	46.6	259.3	141,600 *	50.2	264.7	153,700 *	135
140	40.0	246.8	120,200 *	44.0	254.2	134,200 *	47.7	260.2	145,300 *	140
145	37.0	240.3	113,800 *	41.3	248.6	127,300 *	45.2	255.3	137,600 *	145
150	33.8	233.0	108,000 *	38.4	242.4	121,100 *	42.5	249.9	130,500 *	150
155	30.3	224.7	102,700 *	35.3	235.5	115,200 *	39.7	244.0	124,000 *	155
160	26.3	215.0	98,000 *	31.9	227.7	109,800 *	36.7	237.4	118,000 *	160
165	21.7	203.3	94,000 *	28.2	218.7	104,700 *	33.4	230.0	112,400 *	165
170	15.7	187.7	86,600 *	23.9	208.0	99,900 *	29.9	221.6	107,100 *	170
175	3.8	155.4	69,200 *	18.6	194.5	93,800 *	25.8	211.7	102,200 *	175
180				11.0	174.3	83,000 *	21.1	199.7	97,600 *	180
185							14.9	183.4	90,800 *	185
190										190
195										195
200										200
205										205
210										210
215										215
220										220

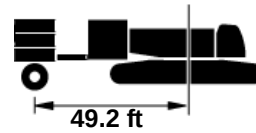


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



137.8 ft

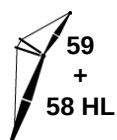


157.5 ft

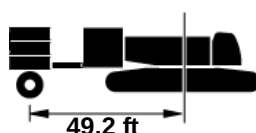
	75°			70°			65°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120	62.1	280.5	217,600 *							120
125	60.0	277.6	202,900 *							125
130	57.8	274.5	189,500 *							130
135	55.6	271.1	177,600 *							135
140	53.4	267.4	167,000 *							140
145	51.0	263.4	157,400 *	56.3	268.2	181,400 *				145
150	48.6	259.0	148,600 *	54.1	264.6	170,400 *				150
155	46.1	254.2	140,700 *	51.7	260.7	160,500 *				155
160	43.5	249.0	133,400 *	49.4	256.5	151,500 *				160
165	40.7	243.3	126,700 *	46.9	251.8	143,400 *	52.3	256.7	156,000	165
170	37.8	237.0	120,500 *	44.3	246.7	135,900 *	49.9	252.6	150,500	170
175	34.6	229.9	114,800 *	41.6	241.2	129,000 *	47.4	248.0	145,300	175
180	31.2	221.9	109,400 *	38.7	235.1	122,700 *	44.9	243.1	137,800 *	180
185	27.4	212.6	104,400 *	35.6	228.2	116,900 *	42.2	237.6	130,800 *	185
190	22.9	201.5	99,700 *	32.3	220.5	111,400 *	39.3	231.6	124,400 *	190
195	17.4	187.1	95,100 *	28.6	211.7	106,300 *	36.3	224.9	118,500 *	195
200	8.7	163.8	87,200 *	24.3	201.2	101,500 *	33.0	217.5	112,900 *	200
205				19.2	188.1	96,900 *	29.4	208.9	107,800 *	205
210				12.1	169.0	92,400 *	25.4	198.9	102,900 *	210
215							20.5	186.5	98,300 *	215
220							14.0	169.4	93,800 *	220

16000 MAX-ER

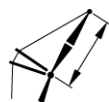
ANSI B30.5



332,000 lb
+
120,000 lb



137.8 ft



177.2 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
70	73.7	316.8	213,200 *							70
75	72.0	315.2	212,800 *							75
80	70.3	313.4	209,100 *							80
85	68.5	311.4	202,600 *							85
90	66.8	309.3	195,000 *	69.3	311.5	205,400 *				90
95	65.0	307.0	187,200 *	67.5	309.4	202,300 *				95
100	63.2	304.4	176,300 *	65.8	307.2	196,600 *				100
105	61.3	301.7	166,600 *	64.0	304.7	190,600 *	66.6	307.0	195,700 *	105
110	59.4	298.8	158,000 *	62.1	302.1	184,300 *	64.8	304.6	193,500 *	110
115	57.5	295.6	150,400 *	60.3	299.3	178,000 *	63.0	302.0	187,700 *	115
120	55.6	292.2	143,700 *	58.4	296.2	168,000 *	61.1	299.3	181,600 *	120
125	53.6	288.5	137,600 *	56.5	292.9	158,500 *	59.2	296.3	172,900 *	125
130	51.5	284.6	132,100 *	54.5	289.4	149,500 *	57.3	293.1	162,900 *	130
135	49.4	280.3	125,300 *	52.4	285.5	141,400 *	55.3	289.7	153,500 *	135
140	47.2	275.7	118,800 *	50.3	281.4	134,000 *	53.3	286.0	145,100 *	140
145	44.9	270.8	112,700 *	48.2	277.0	127,100 *	51.3	282.0	137,400 *	145
150	42.5	265.4	107,000 *	45.9	272.2	120,900 *	49.1	277.7	130,300 *	150
155	40.0	259.5	101,600 *	43.6	267.0	115,000 *	46.9	273.1	123,800 *	155
160	37.4	253.1	96,700 *	41.2	261.4	109,700 *	44.6	268.1	117,800 *	160
165	34.6	246.0	92,200 *	38.6	255.2	104,600 *	42.3	262.7	112,200 *	165
170	31.6	238.1	88,000 *	35.9	248.4	99,900 *	39.7	256.7	107,000 *	170
175	28.2	229.1	84,200 *	33.0	240.9	95,500 *	37.1	250.2	102,200 *	175
180	24.5	218.6	80,900 *	29.8	232.4	91,400 *	34.3	243.1	97,700 *	180
185	20.1	205.9	78,100 *	26.2	222.7	87,500 *	31.2	235.0	93,400 *	185
190	14.3	188.8	71,900 *	22.2	211.1	83,700 *	27.8	225.9	89,400 *	190
195				17.1	196.4	78,100 *	24.0	215.2	85,600 *	195
200				9.7	174.0	68,900 *	19.5	202.1	81,900 *	200
205							13.5	184.3	75,700 *	205
210										210
215										215
220										220
225										225
230										230
235										235
240										240

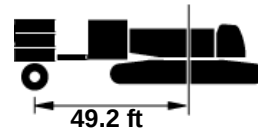


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



137.8 ft

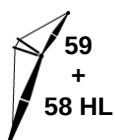


177.2 ft

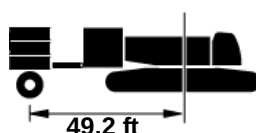
	75°			70°			65°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130	61.8	297.4	178,200 *							130
135	59.9	294.5	176,700 *							135
140	58.0	291.4	166,800 *							140
145	56.1	288.1	157,100 *							145
150	54.1	284.5	148,400 *							150
155	52.0	280.6	140,400 *	56.7	285.2	160,200 *				155
160	49.9	276.4	133,100 *	54.7	281.7	151,200 *				160
165	47.7	271.9	126,400 *	52.6	277.9	143,000 *				165
170	45.5	267.1	120,200 *	50.6	273.8	135,500 *				170
175	43.1	261.8	114,500 *	48.4	269.4	128,700 *				175
180	40.7	256.1	109,200 *	46.2	264.7	122,400 *	51.0	269.9	137,400 *	180
185	38.1	249.8	104,300 *	43.9	259.5	116,500 *	48.9	265.6	130,400 *	185
190	35.3	242.9	99,600 *	41.4	253.9	111,100 *	46.7	260.9	124,000 *	190
195	32.3	235.2	95,300 *	38.9	247.8	106,100 *	44.4	255.8	118,100 *	195
200	29.1	226.5	91,200 *	36.2	241.1	101,400 *	42.0	250.4	112,600 *	200
205	25.5	216.4	87,300 *	33.3	233.7	96,900 *	39.5	244.4	107,500 *	205
210	21.2	204.4	83,600 *	30.1	225.3	92,800 *	36.8	237.8	102,700 *	210
215	15.9	188.7	80,000 *	26.6	215.7	88,800 *	33.9	230.5	98,200 *	215
220	7.3	162.5	72,700 *	22.6	204.4	85,100 *	30.9	222.4	94,000 *	220
225				17.7	190.1	81,500 *	27.4	213.1	90,000 *	225
230				10.7	169.1	77,900 *	23.6	202.2	86,300 *	230
235							18.9	188.8	82,700 *	235
240							12.7	170.1	79,100 *	240

16000 MAX-ER

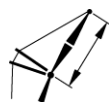
ANSI B30.5



332,000 lb
+
120,000 lb



137.8 ft



196.9 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
75	73.8	335.9	176,300 *							75
80	72.3	334.3	175,600 *							80
85	70.8	332.5	174,900 *							85
90	69.2	330.6	174,100 *							90
95	67.6	328.6	169,100 *	69.9	330.7	168,700 *				95
100	66.0	326.4	163,400 *	68.3	328.7	168,400 *				100
105	64.4	324.0	157,400 *	66.8	326.5	167,900 *				105
110	62.8	321.4	151,400 *	65.2	324.2	164,600 *	67.5	326.3	160,000 *	110
115	61.1	318.7	145,200 *	63.5	321.7	158,900 *	65.9	324.0	160,000 *	115
120	59.4	315.7	139,100 *	61.9	319.1	153,300 *	64.2	321.6	160,000 *	120
125	57.7	312.6	133,000 *	60.2	316.2	147,500 *	62.6	319.0	156,200 *	125
130	56.0	309.2	127,100 *	58.5	313.2	142,000 *	60.9	316.3	150,600 *	130
135	54.2	305.6	121,300 *	56.8	309.9	136,600 *	59.3	313.3	145,100 *	135
140	52.3	301.8	115,700 *	55.0	306.4	131,300 *	57.5	310.1	139,700 *	140
145	50.5	297.7	110,300 *	53.2	302.7	126,000 *	55.8	306.7	134,400 *	145
150	48.5	293.3	105,100 *	51.3	298.7	119,800 *	54.0	303.1	129,100 *	150
155	46.5	288.6	100,200 *	49.4	294.5	114,000 *	52.1	299.3	122,700 *	155
160	44.5	283.6	95,600 *	47.4	289.9	108,600 *	50.2	295.1	116,700 *	160
165	42.3	278.1	91,200 *	45.4	285.0	103,600 *	48.3	290.7	111,100 *	165
170	40.1	272.3	87,100 *	43.3	279.8	99,000 *	46.3	286.0	106,000 *	170
175	37.7	265.9	83,200 *	41.1	274.1	94,600 *	44.2	280.9	101,200 *	175
180	35.2	259.0	79,700 *	38.8	268.0	90,600 *	42.1	275.4	96,700 *	180
185	32.6	251.3	76,400 *	36.4	261.3	86,700 *	39.8	269.5	92,500 *	185
190	29.7	242.8	73,300 *	33.8	254.0	83,100 *	37.4	263.1	88,600 *	190
195	26.5	233.1	70,600 *	31.0	245.9	79,700 *	34.9	256.0	84,900 *	195
200	22.9	221.8	68,100 *	28.0	236.7	76,400 *	32.2	248.3	81,400 *	200
205	18.7	208.1	66,000 *	24.6	226.3	73,300 *	29.3	239.6	78,000 *	205
210	13.1	189.7	59,700 *	20.7	213.8	70,300 *	26.1	229.8	74,900 *	210
215				15.9	198.0	65,000 *	22.5	218.4	71,800 *	215
220				8.5	173.3	57,100 *	18.1	204.3	68,900 *	220
225							12.3	184.9	63,100 *	225
230										230
235										235
240										240
250										250
260										260

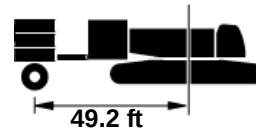


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



137.8 ft

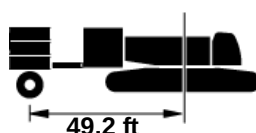
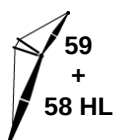


196.9 ft

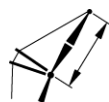
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140	61.5	314.4	145,600 *							140
145	59.9	311.5	145,600 *							145
150	58.2	308.4	141,300 *							150
155	56.4	305.1	136,300 *							155
160	54.6	301.6	131,300 *							160
165	52.8	297.8	125,200 *	56.9	302.2	131,800 *				165
170	50.9	293.8	119,100 *	55.2	298.8	131,500 *				170
175	49.0	289.5	113,400 *	53.4	295.1	127,100 *				175
180	47.0	284.8	108,100 *	51.5	291.1	121,100 *				180
185	45.0	279.9	103,200 *	49.6	286.9	115,300 *				185
190	42.9	274.5	98,600 *	47.6	282.4	109,900 *	51.9	287.1	120,900 *	190
195	40.6	268.8	94,300 *	45.6	277.5	104,900 *	50.0	283.0	116,800 *	195
200	38.3	262.6	90,300 *	43.5	272.3	100,300 *	48.1	278.5	111,300 *	200
205	35.9	255.8	86,500 *	41.3	266.7	95,900 *	46.1	273.7	106,200 *	205
210	33.2	248.3	82,900 *	39.0	260.6	91,800 *	44.0	268.6	101,500 *	210
215	30.4	240.0	79,600 *	36.6	254.0	87,900 *	41.8	263.1	97,100 *	215
220	27.3	230.6	76,300 *	34.1	246.7	84,300 *	39.6	257.1	92,900 *	220
225	23.9	219.9	73,300 *	31.3	238.7	80,900 *	37.2	250.6	89,100 *	225
230	19.8	206.9	70,300 *	28.3	229.7	77,600 *	34.6	243.5	85,400 *	230
235	14.7	190.0	67,400 *	25.0	219.4	74,500 *	31.9	235.7	81,900 *	235
240	5.9	160.4	60,500 *	21.1	207.2	71,500 *	29.0	226.9	78,600 *	240
250				9.6	168.8	65,700 *	22.1	205.3	72,500 *	250
260							11.5	170.4	66,700 *	260

16000 MAX-ER

ANSI B30.5



137.8 ft



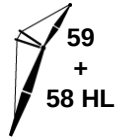
216.5 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
80	74.0	354.9	147,400 *							80
85	72.6	353.4	146,700 *							85
90	71.2	351.6	145,900 *							90
95	69.8	349.8	145,100 *							95
100	68.3	347.8	144,300 *	70.4	349.8	140,900 *				100
105	66.9	345.7	142,200 *	69.0	347.9	140,400 *				105
110	65.5	343.4	137,800 *	67.6	345.8	140,000 *				110
115	64.0	341.0	133,300 *	66.1	343.6	139,500 *				115
120	62.5	338.4	128,700 *	64.6	341.2	138,900 *	66.7	343.4	133,500 *	120
125	61.0	335.6	124,200 *	63.2	338.7	138,300 *	65.3	341.1	133,400 *	125
130	59.4	332.7	119,500 *	61.7	336.0	137,800 *	63.8	338.6	133,300 *	130
135	57.9	329.6	114,900 *	60.1	333.2	134,300 *	62.3	336.0	133,100 *	135
140	56.3	326.2	110,400 *	58.6	330.1	129,300 *	60.8	333.2	132,900 *	140
145	54.7	322.7	105,900 *	57.0	326.9	122,900 *	59.3	330.2	132,600 *	145
150	53.0	319.0	101,600 *	55.4	323.5	117,000 *	57.7	327.1	125,900 *	150
155	51.3	315.0	97,300 *	53.8	319.8	111,500 *	56.1	323.8	119,800 *	155
160	49.6	310.8	93,300 *	52.1	316.0	106,400 *	54.5	320.2	114,100 *	160
165	47.8	306.3	89,400 *	50.4	311.8	101,700 *	52.8	316.4	108,900 *	165
170	46.0	301.5	85,600 *	48.6	307.5	97,100 *	51.1	312.4	104,000 *	170
175	44.1	296.4	82,100 *	46.8	302.8	92,800 *	49.4	308.2	99,300 *	175
180	42.1	290.9	78,700 *	45.0	297.8	88,800 *	47.6	303.6	94,900 *	180
185	40.1	285.0	75,500 *	43.0	292.5	85,000 *	45.8	298.8	90,700 *	185
190	38.0	278.7	72,500 *	41.0	286.9	81,500 *	43.9	293.7	86,900 *	190
195	35.7	271.9	69,600 *	38.9	280.7	78,100 *	41.9	288.2	83,200 *	195
200	33.3	264.4	67,000 *	36.7	274.1	75,000 *	39.9	282.2	79,800 *	200
205	30.8	256.2	64,500 *	34.4	267.0	72,000 *	37.7	275.9	76,500 *	205
210	28.1	247.1	62,300 *	32.0	259.1	69,100 *	35.5	269.0	73,500 *	210
215	25.0	236.8	60,200 *	29.3	250.5	66,400 *	33.1	261.4	70,500 *	215
220	21.6	224.8	58,400 *	26.4	240.7	63,800 *	30.5	253.1	67,800 *	220
225	17.5	210.1	54,900 *	23.2	229.6	61,300 *	27.7	243.9	65,100 *	225
230	12.1	190.2	49,200 *	19.4	216.3	58,900 *	24.7	233.4	62,600 *	230
235				14.7	199.3	53,900 *	21.2	221.2	60,100 *	235
240				7.4	172.1	47,000 *	17.0	206.1	57,800 *	240
250										250
260										260
270										270
280										280

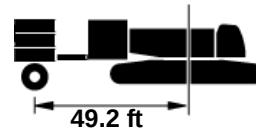


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



137.8 ft

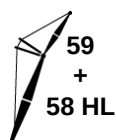


216.5 ft

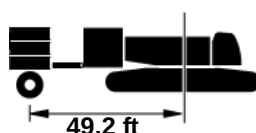
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145	62.9	334.1	121,200 *							145
150	61.4	331.4	121,200 *							150
155	59.8	328.5	121,200 *							155
160	58.3	325.4	121,200 *							160
165	56.7	322.1	121,200 *							165
170	55.1	318.6	116,500 *							170
175	53.4	315.0	111,100 *	57.2	319.2	110,800 *				175
180	51.8	311.0	106,100 *	55.6	315.8	110,800 *				180
185	50.0	306.9	101,300 *	53.9	312.2	110,800 *				185
190	48.3	302.4	96,700 *	52.3	308.3	107,900 *				190
195	46.5	297.7	92,500 *	50.6	304.2	102,900 *				195
200	44.6	292.7	88,500 *	48.8	299.9	98,300 *	52.7	304.3	101,500 *	200
205	42.6	287.3	84,800 *	47.0	295.3	94,000 *	51.0	300.3	101,500 *	205
210	40.6	281.5	81,300 *	45.2	290.3	89,900 *	49.2	296.0	99,500 *	210
215	38.5	275.4	78,000 *	43.2	285.1	86,200 *	47.4	291.5	95,100 *	215
220	36.3	268.6	74,900 *	41.2	279.4	82,600 *	45.6	286.6	91,000 *	220
225	34.0	261.4	71,900 *	39.2	273.4	79,200 *	43.7	281.4	87,200 *	225
230	31.5	253.4	69,100 *	37.0	266.8	76,100 *	41.7	275.9	83,600 *	230
235	28.8	244.5	66,400 *	34.7	259.7	73,000 *	39.6	269.9	80,200 *	235
240	25.8	234.5	63,800 *	32.2	251.9	70,200 *	37.5	263.5	77,000 *	240
250	18.6	209.1	59,000 *	26.7	233.8	64,900 *	32.8	248.9	71,100 *	250
260	4.5	157.1	49,800 *	19.9	209.7	60,000 *	27.4	231.1	65,700 *	260
270				8.5	168.0	55,100 *	20.7	208.0	60,800 *	270
280							10.4	170.4	56,000 *	280

16000 MAX-ER

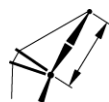
ANSI B30.5



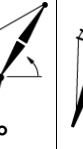
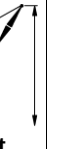
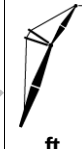
332,000 lb
+
120,000 lb



137.8 ft



236.2 ft

	86°			83°			80°			
										
	ft	o	ft	lb	o	ft	lb	o	ft	lb
90		72.8	372.4	122,600 *						90
95		71.5	370.8	121,800 *						95
100		70.2	369.0	121,100 *						100
105		68.9	367.0	120,200 *	70.8	368.9	117,800 *			105
110		67.6	365.0	119,400 *	69.5	367.1	117,300 *			110
115		66.3	362.8	118,500 *	68.2	365.1	116,700 *			115
120		65.0	360.5	117,100 *	66.9	362.9	116,100 *			120
125		63.6	358.0	113,600 *	65.6	360.7	115,500 *	67.5	362.7	111,500 *
130		62.2	355.4	110,200 *	64.2	358.3	114,800 *	66.2	360.5	111,200 *
135		60.9	352.6	106,700 *	62.9	355.7	114,200 *	64.8	358.1	110,900 *
140		59.4	349.6	103,100 *	61.5	353.0	113,500 *	63.5	355.6	110,500 *
145		58.0	346.5	99,700 *	60.1	350.1	112,900 *	62.1	353.0	110,100 *
150		56.6	343.2	96,100 *	58.7	347.1	112,200 *	60.7	350.2	109,700 *
155		55.1	339.8	92,700 *	57.2	343.9	110,300 *	59.3	347.2	109,300 *
160		53.6	336.1	89,400 *	55.8	340.5	105,300 *	57.9	344.1	108,900 *
165		52.1	332.2	86,100 *	54.3	336.9	100,500 *	56.4	340.8	107,700 *
170		50.5	328.1	82,900 *	52.7	333.1	96,100 *	54.9	337.3	102,900 *
175		48.9	323.8	79,800 *	51.2	329.1	92,000 *	53.4	333.6	98,300 *
180		47.2	319.2	76,800 *	49.6	324.9	88,300 *	51.9	329.7	94,100 *
185		45.5	314.3	73,900 *	48.0	320.4	84,500 *	50.3	325.5	90,200 *
190		43.8	309.1	71,100 *	46.3	315.7	80,900 *	48.7	321.2	86,300 *
195		42.0	303.6	68,500 *	44.6	310.6	77,500 *	47.0	316.6	82,600 *
200		40.1	297.8	65,900 *	42.8	305.3	74,300 *	45.3	311.7	79,100 *
205		38.2	291.5	63,500 *	41.0	299.6	71,300 *	43.6	306.5	75,800 *
210		36.1	284.7	61,300 *	39.1	293.5	68,400 *	41.8	300.9	72,700 *
215		34.0	277.5	59,100 *	37.1	287.0	65,700 *	39.9	295.0	69,800 *
220		31.7	269.5	57,100 *	35.0	279.9	63,100 *	37.9	288.7	67,000 *
225		29.3	260.8	55,300 *	32.8	272.3	60,600 *	35.9	281.9	64,400 *
230		26.6	251.1	53,600 *	30.4	264.0	58,200 *	33.7	274.5	61,800 *
235		23.7	240.2	52,000 *	27.9	254.8	55,900 *	31.5	266.5	59,400 *
240		20.4	227.4	49,800 *	25.1	244.4	53,800 *	29.0	257.7	57,100 *
250		11.1	190.4	40,500 *	18.3	218.5	49,300 *	23.4	236.8	52,700 *
260					6.3	170.2	38,500 *	15.9	207.7	48,600 *
270										
280										
290										
300										

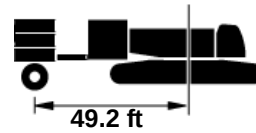


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



137.8 ft

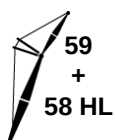


236.2 ft

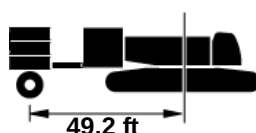
	75°			70°			65°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155	62.6	351.1	101,300 *							155
160	61.2	348.3	101,300 *							160
165	59.8	345.4	101,300 *							165
170	58.4	342.4	101,300 *							170
175	56.9	339.1	101,300 *							175
180	55.5	335.7	101,300 *							180
185	54.0	332.0	100,200 *	57.4	336.2	92,300 *				185
190	52.4	328.2	95,900 *	55.9	332.8	92,300 *				190
195	50.9	324.2	91,900 *	54.4	329.3	92,300 *				195
200	49.3	319.9	87,900 *	52.9	325.5	92,300 *				200
205	47.6	315.4	84,100 *	51.4	321.5	92,300 *				205
210	46.0	310.6	80,600 *	49.8	317.3	89,300 *				210
215	44.2	305.5	77,300 *	48.1	312.9	85,500 *	51.7	317.5	85,200 *	215
220	42.4	300.1	74,100 *	46.5	308.2	81,900 *	50.1	313.4	85,200 *	220
225	40.6	294.3	71,100 *	44.8	303.1	78,500 *	48.5	309.0	85,200 *	225
230	38.7	288.1	68,300 *	43.0	297.8	75,300 *	46.9	304.4	82,800 *	230
235	36.7	281.5	65,600 *	41.2	292.2	72,200 *	45.2	299.4	79,400 *	235
240	34.5	274.3	63,000 *	39.3	286.1	69,400 *	43.4	294.2	76,200 *	240
250	29.9	258.1	58,200 *	35.2	272.7	64,000 *	39.7	282.6	70,200 *	250
260	24.5	238.1	53,800 *	30.6	256.8	59,200 *	35.7	269.4	64,800 *	260
270	17.5	211.1	49,700 *	25.4	237.5	54,700 *	31.2	253.9	59,900 *	270
280	2.8	151.6	40,700 *	18.7	212.0	50,600 *	26.0	235.1	55,400 *	280
290				7.5	166.8	46,400 *	19.6	210.5	51,300 *	290
300							9.5	170.1	47,200 *	300

16000 MAX-ER

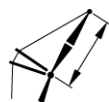
ANSI B30.5



332,000 lb
+
120,000 lb



137.8 ft

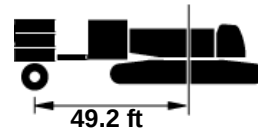


255.9 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
95	73.0	391.5	103,500 *							95
100	71.8	389.9	102,800 *							100
105	70.6	388.1	102,000 *							105
110	69.4	386.2	101,200 *							110
115	68.2	384.2	100,500 *	70.0	386.2	98,800 *				115
120	67.0	382.1	99,700 *	68.8	384.3	98,300 *				120
125	65.8	379.9	99,000 *	67.6	382.2	97,700 *				125
130	64.6	377.5	98,200 *	66.3	380.0	97,100 *				130
135	63.3	375.0	97,300 *	65.1	377.7	96,500 *	66.9	379.8	93,600 *	135
140	62.0	372.3	94,700 *	63.9	375.3	95,900 *	65.7	377.5	93,200 *	140
145	60.7	369.5	92,000 *	62.6	372.7	95,300 *	64.4	375.1	92,800 *	145
150	59.5	366.6	89,300 *	61.3	370.0	94,700 *	63.2	372.6	92,500 *	150
155	58.1	363.5	86,500 *	60.0	367.1	94,100 *	61.9	369.9	92,100 *	155
160	56.8	360.2	83,800 *	58.7	364.0	93,500 *	60.6	367.1	91,600 *	160
165	55.4	356.8	81,100 *	57.4	360.9	92,900 *	59.3	364.2	91,200 *	165
170	54.1	353.2	78,500 *	56.1	357.5	92,300 *	58.0	361.0	90,800 *	170
175	52.7	349.4	75,900 *	54.7	354.0	89,900 *	56.6	357.8	90,400 *	175
180	51.2	345.4	73,400 *	53.3	350.3	86,100 *	55.3	354.3	89,900 *	180
185	49.8	341.2	70,900 *	51.9	346.4	82,600 *	53.9	350.7	88,000 *	185
190	48.3	336.7	68,500 *	50.4	342.2	79,300 *	52.5	346.9	84,400 *	190
195	46.7	332.1	66,200 *	48.9	337.9	75,900 *	51.1	342.9	81,000 *	195
200	45.2	327.1	63,900 *	47.4	333.4	72,800 *	49.6	338.6	77,500 *	200
205	43.5	321.9	61,700 *	45.9	328.5	69,800 *	48.1	334.1	74,300 *	205
210	41.9	316.4	59,700 *	44.3	323.5	67,000 *	46.6	329.5	71,200 *	210
215	40.1	310.5	57,700 *	42.6	318.1	64,300 *	45.0	324.5	68,300 *	215
220	38.3	304.3	55,800 *	40.9	312.3	61,700 *	43.3	319.2	65,600 *	220
225	36.5	297.6	54,000 *	39.2	306.3	59,300 *	41.7	313.7	63,000 *	225
230	34.5	290.4	52,200 *	37.3	299.8	57,000 *	39.9	307.7	60,500 *	230
235	32.5	282.7	50,600 *	35.4	292.9	54,800 *	38.1	301.5	58,100 *	235
240	30.3	274.3	49,100 *	33.4	285.4	52,700 *	36.3	294.7	55,900 *	240
250	25.4	254.9	45,800 *	29.0	268.5	48,700 *	32.2	279.7	51,700 *	250
260	19.4	229.9	41,200 *	23.9	247.9	45,000 *	27.7	261.9	47,800 *	260
270	10.2	190.4	33,000 *	17.3	220.4	40,900 *	22.2	239.9	44,200 *	270
280				5.3	167.6	31,100 *	15.0	209.1	40,300 *	280
290										290
300										300
310										310
320										320



ANSI B30.5

16000 MAX-ER
332,000 lb
+
120,000 lb
335,400 lb

137.8 ft

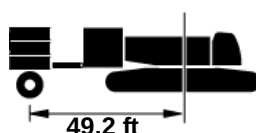
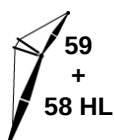


255.9 ft

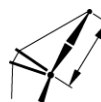
	 75°			 70°			 65°			
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165	62.3	368.0	85,000 *							165
170	61.1	365.3	85,000 *							170
175	59.8	362.4	85,000 *							175
180	58.5	359.3	85,000 *							180
185	57.1	356.1	84,900 *							185
190	55.8	352.7	84,800 *							190
195	54.4	349.1	84,700 *	57.5	353.2	77,300 *				195
200	53.0	345.4	84,600 *	56.2	349.8	77,300 *				200
205	51.6	341.4	82,500 *	54.8	346.3	77,300 *				205
210	50.1	337.3	79,000 *	53.4	342.6	77,300 *				210
215	48.6	332.9	75,700 *	52.0	338.7	77,300 *				215
220	47.1	328.3	72,500 *	50.6	334.7	77,300 *				220
225	45.5	323.4	69,600 *	49.1	330.4	76,800 *	52.3	334.8	71,000 *	225
230	43.9	318.3	66,800 *	47.6	325.8	73,700 *	50.9	330.7	71,000 *	230
235	42.3	312.8	64,200 *	46.0	321.0	70,700 *	49.4	326.5	71,000 *	235
240	40.6	307.0	61,600 *	44.4	316.0	67,800 *	47.9	322.0	71,000 *	240
250	37.0	294.3	57,000 *	41.1	304.9	62,600 *	44.8	312.2	68,600 *	250
260	33.0	279.7	52,700 *	37.5	292.5	57,900 *	41.5	301.3	63,400 *	260
270	28.5	262.5	48,800 *	33.6	278.2	53,500 *	37.9	289.0	58,600 *	270
280	23.3	241.4	45,100 *	29.2	261.4	49,600 *	34.1	275.0	54,200 *	280
290	16.5	212.9	41,600 *	24.2	241.0	45,900 *	29.8	258.6	50,200 *	290
300				17.7	214.1	42,300 *	24.8	238.7	46,500 *	300
310				6.5	165.1	38,800 *	18.6	212.8	43,000 *	310
320							8.6	169.4	39,500 *	320

16000 MAX-ER

ANSI B30.5



137.8 ft



275.6 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
100	73.2	410.6	87,600 *							100
105	72.1	408.9	86,900 *							105
110	71.0	407.2	86,100 *							110
115	69.9	405.4	85,400 *							115
120	68.7	403.4	84,600 *	70.4	405.4	83,400 *				120
125	67.6	401.4	83,900 *	69.3	403.5	82,800 *				125
130	66.5	399.2	83,100 *	68.1	401.5	82,200 *				130
135	65.3	396.9	82,300 *	67.0	399.4	81,600 *				135
140	64.2	394.5	81,600 *	65.9	397.1	81,000 *	67.5	399.1	78,800 *	140
145	63.0	392.0	80,900 *	64.7	394.7	80,400 *	66.4	396.9	78,400 *	145
150	61.8	389.3	80,200 *	63.6	392.3	79,800 *	65.2	394.6	77,900 *	150
155	60.7	386.5	79,500 *	62.4	389.7	79,200 *	64.1	392.1	77,500 *	155
160	59.5	383.5	77,400 *	61.2	386.9	78,500 *	62.9	389.6	77,000 *	160
165	58.2	380.5	75,200 *	60.0	384.0	77,900 *	61.7	386.9	76,600 *	165
170	57.0	377.2	73,100 *	58.8	381.0	77,300 *	60.5	384.1	76,100 *	170
175	55.7	373.8	71,100 *	57.5	377.9	76,700 *	59.3	381.1	75,700 *	175
180	54.5	370.3	69,000 *	56.3	374.5	76,200 *	58.1	378.0	75,200 *	180
185	53.2	366.5	66,900 *	55.0	371.0	75,600 *	56.9	374.8	74,700 *	185
190	51.8	362.6	64,900 *	53.7	367.4	75,100 *	55.6	371.4	74,300 *	190
195	50.5	358.5	63,000 *	52.4	363.6	74,000 *	54.3	367.8	73,800 *	195
200	49.1	354.2	61,100 *	51.1	359.5	71,100 *	53.0	364.0	73,400 *	200
205	47.7	349.7	59,200 *	49.7	355.3	68,200 *	51.7	360.1	72,600 *	205
210	46.3	345.0	57,400 *	48.4	350.9	65,400 *	50.3	356.0	69,700 *	210
215	44.8	340.0	55,600 *	46.9	346.3	62,800 *	49.0	351.6	66,800 *	215
220	43.3	334.7	53,900 *	45.5	341.4	60,200 *	47.6	347.1	64,100 *	220
225	41.8	329.1	52,300 *	44.0	336.2	57,800 *	46.1	342.3	61,500 *	225
230	40.2	323.3	50,700 *	42.5	330.8	55,500 *	44.7	337.3	59,000 *	230
235	38.5	317.0	49,200 *	40.9	325.1	53,300 *	43.1	332.0	56,600 *	235
240	36.8	310.4	47,800 *	39.2	319.0	51,200 *	41.6	326.4	54,400 *	240
250	33.1	295.8	44,500 *	35.8	305.7	47,300 *	38.3	314.2	50,200 *	250
260	29.0	278.9	41,100 *	32.0	290.6	43,700 *	34.8	300.5	46,400 *	260
270	24.3	258.4	37,800 *	27.8	272.8	40,300 *	30.9	284.6	42,900 *	270
280	18.4	232.1	33,500 *	22.8	251.1	37,100 *	26.5	265.9	39,500 *	280
290	9.4	190.0	26,100 *	16.4	222.2	33,200 *	21.2	242.7	36,400 *	290
300				4.1	164.0	24,200 *	14.1	210.3	32,800 *	300
310										310
320										320
330										330
340										340

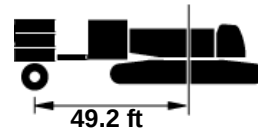


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



137.8 ft

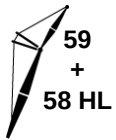


275.6 ft

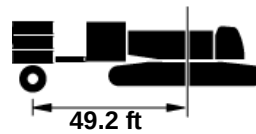
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175	62.1	385.0	71,200 *							175
180	61.0	382.2	71,000 *							180
185	59.8	379.3	70,900 *							185
190	58.5	376.3	70,700 *							190
195	57.3	373.1	70,500 *							195
200	56.0	369.7	70,300 *							200
205	54.8	366.2	70,100 *	57.7	370.2	64,600 *				205
210	53.5	362.5	69,900 *	56.4	366.9	64,600 *				210
215	52.2	358.6	69,700 *	55.2	363.4	64,600 *				215
220	50.8	354.6	69,500 *	53.9	359.7	64,600 *				220
225	49.5	350.3	68,000 *	52.6	355.9	64,600 *				225
230	48.1	345.9	65,200 *	51.2	351.9	64,600 *				230
235	46.7	341.2	62,600 *	49.9	347.7	64,600 *	52.9	351.9	58,900 *	235
240	45.2	336.2	60,100 *	48.5	343.4	64,600 *	51.5	348.0	58,900 *	240
250	42.1	325.6	55,400 *	45.6	333.9	61,000 *	48.8	339.5	58,900 *	250
260	38.9	313.7	51,200 *	42.6	323.4	56,300 *	46.0	330.1	58,900 *	260
270	35.4	300.2	47,300 *	39.4	311.6	52,000 *	43.0	319.7	57,000 *	270
280	31.6	284.8	43,700 *	36.0	298.5	48,100 *	39.8	308.1	52,700 *	280
290	27.3	266.7	40,400 *	32.2	283.4	44,500 *	36.4	295.1	48,700 *	290
300	22.2	244.5	37,200 *	28.0	265.7	41,100 *	32.7	280.3	45,100 *	300
310	15.7	214.4	34,200 *	23.1	244.3	37,900 *	28.5	263.0	41,700 *	310
320				16.8	215.9	34,900 *	23.7	242.1	38,500 *	320
330				5.5	162.7	31,600 *	17.6	214.8	35,400 *	330
340							7.8	168.4	32,400 *	340

16000 MAX-ER

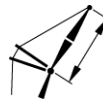
ANSI B30.5



332,000 lb
+
120,000 lb



157.5 ft



78.7 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
45	72.7	241.6	387,800 *c							45
50	68.8	239.6	356,800 *b							50
55	64.8	237.3	321,700 *b							55
60	60.6	234.5	293,600 *b	67.4	237.9	371,000 *b				60
65	56.2	231.2	270,700 *	63.3	235.4	355,800 *b				65
70	51.6	227.3	251,800 *	59.1	232.4	323,100 *b	66.0	235.7	368,900 *b	70
75	46.7	222.6	236,200 *	54.7	228.9	296,900 *	61.8	233.0	356,500 *b	75
80	41.2	217.1	223,500 *	49.9	224.8	275,600 *	57.5	229.9	345,100 *b	80
85	35.1	210.3	213,300 *	44.8	219.9	258,000 *	53.0	226.2	324,300 *	85
90	27.7	201.4	206,000 *	39.2	214.0	243,700 *	48.2	221.8	300,200 *	90
95	17.3	188.2	191,700 *	32.7	206.6	232,100 *	42.9	216.5	277,700 *	95
100				24.6	196.7	220,400 *	37.0	210.1	253,700 *	100
105				11.6	179.5	178,700 *	30.1	202.0	232,900 *	105
110							21.0	190.6	214,500 *	110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150

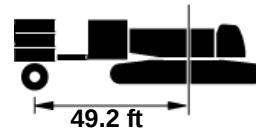


ANSI B30.5

16000 MAX-ER



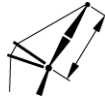
332,000 lb
+
120,000 lb



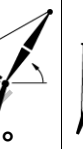
335,400 lb



157.5 ft



78.7 ft

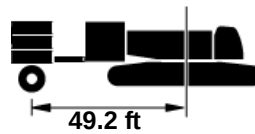
	75°			70°			65°			
										
	ft	ft	lb	ft	lb	ft	lb	ft	lb	ft
45										45
50										50
55										55
60										60
65										65
70										70
75										75
80										80
85										85
90	60.6	228.9	324,700 *b							90
95	56.2	225.6	307,200 *b							95
100	51.6	221.6	291,500 *							100
105	46.6	217.0	276,900 *							105
110	41.2	211.5	263,300 *	54.5	219.8	256,300 *				110
115	35.0	204.6	247,900 *	49.8	215.6	244,300 *				115
120	27.6	195.8	228,000 *	44.7	210.7	233,300 *				120
125	17.3	182.4	210,100 *	39.0	204.7	223,100 *	52.4	212.4	217,100 *	125
130				32.5	197.2	213,700 *	47.5	207.9	208,000 *	130
135				24.3	187.2	204,900 *	42.2	202.5	199,600 *	135
140				10.9	169.4	196,600 *	36.2	196.0	191,800 *	140
145							29.0	187.6	184,000	145
150							19.5	175.4	176,500	150

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



157.5 ft



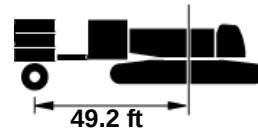
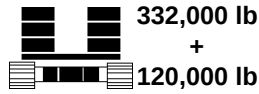
98.4 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
50	73.2	260.6	343,200 * ^c							50
55	70.1	258.8	322,900 * ^b							55
60	66.9	256.7	293,100 * ^b							60
65	63.7	254.3	268,800 * ^b	69.0	257.2	330,800 * ^b				65
70	60.4	251.4	248,600 *	65.8	254.9	319,900 * ^b				70
75	56.9	248.2	231,700 *	62.6	252.4	303,500 *	67.9	255.0	329,400 * ^b	75
80	53.3	244.5	217,400 *	59.2	249.4	279,000 *	64.7	252.7	319,300 * ^b	80
85	49.5	240.3	205,300 *	55.7	246.0	258,800 *	61.4	250.0	309,800 *	85
90	45.4	235.4	195,000 *	52.0	242.2	242,000 *	57.9	246.9	300,900 *	90
95	41.0	229.9	186,300 *	48.1	237.7	227,900 *	54.4	243.3	283,500 *	95
100	36.2	223.2	179,200 *	43.9	232.7	215,900 *	50.6	239.3	259,400 *	100
105	30.7	215.2	173,700 *	39.4	226.7	205,700 *	46.6	234.6	238,700 *	105
110	24.1	204.9	169,900 *	34.4	219.7	195,400 *	42.4	229.3	220,800 *	110
115	14.5	189.3	148,700 *	28.6	211.1	182,300 *	37.7	223.0	205,000 *	115
120				21.3	199.5	169,500 *	32.4	215.4	191,000 *	120
125				8.8	178.7	141,400 *	26.2	206.0	178,400 *	125
130							17.9	192.6	165,200 *	130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170



ANSI B30.5

16000 MAX-ER



157.5 ft



98.4 ft

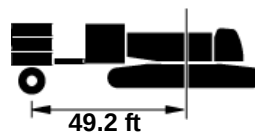
	75°			70°			65°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
50										50
55										55
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100	60.3	245.8	290,200 *							100
105	56.9	242.6	275,800 *							105
110	53.3	238.9	262,300 *							110
115	49.4	234.7	250,000 *							115
120	45.4	229.8	233,700 *	55.5	236.9	232,100 *				120
125	41.0	224.2	216,500 *	51.9	233.0	222,000 *				125
130	36.2	217.6	201,300 *	48.0	228.5	212,700 *				130
135	30.7	209.6	187,700 *	43.8	223.4	204,100 *				135
140	24.0	199.2	175,500 *	39.3	217.5	196,100 *	50.1	225.5	190,600 *	140
145	14.4	183.6	164,000 *	34.2	210.4	188,700 *	46.1	220.7	183,100	145
150				28.4	201.7	181,200	41.8	215.3	175,800	150
155				21.0	190.0	171,800 *	37.1	208.9	169,100	155
160				8.1	168.4	158,500 *	31.7	201.1	162,700	160
165							25.3	191.3	156,800	165
170							16.5	177.1	151,100	170

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



157.5 ft



118.1 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
55	73.6	279.7	305,800 *b							55
60	71.0	278.0	295,200 *b							60
65	68.4	276.0	269,300 *							65
70	65.7	273.8	248,000 *	70.1	276.4	296,600 *b				70
75	63.0	271.2	230,100 *	67.5	274.3	287,900 *				75
80	60.2	268.4	215,000 *	64.8	272.0	279,500 *				80
85	57.3	265.2	202,000 *	62.0	269.3	264,500 *	66.5	272.1	287,600 *	85
90	54.4	261.6	190,800 *	59.2	266.4	245,400 *	63.8	269.7	279,900 *	90
95	51.3	257.7	181,200 *	56.3	263.1	229,300 *	61.0	266.9	272,500 *	95
100	48.0	253.2	172,800 *	53.3	259.4	215,700 *	58.2	263.8	261,100 *	100
105	44.6	248.2	165,500 *	50.2	255.2	204,000 *	55.3	260.4	240,400 *	105
110	40.9	242.6	159,300 *	46.9	250.6	193,900 *	52.2	256.6	222,400 *	110
115	37.0	236.1	154,100 *	43.4	245.4	184,400 *	49.0	252.3	206,700 *	115
120	32.6	228.6	146,700 *	39.6	239.5	172,900 *	45.6	247.4	192,900 *	120
125	27.5	219.5	139,100 *	35.5	232.7	162,500 *	42.0	242.0	180,500 *	125
130	21.4	207.8	132,900 *	30.9	224.7	153,000 *	38.2	235.8	169,400 *	130
135	12.4	189.9	117,800 *	25.6	214.9	144,400 *	33.9	228.6	159,400 *	135
140				18.8	201.8	133,800 *	29.1	220.0	150,200 *	140
145				6.4	176.8	111,800 *	23.4	209.3	141,700 *	145
150							15.6	194.1	131,000 *	150
155										155
160										160
165										165
170										170
175										175
180										180
185										185
190										190

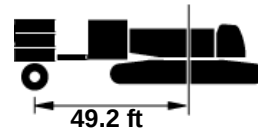


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



157.5 ft

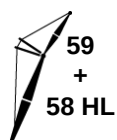


118.1 ft

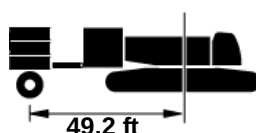
	75°			70°			65°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
55										55
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105	63.0	265.6	274,000 *							105
110	60.2	262.8	260,600 *							110
115	57.3	259.6	248,400 *							115
120	54.3	256.0	235,200 *							120
125	51.2	252.1	218,000 *							125
130	48.0	247.6	202,900 *	56.2	253.9	211,000 *				130
135	44.6	242.6	189,500 *	53.2	250.2	202,400 *				135
140	40.9	236.9	177,600 *	50.1	246.0	194,500 *				140
145	36.9	230.5	166,800 *	46.7	241.4	187,100 *				145
150	32.5	222.9	157,100 *	43.2	236.2	179,900	51.8	242.8	174,200	150
155	27.5	213.8	148,200 *	39.5	230.2	173,000	48.6	238.4	167,500	155
160	21.3	202.1	139,900 *	35.4	223.4	163,600 *	45.2	233.6	161,200	160
165	12.3	184.1	130,700 *	30.8	215.3	154,200 *	41.6	228.0	155,400	165
170				25.4	205.4	145,600 *	37.6	221.7	149,900	170
175				18.5	192.2	137,500 *	33.3	214.4	144,700	175
180				5.5	165.9	125,900 *	28.4	205.6	139,800	180
185							22.5	194.4	135,200	185
190							14.3	178.2	130,700	190

16000 MAX-ER

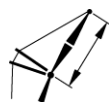
ANSI B30.5



332,000 lb
+
120,000 lb



157.5 ft



137.8 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
60	73.8	298.8	272,900 *b							60
65	71.6	297.1	265,100 *							65
70	69.4	295.2	250,600 *							70
75	67.1	293.1	231,500 *	70.8	295.5	266,100 *				75
80	64.8	290.8	215,400 *	68.6	293.6	259,200 *				80
85	62.5	288.2	201,700 *	66.3	291.4	252,500 *				85
90	60.1	285.3	189,800 *	64.0	289.0	246,000 *	67.8	291.4	258,800 *	90
95	57.6	282.2	179,500 *	61.7	286.3	235,900 *	65.5	289.2	252,800 *	95
100	55.1	278.7	170,500 *	59.3	283.3	220,200 *	63.2	286.6	246,800 *	100
105	52.5	274.9	162,500 *	56.8	280.1	206,800 *	60.8	283.9	241,000 *	105
110	49.8	270.7	155,500 *	54.2	276.5	195,400 *	58.4	280.8	223,500 *	110
115	47.0	266.1	149,400 *	51.6	272.6	185,400 *	55.9	277.4	207,800 *	115
120	44.0	261.0	142,700 *	48.8	268.2	173,900 *	53.3	273.7	193,800 *	120
125	40.8	255.3	134,500 *	46.0	263.5	163,600 *	50.6	269.7	181,500 *	125
130	37.5	248.9	127,000 *	42.9	258.2	154,200 *	47.8	265.2	170,400 *	130
135	33.8	241.7	120,200 *	39.7	252.3	145,700 *	44.9	260.2	160,400 *	135
140	29.7	233.3	114,100 *	36.2	245.6	137,900 *	41.8	254.7	151,400 *	140
145	25.1	223.2	109,100 *	32.5	238.0	130,700 *	38.5	248.6	143,100 *	145
150	19.3	210.2	104,900 *	28.2	229.1	124,100 *	34.9	241.6	135,600 *	150
155	10.6	189.9	95,700 *	23.2	218.1	117,800 *	31.0	233.6	128,600 *	155
160				16.8	203.6	108,600 *	26.5	224.0	122,100 *	160
165				3.8	172.8	90,000 *	21.1	212.1	116,000 *	165
170							13.8	195.1	106,700 *	170
175										175
180										180
185										185
190										190
195										195
200										200
205										205
210										210

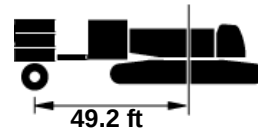


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



157.5 ft

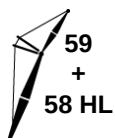


137.8 ft

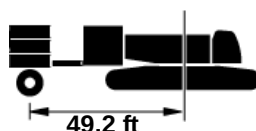
	75°			70°			65°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115	62.5	282.6	245,500 *							115
120	60.1	279.7	235,800 *							120
125	57.6	276.6	219,000 *							125
130	55.1	273.1	203,800 *							130
135	52.5	269.3	190,400 *							135
140	49.8	265.1	178,400 *	56.7	270.9	193,100 *				140
145	46.9	260.5	167,700 *	54.1	267.3	185,800 *				145
150	44.0	255.4	158,100 *	51.5	263.4	178,700				150
155	40.8	249.7	149,300 *	48.7	259.0	171,800				155
160	37.5	243.3	141,300 *	45.9	254.2	164,400 *	52.9	260.0	159,900	160
165	33.8	236.0	133,900 *	42.8	248.9	155,100 *	50.3	255.9	154,100	165
170	29.7	227.6	127,100 *	39.6	243.0	146,600 *	47.4	251.4	148,700	170
175	25.0	217.5	120,700 *	36.1	236.3	138,900 *	44.5	246.3	143,500	175
180	19.2	204.5	114,700 *	32.3	228.7	131,700 *	41.4	240.8	138,700	180
185	10.5	184.1	106,800 *	28.1	219.7	125,100 *	38.1	234.5	134,200	185
190				23.0	208.7	118,900 *	34.4	227.4	129,900	190
195				16.6	193.9	113,000 *	30.5	219.2	125,800	195
200							25.9	209.4	121,900	200
205							20.3	197.1	116,600 *	205
210							12.5	178.8	110,800 *	210

16000 MAX-ER

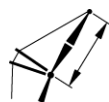
ANSI B30.5



332,000 lb
+
120,000 lb



157.5 ft



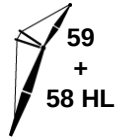
157.5 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
65	74.0	317.8	234,700 *							65
70	72.1	316.2	227,500 *							70
75	70.1	314.4	219,500 *							75
80	68.2	312.4	210,900 *							80
85	66.2	310.2	201,700 *	69.5	312.8	229,400 *				85
90	64.2	307.8	190,000 *	67.5	310.7	228,600 *				90
95	62.1	305.2	178,900 *	65.5	308.4	223,400 *				95
100	60.0	302.3	169,400 *	63.5	306.0	217,000 *	66.8	308.5	220,300 *	100
105	57.9	299.2	161,000 *	61.4	303.2	208,100 *	64.8	306.2	220,300 *	105
110	55.7	295.8	153,600 *	59.3	300.3	197,900 *	62.7	303.6	217,300 *	110
115	53.4	292.1	146,800 *	57.1	297.1	185,000 *	60.6	300.8	207,200 *	115
120	51.1	288.1	138,800 *	54.9	293.6	173,500 *	58.5	297.8	193,300 *	120
125	48.7	283.7	131,200 *	52.6	289.8	163,200 *	56.3	294.5	181,000 *	125
130	46.2	279.0	124,000 *	50.3	285.7	153,800 *	54.1	290.9	169,900 *	130
135	43.5	273.8	117,400 *	47.8	281.2	145,400 *	51.8	287.0	160,000 *	135
140	40.8	268.1	111,300 *	45.3	276.3	137,600 *	49.4	282.7	151,000 *	140
145	37.9	261.8	105,600 *	42.6	270.9	130,500 *	46.9	278.1	142,800 *	145
150	34.7	254.7	100,400 *	39.8	265.0	124,000 *	44.3	273.0	135,300 *	150
155	31.3	246.7	95,700 *	36.8	258.5	118,000 *	41.6	267.5	128,400 *	155
160	27.5	237.5	91,600 *	33.6	251.1	112,300 *	38.7	261.4	122,100 *	160
165	23.0	226.4	88,000 *	30.0	242.7	107,100 *	35.7	254.6	116,200 *	165
170	17.6	212.2	85,300 *	26.0	233.0	102,200 *	32.3	246.9	110,700 *	170
175	9.0	189.4	78,400 *	21.3	221.0	97,500 *	28.6	238.0	105,600 *	175
180				15.2	205.0	89,300 *	24.4	227.6	100,700 *	180
185							19.3	214.5	96,100 *	185
190							12.2	195.7	87,900 *	190
195										195
200										200
205										205
210										210
215										215
220										220
225										225
230										230

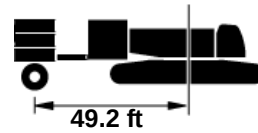


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



157.5 ft



157.5 ft

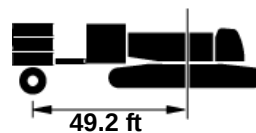
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125	62.1	299.5	201,300 *							125
130	60.0	296.7	201,300 *							130
135	57.9	293.5	189,800 *							135
140	55.7	290.1	177,900 *							140
145	53.4	286.5	167,200 *							145
150	51.1	282.5	157,500 *	57.1	287.9	177,000				150
155	48.7	278.1	148,800 *	54.8	284.4	170,100				155
160	46.2	273.4	140,800 *	52.5	280.6	163,700				160
165	43.5	268.1	133,500 *	50.2	276.5	154,500 *				165
170	40.8	262.4	126,800 *	47.7	272.0	146,100 *				170
175	37.8	256.1	120,600 *	45.2	267.1	138,400 *	51.5	273.2	141,800	175
180	34.7	249.1	114,900 *	42.5	261.7	131,300 *	49.1	268.9	137,000	180
185	31.3	241.1	109,500 *	39.7	255.8	124,800 *	46.6	264.2	132,500	185
190	27.4	231.8	104,500 *	36.7	249.2	118,800 *	44.0	259.1	128,300	190
195	23.0	220.7	99,700 *	33.5	241.8	113,200 *	41.3	253.5	124,200	195
200	17.5	206.5	95,200 *	29.9	233.4	108,000 *	38.4	247.3	120,400	200
205	8.9	183.5	88,100 *	25.9	223.6	103,100 *	35.2	240.4	116,600 *	205
210				21.1	211.5	98,400 *	31.9	232.6	111,200 *	210
215				15.0	195.3	93,900 *	28.1	223.6	106,100 *	215
220							23.8	212.9	101,300 *	220
225							18.6	199.3	96,800 *	225
230							11.0	179.0	92,300 *	230

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



157.5 ft



177.2 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
75	72.4	335.3	194,800 *							75
80	70.7	333.5	188,900 *							80
85	69.0	331.6	182,600 *							85
90	67.2	329.5	176,100 *	70.1	332.0	189,000 *				90
95	65.5	327.3	169,100 *	68.4	330.0	189,000 *				95
100	63.7	324.8	162,000 *	66.6	327.8	189,000 *				100
105	61.8	322.1	154,900 *	64.8	325.5	188,800 *	67.8	327.8	180,300 *	105
110	60.0	319.2	147,700 *	63.0	322.9	183,400 *	66.0	325.6	180,300 *	110
115	58.1	316.1	140,600 *	61.2	320.2	176,800 *	64.2	323.2	180,300 *	115
120	56.1	312.8	133,800 *	59.3	317.2	169,800 *	62.4	320.6	180,300 *	120
125	54.1	309.2	127,200 *	57.4	314.0	162,800 *	60.5	317.8	176,500 *	125
130	52.1	305.3	120,900 *	55.4	310.6	153,700 *	58.6	314.7	169,800 *	130
135	50.0	301.2	114,800 *	53.4	306.9	145,200 *	56.7	311.5	159,800 *	135
140	47.8	296.7	109,100 *	51.4	303.0	137,400 *	54.7	308.0	150,800 *	140
145	45.5	291.8	103,700 *	49.2	298.7	130,300 *	52.7	304.2	142,600 *	145
150	43.2	286.5	98,700 *	47.0	294.1	123,800 *	50.6	300.1	135,000 *	150
155	40.7	280.8	94,000 *	44.7	289.1	117,800 *	48.4	295.7	128,200 *	155
160	38.1	274.6	89,600 *	42.4	283.7	112,200 *	46.2	291.0	121,800 *	160
165	35.4	267.7	85,600 *	39.9	277.8	107,000 *	43.9	285.8	116,000 *	165
170	32.4	260.0	81,900 *	37.2	271.3	102,200 *	41.5	280.2	110,500 *	170
175	29.2	251.3	78,500 *	34.4	264.1	97,600 *	38.9	274.1	105,500 *	175
180	25.6	241.3	75,600 *	31.3	256.1	93,400 *	36.2	267.4	100,700 *	180
185	21.4	229.3	73,000 *	28.0	247.1	89,300 *	33.3	260.0	96,300 *	185
190	16.1	213.8	71,100 *	24.2	236.5	85,500 *	30.2	251.7	92,100 *	190
195	7.7	188.2	64,900 *	19.7	223.5	81,800 *	26.7	242.1	88,200 *	195
200				13.8	206.0	74,400 *	22.7	230.8	84,400 *	200
205							17.8	216.6	80,800 *	205
210							10.9	195.8	73,300 *	210
215										215
220										220
225										225
230										230
235										235
240										240
250										250

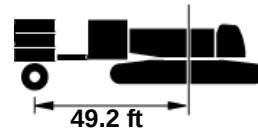


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



157.5 ft

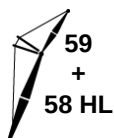


177.2 ft

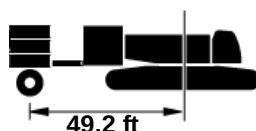
	75°			70°			65°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135	61.8	316.5	165,600 *							135
140	59.9	313.6	165,600 *							140
145	58.0	310.5	165,600 *							145
150	56.1	307.2	157,300 *							150
155	54.1	303.6	148,500 *							155
160	52.1	299.7	140,500 *	57.3	304.9	150,100 *				160
165	50.0	295.5	133,200 *	55.4	301.5	150,100 *				165
170	47.8	291.0	126,500 *	53.4	297.8	145,800 *				170
175	45.5	286.2	120,300 *	51.3	293.8	138,000 *				175
180	43.2	280.9	114,600 *	49.2	289.5	131,000 *				180
185	40.7	275.2	109,300 *	47.0	284.9	124,500 *	52.4	290.4	131,200	185
190	38.1	268.9	104,400 *	44.7	279.9	118,500 *	50.3	286.3	126,900	190
195	35.4	262.0	99,700 *	42.3	274.4	112,900 *	48.2	281.9	122,900	195
200	32.4	254.3	95,400 *	39.8	268.5	107,800 *	45.9	277.1	119,100	200
205	29.2	245.6	91,300 *	37.1	262.0	102,900 *	43.6	271.9	115,500	205
210	25.5	235.6	87,400 *	34.3	254.9	98,400 *	41.2	266.2	110,800 *	210
215	21.3	223.6	83,700 *	31.2	246.8	94,200 *	38.6	260.1	105,800 *	215
220	16.1	208.1	80,100 *	27.9	237.7	90,200 *	35.9	253.3	101,100 *	220
225	7.6	182.3	73,600 *	24.1	227.1	86,400 *	32.9	245.7	96,800 *	225
230				19.6	214.0	82,700 *	29.7	237.3	92,600 *	230
235				13.6	196.2	79,200 *	26.2	227.5	88,800 *	235
240							22.1	215.9	85,000 *	240
250							9.6	178.7	77,900 *	250

16000 MAX-ER

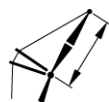
ANSI B30.5



332,000 lb
+
120,000 lb



157.5 ft



196.9 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
80	72.7	354.4	162,600 *							80
85	71.2	352.7	162,200 *							85
90	69.6	350.8	158,400 *							90
95	68.1	348.8	153,500 *	70.7	351.1	156,900 *				95
100	66.5	346.6	148,300 *	69.1	349.2	156,900 *				100
105	64.9	344.3	143,100 *	67.5	347.1	156,800 *				105
110	63.2	341.8	137,700 *	65.9	344.9	156,600 *				110
115	61.6	339.1	132,200 *	64.3	342.5	156,400 *	67.0	345.0	149,400 *	115
120	59.9	336.2	126,700 *	62.7	339.9	153,300 *	65.4	342.7	149,400 *	120
125	58.2	333.1	121,300 *	61.0	337.1	148,100 *	63.7	340.2	149,400 *	125
130	56.5	329.8	116,000 *	59.3	334.2	142,800 *	62.1	337.6	149,400 *	130
135	54.7	326.3	110,700 *	57.6	331.0	137,600 *	60.4	334.7	146,800 *	135
140	52.9	322.5	105,800 *	55.8	327.7	132,600 *	58.7	331.7	141,700 *	140
145	51.0	318.5	101,000 *	54.1	324.0	127,700 *	57.0	328.5	136,700 *	145
150	49.1	314.2	96,400 *	52.2	320.2	122,700 *	55.2	325.0	131,700 *	150
155	47.1	309.6	92,100 *	50.3	316.1	116,700 *	53.4	321.3	126,800 *	155
160	45.0	304.6	87,900 *	48.4	311.7	111,200 *	51.5	317.4	120,700 *	160
165	42.9	299.3	84,000 *	46.4	307.0	106,000 *	49.6	313.1	114,900 *	165
170	40.7	293.6	80,400 *	44.3	301.9	101,200 *	47.7	308.6	109,500 *	170
175	38.4	287.3	77,000 *	42.2	296.4	96,700 *	45.7	303.8	104,400 *	175
180	35.9	280.6	73,800 *	39.9	290.5	92,500 *	43.6	298.6	99,700 *	180
185	33.3	273.1	70,800 *	37.5	284.1	88,500 *	41.4	293.0	95,400 *	185
190	30.5	264.8	68,100 *	35.0	277.1	84,800 *	39.1	286.9	91,300 *	190
195	27.4	255.5	65,700 *	32.4	269.4	81,300 *	36.7	280.3	87,400 *	195
200	24.0	244.8	63,500 *	29.5	260.8	78,000 *	34.1	273.0	83,700 *	200
205	19.9	231.9	61,700 *	26.3	251.0	74,800 *	31.4	265.0	80,300 *	205
210	14.9	215.1	60,300 *	22.7	239.6	71,700 *	28.4	256.1	77,000 *	210
215	6.3	186.4	53,500 *	18.3	225.7	68,600 *	25.0	245.8	73,900 *	215
220				12.6	206.7	61,900 *	21.2	233.6	70,900 *	220
225							16.5	218.4	68,000 *	225
230							9.7	195.6	61,000 *	230
235										235
240										240
250										250
260										260
270										270

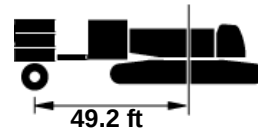


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



157.5 ft

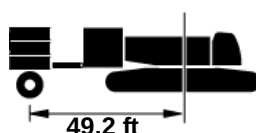
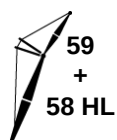


196.9 ft

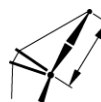
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145	61.6	333.5	136,500 *							145
150	59.9	330.6	136,500 *							150
155	58.2	327.5	136,500 *							155
160	56.4	324.2	135,000 *							160
165	54.7	320.7	130,400 *							165
170	52.8	316.9	125,300 *	57.5	321.9	122,900 *				170
175	51.0	312.9	119,200 *	55.8	318.5	122,900 *				175
180	49.1	308.6	113,500 *	54.0	314.9	122,900 *				180
185	47.1	304.0	108,200 *	52.2	311.0	122,900 *				185
190	45.0	299.0	103,300 *	50.3	306.9	117,300 *				190
195	42.9	293.7	98,700 *	48.3	302.5	111,800 *				195
200	40.7	287.9	94,400 *	46.3	297.7	106,600 *	51.3	303.6	114,100 *	200
205	38.4	281.7	90,400 *	44.2	292.6	101,800 *	49.4	299.4	113,800 *	205
210	35.9	274.9	86,600 *	42.1	287.2	97,400 *	47.4	294.8	109,600 *	210
215	33.3	267.5	83,000 *	39.8	281.3	93,200 *	45.4	289.9	104,600 *	215
220	30.5	259.2	79,600 *	37.5	274.8	89,200 *	43.3	284.7	100,000 *	220
225	27.4	249.9	76,400 *	35.0	267.8	85,500 *	41.1	279.0	95,700 *	225
230	23.9	239.1	73,300 *	32.3	260.1	82,000 *	38.8	272.9	91,600 *	230
235	19.9	226.2	70,400 *	29.4	251.4	78,700 *	36.3	266.2	87,800 *	235
240	14.8	209.4	67,500 *	26.2	241.6	75,600 *	33.8	258.8	84,200 *	240
250				18.2	216.2	69,600 *	28.0	241.6	77,500 *	250
260							20.7	218.6	71,500 *	260
270							8.4	177.9	65,700 *	270

16000 MAX-ER

ANSI B30.5



157.5 ft



216.5 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
85	73.0	373.4	136,200 *							85
90	71.6	371.8	135,700 *							90
95	70.2	370.0	135,100 *							95
100	68.7	368.0	133,600 *							100
105	67.3	365.9	129,800 *	69.7	368.4	131,200 *				105
110	65.9	363.7	125,900 *	68.2	366.4	130,900 *				110
115	64.4	361.3	121,800 *	66.8	364.2	130,600 *				115
120	62.9	358.8	117,800 *	65.4	361.9	130,300 *	67.7	364.2	124,900 *	120
125	61.4	356.0	113,600 *	63.9	359.5	130,000 *	66.3	362.0	124,900 *	125
130	59.9	353.1	109,400 *	62.4	356.9	129,600 *	64.8	359.7	124,900 *	130
135	58.3	350.1	105,300 *	60.9	354.1	129,200 *	63.3	357.2	124,900 *	135
140	56.7	346.8	101,200 *	59.3	351.1	125,600 *	61.8	354.5	124,900 *	140
145	55.1	343.3	97,200 *	57.8	348.0	121,600 *	60.3	351.7	124,900 *	145
150	53.5	339.6	93,200 *	56.2	344.7	117,500 *	58.8	348.7	124,900 *	150
155	51.8	335.7	89,400 *	54.6	341.1	113,300 *	57.2	345.5	123,100 *	155
160	50.1	331.6	85,700 *	52.9	337.4	109,100 *	55.6	342.0	118,600 *	160
165	48.3	327.2	82,200 *	51.2	333.4	104,300 *	54.0	338.4	113,000 *	165
170	46.5	322.5	78,900 *	49.5	329.1	99,800 *	52.3	334.6	107,800 *	170
175	44.6	317.4	75,700 *	47.7	324.6	95,300 *	50.6	330.5	103,000 *	175
180	42.7	312.1	72,600 *	45.9	319.8	91,100 *	48.8	326.2	98,300 *	180
185	40.7	306.3	69,800 *	44.0	314.7	87,200 *	47.0	321.5	94,000 *	185
190	38.6	300.1	67,000 *	42.0	309.2	83,500 *	45.2	316.6	89,900 *	190
195	36.4	293.4	64,500 *	40.0	303.3	80,000 *	43.3	311.4	86,100 *	195
200	34.0	286.2	62,100 *	37.8	296.9	76,800 *	41.3	305.7	82,500 *	200
205	31.5	278.2	59,900 *	35.6	290.0	73,700 *	39.2	299.7	79,100 *	205
210	28.8	269.3	57,900 *	33.2	282.5	70,700 *	37.0	293.1	75,800 *	210
215	25.9	259.4	56,100 *	30.6	274.3	67,900 *	34.7	286.0	72,800 *	215
220	22.6	247.9	54,500 *	27.9	265.1	65,300 *	32.3	278.3	69,900 *	220
225	18.7	234.1	53,100 *	24.8	254.7	62,700 *	29.7	269.7	67,200 *	225
230	13.8	216.2	51,600 *	21.3	242.5	60,200 *	26.8	260.1	64,500 *	230
235	5.0	183.5	43,600 *	17.2	227.6	57,100 *	23.6	249.2	62,000 *	235
240				11.6	207.1	51,300 *	19.9	236.2	59,600 *	240
250							8.7	194.9	50,600 *	250
260										260
270										270
280										280
290										290

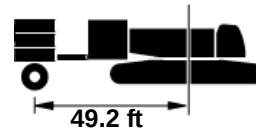


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



157.5 ft

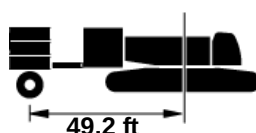
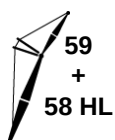


216.5 ft

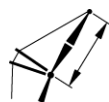
	75°			70°			65°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150	62.9	353.1	113,600 *							150
155	61.4	350.4	113,600 *							155
160	59.9	347.5	113,600 *							160
165	58.3	344.5	113,600 *							165
170	56.7	341.2	113,600 *							170
175	55.1	337.7	113,600 *							175
180	53.5	334.0	111,800 *	57.7	338.9	103,700 *				180
185	51.8	330.1	106,800 *	56.1	335.5	103,700 *				185
190	50.1	326.0	101,900 *	54.5	332.0	103,700 *				190
195	48.3	321.5	97,300 *	52.9	328.2	103,700 *				195
200	46.5	316.8	93,000 *	51.2	324.2	103,700 *				200
205	44.6	311.8	89,000 *	49.4	319.9	100,400 *				205
210	42.7	306.4	85,200 *	47.6	315.4	95,900 *	52.1	320.8	95,800 *	210
215	40.7	300.7	81,700 *	45.8	310.6	91,700 *	50.4	316.7	95,800 *	215
220	38.5	294.5	78,400 *	43.9	305.4	87,800 *	48.6	312.4	95,800 *	220
225	36.3	287.8	75,200 *	41.9	299.9	84,200 *	46.8	307.7	94,200 *	225
230	34.0	280.5	72,200 *	39.9	294.0	80,700 *	44.9	302.7	90,100 *	230
235	31.5	272.5	69,400 *	37.7	287.6	77,500 *	43.0	297.4	86,400 *	235
240	28.8	263.7	66,700 *	35.5	280.7	74,400 *	41.0	291.7	82,800 *	240
250	22.6	242.2	61,600 *	30.5	265.0	68,600 *	36.7	279.0	76,300 *	250
260	13.7	210.4	56,800 *	24.7	245.3	63,400 *	32.0	264.0	70,400 *	260
270				17.0	218.0	58,600 *	26.4	245.6	65,100 *	270
280							19.4	221.1	60,200 *	280
290							7.3	176.6	55,300 *	290

16000 MAX-ER

ANSI B30.5



157.5 ft



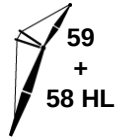
236.2 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
90	73.2	392.5	115,300 *							90
95	71.9	390.9	114,700 *							95
100	70.6	389.1	114,200 *							100
105	69.3	387.2	113,600 *							105
110	68.0	385.2	112,900 *	70.1	387.5	110,800 *				110
115	66.7	383.0	110,500 *	68.8	385.6	110,500 *				115
120	65.3	380.8	107,400 *	67.5	383.5	110,100 *				120
125	64.0	378.3	104,300 *	66.2	381.3	109,700 *				125
130	62.6	375.7	101,100 *	64.9	379.0	109,200 *	67.1	381.4	105,300 *	130
135	61.2	373.0	97,900 *	63.5	376.5	108,700 *	65.7	379.1	105,200 *	135
140	59.8	370.1	94,700 *	62.1	373.9	108,300 *	64.4	376.7	105,100 *	140
145	58.4	367.0	91,500 *	60.8	371.1	107,800 *	63.0	374.2	104,900 *	145
150	57.0	363.8	88,300 *	59.3	368.1	107,300 *	61.7	371.5	104,700 *	150
155	55.5	360.4	85,100 *	57.9	365.0	105,300 *	60.3	368.6	104,400 *	155
160	54.0	356.8	82,000 *	56.5	361.7	102,200 *	58.8	365.6	104,200 *	160
165	52.5	352.9	79,000 *	55.0	358.2	99,000 *	57.4	362.4	103,900 *	165
170	50.9	348.9	76,100 *	53.5	354.5	95,800 *	55.9	359.1	103,600 *	170
175	49.3	344.6	73,200 *	51.9	350.6	92,600 *	54.4	355.5	101,400 *	175
180	47.7	340.1	70,500 *	50.4	346.5	89,400 *	52.9	351.7	97,000 *	180
185	46.0	335.3	67,900 *	48.8	342.1	86,300 *	51.4	347.8	92,800 *	185
190	44.3	330.2	65,400 *	47.1	337.5	82,600 *	49.8	343.6	88,900 *	190
195	42.5	324.8	63,000 *	45.4	332.6	79,100 *	48.2	339.1	85,100 *	195
200	40.6	319.1	60,700 *	43.7	327.4	75,800 *	46.5	334.4	81,500 *	200
205	38.7	312.9	58,600 *	41.9	321.9	72,700 *	44.8	329.4	78,100 *	205
210	36.7	306.3	56,600 *	40.0	316.0	69,700 *	43.0	324.1	74,800 *	210
215	34.6	299.1	54,600 *	38.0	309.7	67,000 *	41.2	318.5	71,800 *	215
220	32.4	291.4	52,800 *	36.0	302.9	64,300 *	39.3	312.4	68,900 *	220
225	30.0	282.9	51,200 *	33.8	295.6	61,800 *	37.3	306.0	66,200 *	225
230	27.4	273.5	49,600 *	31.5	287.6	59,300 *	35.2	299.0	63,500 *	230
235	24.6	263.0	48,200 *	29.1	278.8	57,000 *	33.0	291.4	61,100 *	235
240	21.4	250.8	47,000 *	26.4	269.1	54,800 *	30.7	283.2	58,700 *	240
250	12.8	216.9	42,500 *	20.1	245.1	50,600 *	25.4	263.9	54,200 *	250
260				10.6	207.1	42,400 *	18.8	238.5	50,000 *	260
270							7.7	193.8	41,800 *	270
280										280
290										290
300										300
310										310

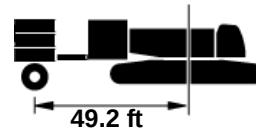


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



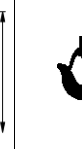
335,400 lb



157.5 ft

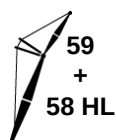


236.2 ft

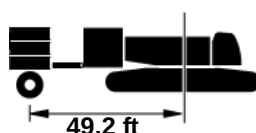
	75°			70°			65°			
										
	ft	o	ft	lb	o	ft	lb	o	ft	lb
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160	62.6	370.1	95,800 *							160
165	61.2	367.4	95,800 *							165
170	59.8	364.5	95,800 *							170
175	58.4	361.4	95,800 *							175
180	57.0	358.2	95,800 *							180
185	55.5	354.8	95,800 *							185
190	54.0	351.1	95,800 *	57.9	355.8	87,100 *				190
195	52.5	347.3	95,800 *	56.4	352.5	87,100 *				195
200	50.9	343.3	92,000 *	54.9	349.0	87,100 *				200
205	49.3	339.0	88,000 *	53.4	345.3	87,100 *				205
210	47.7	334.5	84,200 *	51.9	341.4	87,100 *				210
215	46.0	329.7	80,700 *	50.3	337.3	87,100 *				215
220	44.3	324.6	77,300 *	48.7	332.9	86,800 *	52.7	338.0	79,800 *	220
225	42.5	319.2	74,200 *	47.1	328.3	83,100 *	51.2	334.0	79,800 *	225
230	40.6	313.4	71,200 *	45.4	323.4	79,600 *	49.6	329.8	79,800 *	230
235	38.7	307.3	68,300 *	43.6	318.2	76,400 *	48.0	325.3	79,800 *	235
240	36.7	300.6	65,600 *	41.8	312.7	73,300 *	46.3	320.6	79,800 *	240
250	32.3	285.7	60,600 *	38.0	300.4	67,500 *	42.8	310.2	75,100 *	250
260	27.4	267.9	56,000 *	33.8	286.3	62,400 *	39.0	298.4	69,300 *	260
270	21.3	245.1	51,700 *	29.0	269.5	57,700 *	35.0	284.8	64,000 *	270
280	12.8	211.2	47,700 *	23.4	248.6	53,300 *	30.4	268.8	59,100 *	280
290				16.0	219.6	49,200 *	25.0	249.3	54,700 *	290
300							18.3	223.3	50,600 *	300
310							6.2	174.7	46,400 *	310

16000 MAX-ER

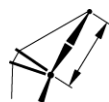
ANSI B30.5



332,000 lb
+
120,000 lb



157.5 ft



255.9 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
95	73.3	411.6	97,800 *							95
100	72.1	410.0	97,300 *							100
105	71.0	408.2	96,800 *							105
110	69.8	406.4	96,200 *							110
115	68.6	404.4	95,600 *	70.5	406.6	93,800 *				115
120	67.4	402.3	95,000 *	69.4	404.8	93,500 *				120
125	66.1	400.1	94,400 *	68.1	402.8	93,100 *				125
130	64.9	397.8	92,200 *	66.9	400.6	92,700 *				130
135	63.6	395.3	89,700 *	65.7	398.4	92,200 *	67.7	400.6	89,000 *	135
140	62.4	392.7	87,200 *	64.5	396.0	91,800 *	66.5	398.5	88,800 *	140
145	61.1	390.0	84,700 *	63.2	393.5	91,300 *	65.3	396.2	88,600 *	145
150	59.8	387.1	82,100 *	61.9	390.8	90,900 *	64.0	393.7	88,400 *	150
155	58.5	384.0	79,600 *	60.7	388.0	90,400 *	62.8	391.2	88,200 *	155
160	57.2	380.8	77,100 *	59.4	385.1	89,900 *	61.5	388.5	87,900 *	160
165	55.8	377.4	74,700 *	58.0	382.0	89,500 *	60.2	385.6	87,600 *	165
170	54.4	373.8	72,200 *	56.7	378.7	89,000 *	58.9	382.6	87,300 *	170
175	53.0	370.1	69,800 *	55.3	375.2	86,600 *	57.6	379.4	87,000 *	175
180	51.6	366.1	67,500 *	54.0	371.6	84,100 *	56.2	376.1	86,700 *	180
185	50.2	362.0	65,200 *	52.6	367.8	81,600 *	54.8	372.6	86,400 *	185
190	48.7	357.6	62,900 *	51.1	363.8	79,100 *	53.5	368.9	86,100 *	190
195	47.2	353.0	60,800 *	49.7	359.6	76,600 *	52.0	365.0	83,300 *	195
200	45.6	348.2	58,700 *	48.2	355.1	74,300 *	50.6	360.9	79,900 *	200
205	44.0	343.0	56,800 *	46.6	350.4	71,200 *	49.1	356.6	76,500 *	205
210	42.3	337.6	54,900 *	45.0	345.5	68,300 *	47.6	352.1	73,300 *	210
215	40.6	331.8	53,100 *	43.4	340.2	65,500 *	46.1	347.3	70,300 *	215
220	38.8	325.7	51,400 *	41.7	334.7	62,900 *	44.5	342.2	67,400 *	220
225	37.0	319.1	49,700 *	40.0	328.8	60,400 *	42.8	336.9	64,700 *	225
230	35.1	312.1	48,200 *	38.2	322.5	58,100 *	41.1	331.2	62,200 *	230
235	33.0	304.5	46,700 *	36.3	315.8	55,800 *	39.4	325.2	59,700 *	235
240	30.9	296.3	45,400 *	34.4	308.6	53,700 *	37.6	318.8	57,400 *	240
250	26.1	277.5	42,900 *	30.1	292.4	49,600 *	33.7	304.5	53,100 *	250
260	20.3	253.5	41,000 *	25.2	272.8	45,900 *	29.3	287.8	49,100 *	260
270	11.9	217.4	34,800 *	19.1	247.5	42,300 *	24.2	267.4	45,400 *	270
280				9.7	206.9	34,800 *	17.8	240.6	41,900 *	280
290							6.7	192.2	34,200 *	290
300										300
310										310
320										320
330										330

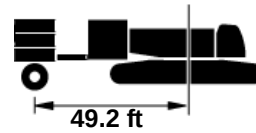


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



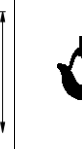
335,400 lb



157.5 ft

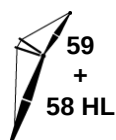


255.9 ft

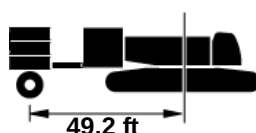
	75°			70°			65°			
										
	ft	o	ft	lb	ft	lb	ft	lb	ft	lb
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170	62.4	387.1	80,800 *							170
175	61.1	384.3	80,800 *							175
180	59.8	381.4	80,800 *							180
185	58.5	378.4	80,800 *							185
190	57.2	375.2	80,800 *							190
195	55.8	371.8	80,800 *							195
200	54.4	368.2	80,800 *	58.0	372.8	73,200 *				200
205	53.0	364.5	80,800 *	56.7	369.5	73,200 *				205
210	51.6	360.5	80,800 *	55.3	366.1	73,200 *				210
215	50.2	356.4	79,000 *	53.9	362.4	73,200 *				215
220	48.7	352.0	75,700 *	52.5	358.6	73,200 *				220
225	47.1	347.4	72,600 *	51.1	354.6	73,200 *				225
230	45.6	342.5	69,700 *	49.6	350.4	73,200 *				230
235	44.0	337.4	66,900 *	48.1	345.9	73,200 *	51.9	351.3	67,500 *	235
240	42.3	331.9	64,200 *	46.6	341.2	71,700 *	50.4	347.1	67,500 *	240
250	38.8	320.0	59,300 *	43.4	331.0	66,100 *	47.4	338.2	67,500 *	250
260	35.1	306.4	54,800 *	40.0	319.5	61,000 *	44.3	328.3	67,500 *	260
270	30.9	290.7	50,700 *	36.3	306.5	56,400 *	40.9	317.2	62,500 *	270
280	26.1	271.8	46,900 *	32.2	291.5	52,200 *	37.3	304.7	57,800 *	280
290	20.3	247.8	43,300 *	27.7	273.7	48,300 *	33.4	290.3	53,500 *	290
300	11.9	211.7	39,900 *	22.3	251.7	44,700 *	29.0	273.4	49,600 *	300
310				15.0	221.0	41,200 *	23.8	252.7	45,900 *	310
320							17.3	225.2	42,400 *	320
330							5.2	172.0	38,800 *	330

16000 MAX-ER

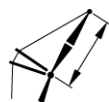
ANSI B30.5



332,000 lb
+
120,000 lb



157.5 ft



275.6 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
100	73.5	430.6	83,300 *							100
105	72.4	429.0	82,700 *							105
110	71.3	427.3	82,100 *							110
115	70.2	425.5	81,500 *							115
120	69.1	423.6	80,900 *	70.9	425.8	79,600 *				120
125	67.9	421.6	80,300 *	69.8	423.9	79,200 *				125
130	66.8	419.5	79,700 *	68.7	422.0	78,700 *				130
135	65.7	417.2	79,000 *	67.5	419.9	78,300 *				135
140	64.5	414.8	78,400 *	66.4	417.7	77,800 *				140
145	63.3	412.3	77,300 *	65.3	415.4	77,300 *	67.1	417.8	75,000 *	145
150	62.2	409.7	75,400 *	64.1	413.0	76,800 *	66.0	415.5	74,700 *	150
155	61.0	406.9	73,400 *	62.9	410.5	76,300 *	64.9	413.2	74,400 *	155
160	59.8	404.0	71,400 *	61.8	407.8	75,800 *	63.7	410.7	74,100 *	160
165	58.6	401.0	69,400 *	60.6	405.0	75,300 *	62.5	408.1	73,800 *	165
170	57.3	397.8	67,400 *	59.4	402.0	74,800 *	61.3	405.4	73,400 *	170
175	56.1	394.4	65,500 *	58.1	398.9	74,300 *	60.1	402.5	73,100 *	175
180	54.8	390.9	63,600 *	56.9	395.7	73,900 *	58.9	399.5	72,700 *	180
185	53.5	387.2	61,700 *	55.6	392.3	73,400 *	57.7	396.4	72,400 *	185
190	52.2	383.4	59,800 *	54.4	388.7	72,900 *	56.5	393.1	72,000 *	190
195	50.9	379.3	58,000 *	53.1	385.0	71,800 *	55.2	389.6	71,600 *	195
200	49.5	375.1	56,200 *	51.7	381.0	69,900 *	53.9	386.0	71,300 *	200
205	48.1	370.6	54,400 *	50.4	376.9	67,900 *	52.6	382.2	70,900 *	205
210	46.7	365.9	52,800 *	49.0	372.6	66,100 *	51.3	378.2	70,600 *	210
215	45.2	361.0	51,100 *	47.6	368.1	64,000 *	49.9	374.0	68,700 *	215
220	43.7	355.8	49,600 *	46.2	363.3	61,400 *	48.5	369.6	65,900 *	220
225	42.2	350.3	48,100 *	44.7	358.3	58,900 *	47.1	365.0	63,200 *	225
230	40.6	344.5	46,600 *	43.2	353.0	56,600 *	45.7	360.1	60,700 *	230
235	39.0	338.4	45,300 *	41.6	347.4	54,400 *	44.2	355.0	58,200 *	235
240	37.3	331.9	43,900 *	40.0	341.5	52,200 *	42.7	349.6	55,900 *	240
250	33.6	317.6	41,500 *	36.6	328.6	48,200 *	39.5	337.9	51,600 *	250
260	29.6	301.0	39,300 *	33.0	314.0	44,500 *	36.0	324.8	47,700 *	260
270	25.0	281.1	37,500 *	28.8	296.9	41,100 *	32.3	309.7	44,100 *	270
280	19.3	255.9	34,700 *	24.1	276.3	37,900 *	28.0	292.1	40,700 *	280
290	11.1	217.7	27,800 *	18.2	249.7	34,800 *	23.1	270.7	37,500 *	290
300				8.9	206.4	27,700 *	16.9	242.4	34,400 *	300
310							5.8	190.0	27,200 *	310
320										320
330										330
340										340
350										350

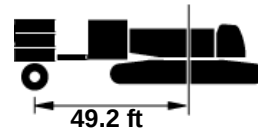


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



157.5 ft

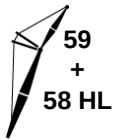


275.6 ft

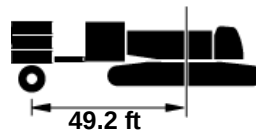
	75°			70°			65°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175										175
180	62.2	404.1	67,900 *							180
185	61.0	401.3	67,900 *							185
190	59.8	398.4	67,900 *							190
195	58.6	395.4	67,800 *							195
200	57.3	392.1	67,700 *							200
205	56.1	388.8	67,600 *							205
210	54.8	385.3	67,500 *							210
215	53.5	381.6	67,400 *	56.9	386.5	61,600 *				215
220	52.2	377.7	67,300 *	55.6	383.1	61,600 *				220
225	50.9	373.7	67,200 *	54.3	379.5	61,600 *				225
230	49.5	369.4	67,100 *	53.0	375.8	61,600 *				230
235	48.1	365.0	65,300 *	51.7	371.8	61,600 *				235
240	46.7	360.3	62,600 *	50.4	367.7	61,600 *				240
250	43.7	350.2	57,800 *	47.6	358.9	61,600 *	51.1	364.4	56,200 *	250
260	40.6	338.9	53,300 *	44.7	349.0	59,400 *	48.3	355.8	56,200 *	260
270	37.2	326.3	49,300 *	41.6	338.2	54,900 *	45.5	346.3	56,200 *	270
280	33.6	311.9	45,500 *	38.3	326.0	50,700 *	42.4	335.7	56,200 *	280
290	29.6	295.3	42,100 *	34.8	312.3	46,900 *	39.2	323.9	52,000 *	290
300	24.9	275.5	38,800 *	30.9	296.4	43,300 *	35.8	310.6	48,100 *	300
310	19.3	250.2	35,700 *	26.5	277.7	40,000 *	32.0	295.4	44,500 *	310
320	11.1	211.9	32,700 *	21.2	254.6	36,900 *	27.7	277.6	41,100 *	320
330				14.2	222.2	33,900 *	22.8	255.9	38,000 *	330
340							16.4	227.0	34,900 *	340
350							4.0	168.2	31,800 *	350

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



177.2 ft



78.7 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
45	73.7	261.7	391,400 *c							45
50	69.8	259.8	352,300 *c							50
55	65.9	257.6	318,000 *b							55
60	61.7	254.9	290,400 *b	69.3	258.5	370,500 *c				60
65	57.4	251.8	268,100 *b	65.3	256.2	352,500 *b				65
70	52.9	248.1	249,500 *	61.2	253.5	325,100 *b				70
75	48.1	243.6	234,200 *	56.8	250.2	298,700 *b	64.7	254.3	349,600 *b	75
80	42.8	238.4	221,700 *	52.2	246.4	277,000 *	60.5	251.5	332,900 *b	80
85	36.9	232.0	211,700 *	47.3	241.9	259,300 *	56.1	248.1	317,000 *b	85
90	29.9	223.8	204,300 *	42.0	236.5	244,700 *	51.5	244.2	301,900 *	90
95	20.7	212.3	200,300 *	36.0	229.9	233,000 *	46.5	239.6	285,500 *	95
100				28.8	221.4	224,200 *	41.1	234.0	268,600 *	100
105				19.1	209.0	202,700 *	34.9	227.2	246,800 *	105
110							27.5	218.3	226,900 *	110
115							17.1	204.9	202,200 *	115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160

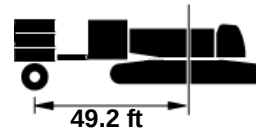


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



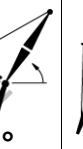
335,400 lb



177.2 ft

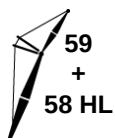


78.7 ft

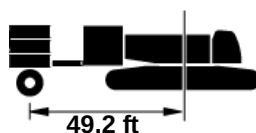
	75°			70°			65°			
										
	ft	ft	lb	ft	lb	ft	lb	ft	lb	ft
45										45
50										50
55										55
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95	60.6	247.9	303,300 *b							95
100	56.3	244.6	287,700 *b							100
105	51.7	240.7	273,400 *							105
110	46.7	236.1	260,000 *							110
115	41.3	230.6	247,800 *	56.1	239.6	240,000 *b				115
120	35.2	223.8	236,600 *	51.5	235.6	229,200 *				120
125	27.8	215.0	226,200 *	46.5	231.0	219,300 *				125
130	17.5	201.8	210,400 *	41.0	225.4	210,100 *				130
135				34.9	218.5	201,500 *	50.8	228.8	195,200 *	135
140				27.4	209.6	193,500 *	45.8	224.1	187,500 *	140
145				16.9	196.1	186,000 *	40.2	218.3	180,000	145
150							33.9	211.2	172,900	150
155							26.2	201.9	166,100	155
160							14.8	187.1	159,700	160

16000 MAX-ER

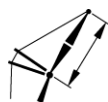
ANSI B30.5



332,000 lb
+
120,000 lb



177.2 ft



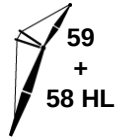
98.4 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
55	71.0	279.0	317,900 *b							55
60	67.8	277.0	289,000 *b							60
65	64.6	274.6	265,400 *b	70.5	277.7	333,300 *b				65
70	61.3	271.9	245,600 *	67.4	275.6	319,300 *b				70
75	57.9	268.8	229,200 *	64.1	273.2	304,500 *b				75
80	54.3	265.2	215,200 *	60.8	270.4	279,800 *	66.9	273.7	317,800 *b	80
85	50.5	261.1	203,400 *	57.4	267.2	259,600 *	63.6	271.2	304,700 *b	85
90	46.6	256.5	193,300 *	53.8	263.6	242,800 *	60.3	268.4	291,900 *	90
95	42.3	251.1	184,900 *	50.0	259.5	228,600 *	56.8	265.2	279,600 *	95
100	37.6	244.8	177,900 *	46.0	254.7	216,600 *	53.2	261.5	267,800 *	100
105	32.3	237.2	172,500 *	41.7	249.2	206,500 *	49.4	257.2	252,500 *	105
110	26.1	227.7	166,300 *	36.9	242.8	198,100 *	45.3	252.4	232,800 *	110
115	17.7	214.2	154,700 *	31.5	235.0	188,400 *	41.0	246.8	215,600 *	115
120				25.1	225.1	176,000 *	36.1	240.1	200,400 *	120
125				16.2	210.6	155,400 *	30.6	232.1	186,900 *	125
130							23.9	221.7	174,600 *	130
135							14.3	205.9	155,500 *	135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175										175
180										180

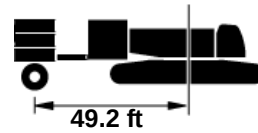


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



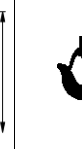
335,400 lb



177.2 ft

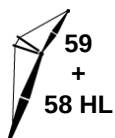


98.4 ft

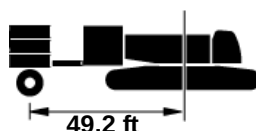
	75°			70°			65°			
										
	ft	o	ft	lb	ft	lb	ft	lb	ft	lb
55										55
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105	60.4	264.9	272,200 *							105
110	56.9	261.7	258,900 *							110
115	53.3	258.0	246,800 *							115
120	49.5	253.8	235,600 *							120
125	45.5	248.9	225,400 *	56.8	256.6	218,000 *				125
130	41.1	243.3	216,000 *	53.2	252.9	208,900 *				130
135	36.3	236.7	201,500 *	49.4	248.6	200,500 *				135
140	30.8	228.8	188,000 *	45.3	243.8	192,600 *				140
145	24.1	218.5	175,700 *	40.9	238.1	185,300 *	52.6	246.1	178,900	145
150	14.7	203.0	163,500 *	36.1	231.5	178,100	48.8	241.8	171,800	150
155				30.5	223.4	171,300	44.7	236.8	165,200	155
160				23.8	213.0	164,800	40.3	231.1	159,100	160
165				14.1	197.1	158,700	35.3	224.3	153,300	165
170							29.7	215.9	147,800	170
175							22.7	205.1	142,700	175
180							12.1	187.5	137,700	180

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



177.2 ft



118.1 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
60	71.7	298.1	289,600 *b							60
65	69.1	296.2	264,700 *b							65
70	66.5	294.0	244,100 *							70
75	63.8	291.6	226,800 *	68.7	294.9	288,900 *b				75
80	61.0	288.8	212,100 *	66.1	292.7	278,100 *				80
85	58.1	285.7	199,500 *	63.4	290.2	264,500 *				85
90	55.2	282.3	188,700 *	60.6	287.4	245,400 *	65.7	290.8	278,200 *	90
95	52.1	278.4	179,300 *	57.7	284.2	229,400 *	62.9	288.2	268,000 *	95
100	48.9	274.1	171,100 *	54.8	280.7	215,800 *	60.2	285.4	257,900 *	100
105	45.6	269.3	164,100 *	51.7	276.8	204,200 *	57.3	282.2	248,200 *	105
110	42.0	263.9	157,100 *	48.5	272.4	194,200 *	54.3	278.6	234,400 *	110
115	38.1	257.6	147,800 *	45.1	267.5	185,600 *	51.2	274.6	217,200 *	115
120	33.8	250.4	139,600 *	41.4	262.0	178,300 *	47.9	270.2	202,200 *	120
125	29.0	241.8	132,400 *	37.5	255.6	167,400 *	44.5	265.2	188,800 *	125
130	23.2	231.0	126,700 *	33.2	248.2	157,500 *	40.9	259.5	176,900 *	130
135	15.4	215.7	122,300 *	28.3	239.4	148,400 *	36.9	253.0	166,100 *	135
140				22.3	228.2	140,100 *	32.5	245.4	156,400 *	140
145				13.9	211.7	123,200 *	27.4	236.3	147,500 *	145
150							21.2	224.6	139,200 *	150
155							12.1	206.4	123,500 *	155
160										160
165										165
170										170
175										175
180										180
185										185
190										190
195										195
200										200

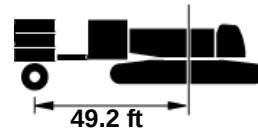


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



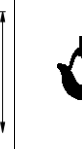
335,400 lb



177.2 ft

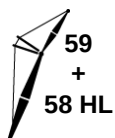


118.1 ft

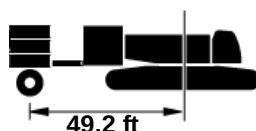
	75°			70°			65°			
										
	ft	o	ft	lb	ft	lb	ft	lb	ft	ft
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115	60.2	281.8	245,000 *							115
120	57.4	278.7	233,900 *							120
125	54.4	275.1	223,800 *							125
130	51.3	271.1	214,400 *							130
135	48.1	266.7	203,100 *	57.2	273.6	198,600 *				135
140	44.6	261.7	189,800 *	54.3	270.0	190,800 *				140
145	41.0	256.1	177,800 *	51.2	266.0	183,600 *				145
150	37.0	249.6	167,000 *	47.9	261.6	176,600				150
155	32.6	242.1	157,300 *	44.5	256.6	169,800				155
160	27.6	233.0	148,300 *	40.8	250.9	163,500	50.7	259.2	157,300	160
165	21.5	221.4	140,000 *	36.8	244.4	157,500	47.4	254.7	151,600	165
170	12.5	203.6	130,100 *	32.4	236.8	152,000	44.0	249.6	146,300	170
175				27.4	227.6	146,700	40.3	243.8	141,200	175
180				21.2	215.9	140,200 *	36.2	237.2	136,500	180
185				12.0	197.6	132,300 *	31.8	229.4	132,000	185
190							26.6	220.0	127,700	190
195							20.1	207.7	123,700	195
200							9.9	187.3	119,700	200

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



177.2 ft



137.8 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
65	72.2	317.2	248,900 *b							65
70	70.0	315.4	238,800 *							70
75	67.8	313.4	227,200 *							75
80	65.5	311.1	211,900 *	69.7	314.1	257,900 *				80
85	63.1	308.6	198,600 *	67.4	312.0	252,200 *				85
90	60.8	305.8	187,200 *	65.1	309.7	243,500 *				90
95	58.3	302.7	177,000 *	62.8	307.1	232,800 *	67.1	310.1	252,100 *	95
100	55.8	299.3	168,300 *	60.4	304.3	219,500 *	64.8	307.8	246,300 *	100
105	53.2	295.6	160,600 *	58.0	301.2	206,400 *	62.4	305.2	238,300 *	105
110	50.5	291.6	152,100 *	55.5	297.8	195,100 *	60.1	302.3	230,300 *	110
115	47.8	287.1	143,200 *	52.9	294.0	185,300 *	57.6	299.2	218,300 *	115
120	44.8	282.1	135,000 *	50.2	289.9	176,700 *	55.1	295.7	203,200 *	120
125	41.7	276.6	127,400 *	47.4	285.4	166,800 *	52.5	291.9	189,800 *	125
130	38.4	270.4	120,500 *	44.4	280.3	157,100 *	49.7	287.7	177,800 *	130
135	34.9	263.4	114,300 *	41.3	274.7	148,100 *	46.9	283.1	167,100 *	135
140	30.9	255.4	108,700 *	37.9	268.4	139,700 *	43.9	278.0	157,500 *	140
145	26.4	245.8	103,900 *	34.3	261.3	132,000 *	40.8	272.3	148,700 *	145
150	21.0	233.8	100,100 *	30.3	253.1	125,100 *	37.4	265.9	140,700 *	150
155	13.6	216.6	97,700 *	25.7	243.2	119,000 *	33.7	258.6	133,300 *	155
160				20.1	230.8	113,700 *	29.7	250.1	126,500 *	160
165				12.1	212.2	100,200 *	24.9	240.0	120,100 *	165
170							19.1	226.9	114,100 *	170
175							10.3	206.3	100,600 *	175
180										180
185										185
190										190
195										195
200										200
205										205
210										210
215										215
220										220

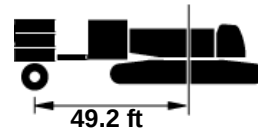


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



177.2 ft

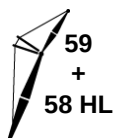


137.8 ft

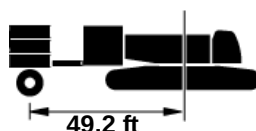
	75°			70°			65°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120	62.5	301.6	232,500 *							120
125	60.1	298.8	222,400 *							125
130	57.7	295.6	213,100 *							130
135	55.1	292.2	204,100 *							135
140	52.5	288.4	190,600 *							140
145	49.8	284.2	178,700 *	57.6	290.6	182,200 *				145
150	47.0	279.6	167,900 *	55.0	287.1	175,300				150
155	44.0	274.5	158,200 *	52.4	283.3	168,500				155
160	40.9	268.8	149,400 *	49.7	279.1	162,300				160
165	37.5	262.5	141,400 *	46.9	274.5	156,400				165
170	33.9	255.2	134,000 *	43.9	269.3	150,800	52.1	276.5	144,900	170
175	29.8	246.8	127,200 *	40.7	263.6	145,600	49.3	272.3	139,900	175
180	25.1	236.7	120,800 *	37.4	257.2	140,800	46.5	267.6	135,200	180
185	19.3	223.8	114,800 *	33.7	249.9	134,200 *	43.5	262.4	130,800	185
190	10.7	203.7	106,300 *	29.6	241.5	127,400 *	40.3	256.6	126,600	190
195				24.9	231.3	121,000 *	36.9	250.1	122,600	195
200				19.1	218.2	115,000 *	33.2	242.6	118,900	200
205				10.2	197.4	109,100 *	29.0	234.0	115,300	205
210							24.2	223.5	111,800	210
215							18.1	209.8	108,500	215
220							8.1	186.3	105,200	220

16000 MAX-ER

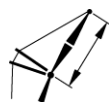
ANSI B30.5



332,000 lb
+
120,000 lb



177.2 ft



157.5 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
70	72.6	336.3	213,200 *							70
75	70.7	334.6	205,700 *							75
80	68.7	332.6	197,700 *							80
85	66.7	330.5	189,200 *	70.4	333.2	217,000 *				85
90	64.7	328.1	180,500 *	68.4	331.3	217,000 *				90
95	62.7	325.5	171,700 *	66.5	329.1	212,300 *				95
100	60.6	322.7	163,000 *	64.4	326.7	204,600 *				100
105	58.5	319.7	154,500 *	62.4	324.1	196,500 *	66.2	327.2	210,200 *	105
110	56.3	316.4	146,300 *	60.3	321.3	187,900 *	64.1	324.8	210,200 *	110
115	54.0	312.8	138,300 *	58.2	318.2	179,200 *	62.1	322.1	210,200 *	115
120	51.7	308.9	130,900 *	56.0	314.8	170,500 *	60.0	319.3	202,700 *	120
125	49.3	304.6	123,800 *	53.7	311.2	161,900 *	57.8	316.1	189,300 *	125
130	46.9	300.0	117,300 *	51.4	307.2	153,500 *	55.6	312.7	177,300 *	130
135	44.3	294.9	111,100 *	49.0	302.9	145,400 *	53.4	309.0	166,700 *	135
140	41.6	289.3	105,400 *	46.5	298.2	137,600 *	51.0	305.0	157,000 *	140
145	38.7	283.2	100,200 *	43.9	293.1	130,300 *	48.6	300.7	148,300 *	145
150	35.6	276.4	95,400 *	41.2	287.5	123,400 *	46.1	295.9	140,300 *	150
155	32.3	268.7	91,100 *	38.3	281.2	117,000 *	43.5	290.7	133,000 *	155
160	28.6	259.8	87,200 *	35.1	274.3	111,100 *	40.7	285.0	126,300 *	160
165	24.3	249.3	83,900 *	31.8	266.4	105,600 *	37.8	278.7	120,100 *	165
170	19.2	236.2	81,300 *	28.0	257.4	100,700 *	34.6	271.6	114,400 *	170
175	12.0	217.1	79,800 *	23.7	246.6	96,300 *	31.2	263.6	109,000 *	175
180				18.4	233.0	92,700 *	27.4	254.3	104,000 *	180
185				10.6	212.2	82,300 *	22.9	243.2	99,200 *	185
190							17.4	228.9	94,400 *	190
195							8.8	205.7	82,700 *	195
200										200
205										205
210										210
215										215
220										220
225										225
230										230
235										235
240										240

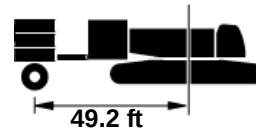


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



177.2 ft

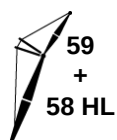


157.5 ft

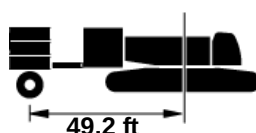
	75°			70°			65°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130	62.1	318.6	192,200 *							130
135	60.0	315.7	192,200 *							135
140	57.9	312.6	190,000 *							140
145	55.7	309.2	178,100 *							145
150	53.4	305.5	167,400 *							150
155	51.1	301.5	157,700 *	57.8	307.5	166,800				155
160	48.7	297.2	148,900 *	55.6	304.1	160,500				160
165	46.2	292.5	141,000 *	53.3	300.5	154,700				165
170	43.6	287.3	133,700 *	51.0	296.4	149,200				170
175	40.8	281.6	127,000 *	48.6	292.1	144,000				175
180	37.9	275.3	120,700 *	46.1	287.3	139,200				180
185	34.7	268.2	115,000 *	43.5	282.1	133,700 *	50.7	289.6	129,000	185
190	31.3	260.2	109,600 *	40.7	276.4	127,000 *	48.3	285.2	124,900	190
195	27.5	251.0	104,600 *	37.8	270.0	120,900 *	45.7	280.4	121,000	195
200	23.1	240.0	99,800 *	34.6	263.0	115,100 *	43.1	275.1	117,200	200
205	17.6	225.8	95,300 *	31.2	254.9	109,800 *	40.3	269.3	113,700	205
210	9.2	203.2	87,600 *	27.3	245.7	104,800 *	37.3	262.9	110,300	210
215				22.9	234.5	100,000 *	34.1	255.7	107,100	215
220				17.4	220.1	95,500 *	30.7	247.5	104,000	220
225				8.6	196.7	90,900 *	26.8	238.0	101,100	225
230							22.2	226.6	98,200	230
235							16.4	211.5	95,300 *	235
240							6.4	184.5	90,700 *	240

16000 MAX-ER

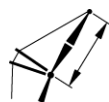
ANSI B30.5



332,000 lb
+
120,000 lb



177.2 ft



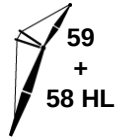
177.2 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
75	72.9	355.4	183,600 *							75
80	71.2	353.7	178,100 *							80
85	69.5	351.8	172,100 *							85
90	67.7	349.8	165,900 *	71.0	352.4	180,300 *				90
95	66.0	347.5	159,300 *	69.2	350.5	180,300 *				95
100	64.2	345.1	152,600 *	67.5	348.4	180,300 *				100
105	62.3	342.5	145,900 *	65.7	346.2	179,700 *				105
110	60.5	339.7	139,200 *	63.9	343.7	173,800 *	67.2	346.5	173,100 *	110
115	58.6	336.6	132,600 *	62.1	341.1	167,500 *	65.4	344.3	173,100 *	115
120	56.7	333.4	126,200 *	60.2	338.2	161,000 *	63.6	341.8	173,100 *	120
125	54.7	329.9	120,000 *	58.3	335.1	154,400 *	61.8	339.1	173,100 *	125
130	52.6	326.1	114,000 *	56.4	331.8	147,700 *	59.9	336.2	173,100 *	130
135	50.6	322.0	108,400 *	54.4	328.3	141,000 *	58.0	333.1	166,600 *	135
140	48.4	317.6	103,100 *	52.4	324.5	134,400 *	56.1	329.8	156,900 *	140
145	46.2	312.8	98,100 *	50.3	320.3	128,000 *	54.1	326.2	148,100 *	145
150	43.9	307.7	93,400 *	48.1	315.9	121,800 *	52.0	322.3	140,100 *	150
155	41.4	302.1	89,000 *	45.9	311.1	115,800 *	49.9	318.1	132,800 *	155
160	38.9	296.0	84,900 *	43.5	305.9	110,200 *	47.8	313.6	126,100 *	160
165	36.2	289.3	81,200 *	41.1	300.2	104,800 *	45.5	308.7	119,900 *	165
170	33.3	281.8	77,700 *	38.5	294.0	99,800 *	43.1	303.5	114,200 *	170
175	30.1	273.4	74,600 *	35.8	287.2	95,100 *	40.7	297.7	108,900 *	175
180	26.6	263.9	71,900 *	32.8	279.6	90,800 *	38.1	291.5	103,900 *	180
185	22.6	252.5	69,500 *	29.6	271.1	86,800 *	35.3	284.6	99,300 *	185
190	17.7	238.2	67,700 *	26.1	261.3	83,200 *	32.4	276.9	95,000 *	190
195	10.7	217.2	66,700 *	22.0	249.6	80,000 *	29.1	268.2	90,900 *	195
200				16.9	234.8	77,300 *	25.5	258.1	87,000 *	200
205				9.3	211.8	68,400 *	21.3	246.1	83,300 *	205
210							16.0	230.5	78,800 *	210
215							7.4	204.4	68,700 *	215
220										220
225										225
230										230
235										235
240										240
250										250
260										260

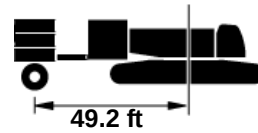


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



177.2 ft

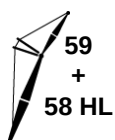


177.2 ft

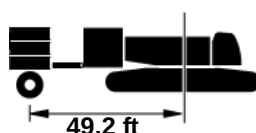
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140	61.8	335.6	159,000 *							140
145	60.0	332.7	159,000 *							145
150	58.1	329.6	159,000 *							150
155	56.1	326.3	157,500 *							155
160	54.1	322.7	148,700 *							160
165	52.1	318.8	140,700 *							165
170	50.0	314.6	133,400 *	56.1	321.2	146,100 *				170
175	47.8	310.1	126,700 *	54.1	317.6	142,700				175
180	45.6	305.3	120,500 *	52.0	313.7	137,800				180
185	43.2	300.0	114,700 *	49.9	309.5	133,300				185
190	40.8	294.3	109,400 *	47.7	305.0	126,700 *				190
195	38.2	288.1	104,500 *	45.5	300.1	120,500 *	51.7	306.9	119,600	195
200	35.4	281.2	99,800 *	43.1	294.9	114,800 *	49.6	302.7	115,900	200
205	32.5	273.5	95,500 *	40.7	289.1	109,500 *	47.4	298.1	112,300	205
210	29.2	264.8	91,400 *	38.1	282.8	104,600 *	45.2	293.2	109,000	210
215	25.6	254.9	87,500 *	35.3	275.9	100,000 *	42.8	287.9	105,800	215
220	21.4	242.9	83,800 *	32.3	268.2	95,600 *	40.3	282.1	102,800	220
225	16.2	227.5	80,200 *	29.1	259.5	91,500 *	37.7	275.7	99,900	225
230	7.8	202.1	73,100 *	25.5	249.4	87,700 *	34.9	268.7	97,100	230
235				21.2	237.4	84,000 *	31.9	260.9	94,400	235
240				15.9	221.7	80,400 *	28.6	252.0	91,300 *	240
250							20.6	229.3	83,800 *	250
260							4.7	181.4	76,500 *	260

16000 MAX-ER

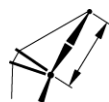
ANSI B30.5



332,000 lb
+
120,000 lb



177.2 ft

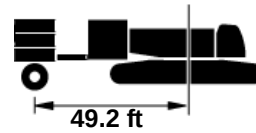


196.9 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
80	73.1	374.5	155,900 *							80
85	71.6	372.8	154,400 *							85
90	70.1	371.0	150,000 *							90
95	68.5	369.0	145,200 *							95
100	66.9	366.9	140,400 *	69.8	369.7	150,900 *				100
105	65.3	364.6	135,300 *	68.3	367.7	150,900 *				105
110	63.7	362.1	130,100 *	66.7	365.5	150,900 *				110
115	62.0	359.5	124,900 *	65.1	363.2	150,800 *				115
120	60.4	356.6	119,600 *	63.5	360.7	148,500 *	66.4	363.6	144,200 *	120
125	58.7	353.6	114,500 *	61.8	358.0	143,800 *	64.8	361.3	144,200 *	125
130	56.9	350.4	109,500 *	60.1	355.2	138,700 *	63.2	358.8	144,200 *	130
135	55.2	346.9	104,600 *	58.4	352.1	133,600 *	61.6	356.1	144,200 *	135
140	53.4	343.2	99,900 *	56.7	348.9	128,400 *	59.9	353.2	144,200 *	140
145	51.5	339.3	95,400 *	54.9	345.4	123,200 *	58.2	350.1	139,300 *	145
150	49.6	335.0	91,100 *	53.1	341.6	118,100 *	56.4	346.8	134,500 *	150
155	47.6	330.5	87,000 *	51.2	337.6	113,000 *	54.6	343.2	129,700 *	155
160	45.6	325.7	83,100 *	49.3	333.4	108,000 *	52.8	339.5	125,000 *	160
165	43.5	320.5	79,400 *	47.4	328.8	103,200 *	50.9	335.5	118,800 *	165
170	41.3	314.8	76,000 *	45.3	323.9	98,600 *	49.0	331.1	113,100 *	170
175	39.0	308.7	72,800 *	43.2	318.6	94,200 *	47.0	326.5	107,800 *	175
180	36.6	302.1	69,900 *	41.0	313.0	90,000 *	45.0	321.6	102,900 *	180
185	34.0	294.9	67,100 *	38.7	306.8	86,100 *	42.9	316.2	98,300 *	185
190	31.3	286.8	64,600 *	36.3	300.1	82,400 *	40.7	310.5	94,000 *	190
195	28.3	277.8	62,300 *	33.7	292.7	78,900 *	38.3	304.3	90,000 *	195
200	25.0	267.5	60,300 *	30.9	284.6	75,700 *	35.9	297.5	86,200 *	200
205	21.1	255.3	58,600 *	27.8	275.4	72,700 *	33.3	290.0	82,600 *	205
210	16.4	239.9	57,300 *	24.5	264.9	70,000 *	30.4	281.7	79,200 *	210
215	9.5	216.9	55,800 *	20.5	252.4	67,600 *	27.4	272.4	76,000 *	215
220				15.6	236.3	64,600 *	23.9	261.6	72,900 *	220
225				8.1	210.9	56,600 *	19.9	248.6	70,000 *	225
230							14.7	231.8	65,700 *	230
235							6.0	202.3	56,900 *	235
240										240
250										250
260										260
270										270
280										280



ANSI B30.5

16000 MAX-ER
332,000 lb
+
120,000 lb

177.2 ft

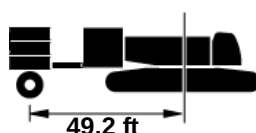
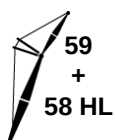


196.9 ft

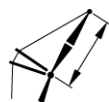
	 75°			 70°			 65°			
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150	61.6	352.5	131,600 *							150
155	59.9	349.6	131,600 *							155
160	58.2	346.6	131,600 *							160
165	56.5	343.3	131,600 *							165
170	54.7	339.7	129,900 *							170
175	52.9	336.0	125,500 *							175
180	51.0	332.0	119,300 *	56.4	338.2	119,600 *				180
185	49.1	327.7	113,600 *	54.6	334.6	119,600 *				185
190	47.1	323.0	108,300 *	52.8	330.9	119,600 *				190
195	45.1	318.1	103,400 *	50.9	326.9	119,300 *				195
200	42.9	312.8	98,800 *	49.0	322.5	113,600 *				200
205	40.7	307.1	94,500 *	47.0	317.9	108,400 *	52.5	324.1	108,200 *	205
210	38.4	300.8	90,500 *	45.0	313.0	103,500 *	50.7	320.0	107,200	210
215	36.0	294.1	86,700 *	42.8	307.6	98,900 *	48.7	315.7	104,100	215
220	33.3	286.6	83,100 *	40.6	301.9	94,600 *	46.7	311.0	101,100	220
225	30.5	278.4	79,700 *	38.3	295.6	90,600 *	44.7	306.0	98,200	225
230	27.5	269.0	76,500 *	35.8	288.8	86,800 *	42.5	300.6	95,400	230
235	24.0	258.3	73,400 *	33.2	281.4	83,200 *	40.3	294.8	92,800	235
240	20.0	245.5	70,400 *	30.4	273.0	79,900 *	38.0	288.5	90,300 *	240
250	6.5	200.4	60,900 *	23.9	252.9	73,600 *	32.8	274.0	83,000 *	250
260				14.7	223.0	67,700 *	26.9	256.1	76,500 *	260
270							19.2	231.6	70,500 *	270
280							2.4	175.2	64,300 *	280

16000 MAX-ER

ANSI B30.5



177.2 ft



216.5 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
85	73.3	393.5	131,200 *							85
90	71.9	391.9	130,800 *							90
95	70.5	390.1	130,400 *							95
100	69.1	388.2	127,000 *							100
105	67.7	386.2	123,400 *	70.3	388.8	126,700 *				105
110	66.3	384.0	119,500 *	68.9	386.9	126,600 *				110
115	64.8	381.6	115,600 *	67.5	384.8	126,500 *				115
120	63.3	379.1	111,700 *	66.1	382.6	126,300 *				120
125	61.8	376.4	107,600 *	64.6	380.2	126,000 *	67.3	382.9	120,800 *	125
130	60.3	373.6	103,600 *	63.1	377.7	125,700 *	65.8	380.7	120,800 *	130
135	58.7	370.6	99,600 *	61.6	375.0	123,700 *	64.4	378.3	120,800 *	135
140	57.2	367.4	95,700 *	60.1	372.1	120,000 *	62.9	375.7	120,800 *	140
145	55.6	364.0	91,900 *	58.5	369.1	116,000 *	61.4	373.0	120,800 *	145
150	53.9	360.3	88,100 *	57.0	365.8	112,000 *	59.8	370.1	120,800 *	150
155	52.3	356.5	84,500 *	55.3	362.4	108,100 *	58.3	367.1	120,800 *	155
160	50.6	352.4	81,000 *	53.7	358.7	104,100 *	56.7	363.8	120,800 *	160
165	48.8	348.0	77,700 *	52.0	354.9	100,100 *	55.1	360.3	116,900 *	165
170	47.0	343.4	74,500 *	50.3	350.7	96,200 *	53.5	356.6	111,400 *	170
175	45.1	338.5	71,400 *	48.6	346.4	92,400 *	51.8	352.7	106,400 *	175
180	43.2	333.2	68,600 *	46.7	341.7	88,700 *	50.0	348.5	101,500 *	180
185	41.2	327.6	65,900 *	44.9	336.7	85,100 *	48.3	344.1	96,900 *	185
190	39.2	321.5	63,400 *	42.9	331.4	81,700 *	46.5	339.4	92,700 *	190
195	37.0	315.0	61,000 *	40.9	325.7	78,400 *	44.6	334.4	88,700 *	195
200	34.7	307.9	58,800 *	38.8	319.6	75,200 *	42.6	329.0	84,900 *	200
205	32.2	300.1	56,700 *	36.7	312.9	72,200 *	40.6	323.2	81,400 *	205
210	29.6	291.5	54,800 *	34.3	305.7	69,400 *	38.5	317.0	78,000 *	210
215	26.7	281.9	53,100 *	31.9	297.9	66,800 *	36.3	310.3	74,900 *	215
220	23.5	270.9	51,600 *	29.2	289.2	64,400 *	34.0	303.0	71,900 *	220
225	19.8	257.9	50,400 *	26.3	279.4	62,100 *	31.5	295.1	69,000 *	225
230	15.3	241.4	49,500 *	23.1	268.1	60,100 *	28.8	286.2	66,300 *	230
235	8.5	216.1	45,900 *	19.3	254.8	58,300 *	25.8	276.2	63,700 *	235
240				14.5	237.6	53,700 *	22.5	264.7	61,200 *	240
250							13.6	232.8	54,700 *	250
260										260
270										270
280										280
290										290

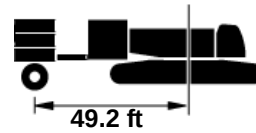


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



177.2 ft

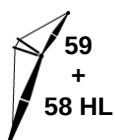


216.5 ft

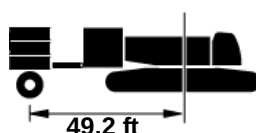
	75°			70°			65°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155	62.9	372.2	109,800 *							155
160	61.4	369.5	109,800 *							160
165	59.9	366.6	109,800 *							165
170	58.3	363.5	109,800 *							170
175	56.8	360.3	109,800 *							175
180	55.1	356.8	109,800 *							180
185	53.5	353.1	109,800 *							185
190	51.8	349.2	106,900 *	56.7	355.2	100,900 *				190
195	50.1	345.0	101,900 *	55.1	351.7	100,900 *				195
200	48.3	340.6	97,400 *	53.4	348.0	100,900 *				200
205	46.5	335.9	93,100 *	51.8	344.1	100,900 *				205
210	44.6	330.9	89,100 *	50.0	339.9	100,900 *				210
215	42.7	325.5	85,300 *	48.3	335.5	97,400 *				215
220	40.7	319.8	81,800 *	46.4	330.8	93,200 *	51.5	337.3	93,000 *	220
225	38.6	313.6	78,400 *	44.6	325.8	89,200 *	49.8	333.1	93,000 *	225
230	36.4	306.9	75,300 *	42.6	320.4	85,400 *	48.0	328.7	93,000 *	230
235	34.0	299.7	72,300 *	40.6	314.6	81,900 *	46.2	323.9	91,100	235
240	31.6	291.7	69,400 *	38.5	308.4	78,600 *	44.3	318.8	88,600	240
250	25.9	272.9	64,100 *	33.9	294.4	72,400 *	40.3	307.6	81,600 *	250
260	18.8	247.7	59,200 *	28.8	277.5	66,900 *	36.0	294.5	75,200 *	260
270	5.2	197.7	50,400 *	22.5	256.0	61,800 *	31.1	279.0	69,500 *	270
280				13.6	224.0	57,000 *	25.4	259.8	64,200 *	280
290							18.0	233.7	59,400 *	290

16000 MAX-ER

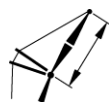
ANSI B30.5



332,000 lb
+
120,000 lb



177.2 ft



236.2 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
90	73.5	412.6	111,500 *							90
95	72.2	411.0	111,100 *							95
100	70.9	409.2	110,600 *							100
105	69.7	407.4	110,100 *							105
110	68.4	405.4	108,200 *							110
115	67.0	403.3	105,300 *	70.8	407.9	107,500 *				115
120	65.7	401.0	102,300 *	69.5	406.1	107,300 *				120
125	64.4	398.6	99,200 *	68.2	404.1	107,000 *				125
130	63.0	396.1	96,100 *	66.8	401.9	106,700 *				130
135	61.6	393.4	93,000 *	65.5	399.7	106,300 *	68.0	402.2	102,100 *	135
140	60.2	390.5	89,800 *	64.2	397.2	105,900 *	66.6	400.0	102,100 *	140
145	58.8	387.5	86,700 *	62.8	394.7	105,500 *	65.3	397.8	102,100 *	145
150	57.4	384.3	83,600 *	61.4	392.0	105,100 *	64.0	395.3	102,100 *	150
155	55.9	381.0	80,600 *	60.0	389.1	103,800 *	62.6	392.7	102,000 *	155
160	54.4	377.4	77,600 *	58.6	386.0	100,800 *	61.2	390.0	101,800 *	160
165	52.9	373.6	74,800 *	57.2	382.8	97,800 *	59.8	387.1	101,600 *	165
170	51.4	369.7	72,000 *	55.7	379.4	94,700 *	58.4	384.0	101,500 *	170
175	49.8	365.5	69,300 *	54.2	375.8	91,600 *	56.9	380.8	101,300 *	175
180	48.1	361.0	66,700 *	52.7	372.0	88,500 *	55.5	377.4	101,100 *	180
185	46.5	356.3	64,200 *	51.1	368.0	85,400 *	54.0	373.7	100,100 *	185
190	44.8	351.3	61,800 *	49.5	363.8	82,400 *	52.4	369.9	95,700 *	190
195	43.0	346.0	59,500 *	47.9	359.3	79,400 *	50.9	365.9	91,700 *	195
200	41.2	340.3	57,300 *	46.2	354.6	76,500 *	49.3	361.6	87,700 *	200
205	39.3	334.3	55,300 *	44.5	349.5	73,700 *	47.7	357.1	83,900 *	205
210	37.3	327.8	53,400 *	42.7	344.1	71,000 *	46.0	352.3	80,400 *	210
215	35.2	320.8	51,600 *	40.9	338.4	68,400 *	44.2	347.2	77,000 *	215
220	33.0	313.2	49,900 *	39.0	332.3	65,900 *	42.5	341.8	73,900 *	220
225	30.6	305.0	48,400 *	37.0	325.8	63,500 *	40.6	336.0	70,900 *	225
230	28.1	295.9	46,900 *	34.9	318.7	61,200 *	38.7	329.8	68,000 *	230
235	25.4	285.7	45,600 *	32.7	311.1	59,100 *	36.7	323.2	65,300 *	235
240	22.3	274.0	44,500 *	30.3	302.7	57,100 *	34.5	316.0	62,700 *	240
250	14.3	242.6	42,900 *	27.7	293.4	55,200 *	32.3	308.3	60,300 *	250
260				21.8	271.1	51,600 *	27.3	290.4	55,700 *	260
270				13.5	238.5	44,500 *	21.3	267.6	51,400 *	270
280							12.7	233.5	45,500 *	280
290										290
300										300
310										310

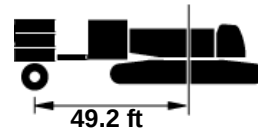


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



177.2 ft

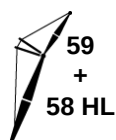


236.2 ft

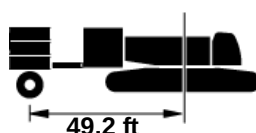
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165	62.6	389.2	92,800 *							165
170	61.3	386.5	92,800 *							170
175	59.9	383.6	92,800 *							175
180	58.4	380.5	92,800 *							180
185	57.0	377.3	92,800 *							185
190	55.5	373.8	92,800 *							190
195	54.0	370.2	92,800 *							195
200	52.5	366.4	92,800 *	56.9	372.2	84,800 *				200
205	50.9	362.4	92,100 *	55.5	368.7	84,800 *				205
210	49.3	358.1	88,100 *	54.0	365.1	84,800 *				210
215	47.7	353.6	84,300 *	52.4	361.3	84,800 *				215
220	46.0	348.8	80,700 *	50.9	357.3	84,800 *				220
225	44.3	343.7	77,400 *	49.3	353.0	84,800 *				225
230	42.5	338.3	74,200 *	47.6	348.5	84,300 *	52.2	354.5	77,500 *	230
235	40.7	332.5	71,200 *	46.0	343.6	80,800 *	50.6	350.5	77,500 *	235
240	38.7	326.4	68,400 *	44.2	338.5	77,500 *	49.0	346.2	77,500 *	240
250	34.6	312.6	63,100 *	40.6	327.4	71,300 *	45.7	336.7	77,500 *	250
260	30.0	296.5	58,300 *	36.6	314.5	65,800 *	42.2	326.1	74,100 *	260
270	24.6	276.5	53,900 *	32.3	299.6	60,800 *	38.4	314.1	68,300 *	270
280	17.7	249.8	49,700 *	27.3	281.7	56,200 *	34.2	300.1	63,100 *	280
290	3.8	193.7	41,300 *	21.3	258.9	52,000 *	29.5	283.7	58,400 *	290
300				12.6	224.7	47,900 *	24.0	263.3	54,000 *	300
310							16.9	235.6	49,900 *	310

16000 MAX-ER

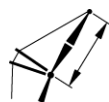
ANSI B30.5



332,000 lb
+
120,000 lb



177.2 ft



255.9 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
95	73.6	431.6	95,000 *							95
100	72.5	430.0	94,600 *							100
105	71.3	428.4	94,100 *							105
110	70.1	426.5	93,600 *							110
115	68.9	424.6	93,100 *							115
120	67.7	422.6	92,500 *	69.9	425.2	91,000 *				120
125	66.5	420.4	90,400 *	68.7	423.3	90,700 *				125
130	65.2	418.1	88,000 *	67.5	421.2	90,400 *				130
135	64.0	415.6	85,600 *	66.3	419.0	90,100 *				135
140	62.7	413.1	83,100 *	65.1	416.7	89,700 *	67.3	419.4	86,500 *	140
145	61.5	410.4	80,600 *	63.8	414.2	89,300 *	66.1	417.1	86,400 *	145
150	60.2	407.5	78,100 *	62.6	411.6	88,900 *	64.9	414.8	86,300 *	150
155	58.9	404.5	75,700 *	61.3	408.9	88,500 *	63.6	412.3	86,100 *	155
160	57.5	401.3	73,200 *	60.0	406.0	88,100 *	62.4	409.7	85,900 *	160
165	56.2	398.0	70,800 *	58.7	403.0	87,700 *	61.1	407.0	85,700 *	165
170	54.8	394.5	68,400 *	57.3	399.8	85,400 *	59.8	404.0	85,500 *	170
175	53.4	390.8	66,100 *	56.0	396.5	83,000 *	58.5	401.0	85,300 *	175
180	52.0	386.9	63,800 *	54.6	392.9	80,500 *	57.1	397.8	85,000 *	180
185	50.6	382.8	61,600 *	53.2	389.2	78,100 *	55.8	394.4	84,800 *	185
190	49.1	378.5	59,500 *	51.8	385.3	75,700 *	54.4	390.8	84,500 *	190
195	47.6	374.0	57,500 *	50.4	381.2	73,300 *	53.0	387.1	84,300 *	195
200	46.0	369.2	55,500 *	48.9	376.8	70,900 *	51.6	383.1	82,300 *	200
205	44.4	364.1	53,600 *	47.4	372.2	68,600 *	50.1	379.0	78,800 *	205
210	42.8	358.7	51,700 *	45.8	367.4	66,300 *	48.6	374.6	75,500 *	210
215	41.1	353.1	50,000 *	44.2	362.3	64,100 *	47.1	370.0	72,300 *	215
220	39.3	347.0	48,400 *	42.6	356.9	61,900 *	45.6	365.1	69,400 *	220
225	37.5	340.6	46,900 *	40.9	351.2	59,800 *	44.0	360.0	66,600 *	225
230	35.6	333.7	45,400 *	39.1	345.1	57,800 *	42.3	354.5	63,900 *	230
235	33.6	326.3	44,000 *	37.3	338.6	55,900 *	40.6	348.7	61,400 *	235
240	31.5	318.3	42,800 *	35.3	331.6	54,100 *	38.8	342.6	59,000 *	240
250	26.8	299.9	40,500 *	31.2	316.1	50,600 *	35.0	329.0	54,500 *	250
260	21.2	276.8	38,700 *	26.5	297.4	46,800 *	30.8	313.2	50,400 *	260
270	13.4	243.5	35,600 *	20.7	273.9	43,200 *	26.1	294.3	46,600 *	270
280				12.6	239.3	36,600 *	20.2	270.2	43,100 *	280
290							11.8	234.0	37,500 *	290
300										300
310										310
320										320
330										330

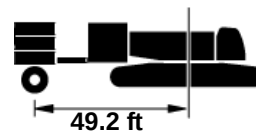


ANSI B30.5

16000 MAX-ER



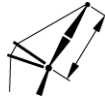
332,000 lb
+
120,000 lb



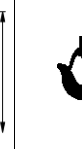
335,400 lb



177.2 ft

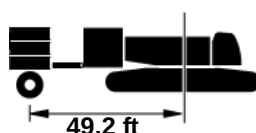
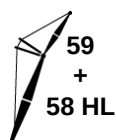


255.9 ft

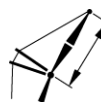
	75°			70°			65°			
										
	ft	ft	lb	ft	lb	ft	lb	ft	lb	ft
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175	62.4	406.2	78,400 *							175
180	61.1	403.4	78,400 *							180
185	59.8	400.5	78,400 *							185
190	58.5	397.5	78,400 *							190
195	57.2	394.2	78,400 *							195
200	55.8	390.9	78,400 *							200
205	54.5	387.3	78,400 *							205
210	53.1	383.6	78,400 *	57.1	389.2	71,300 *				210
215	51.6	379.6	78,400 *	55.8	385.8	71,300 *				215
220	50.2	375.5	78,400 *	54.4	382.2	71,300 *				220
225	48.7	371.1	75,800 *	53.0	378.5	71,300 *				225
230	47.2	366.5	72,700 *	51.6	374.5	71,300 *				230
235	45.6	361.6	69,700 *	50.1	370.4	71,300 *				235
240	44.0	356.5	66,900 *	48.6	366.0	71,300 *	52.8	371.7	64,800 *	240
250	40.6	345.3	61,700 *	45.5	356.5	69,800 *	49.9	363.5	64,800 *	250
260	37.0	332.6	57,000 *	42.3	345.9	64,400 *	46.9	354.5	64,800 *	260
270	33.1	318.0	52,800 *	38.8	334.0	59,500 *	43.7	344.4	64,800 *	270
280	28.6	300.9	48,800 *	35.0	320.4	55,000 *	40.3	333.1	61,700 *	280
290	23.4	279.9	45,200 *	30.8	304.6	50,900 *	36.7	320.2	57,100 *	290
300	16.7	251.6	41,600 *	26.0	285.6	47,100 *	32.7	305.5	52,800 *	300
310	1.7	185.5	33,100 *	20.2	261.5	43,600 *	28.2	288.0	49,000 *	310
320				11.7	225.2	40,100 *	22.9	266.5	45,300 *	320
330							15.9	237.2	41,800 *	330

16000 MAX-ER

ANSI B30.5



177.2 ft



275.6 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
100	73.8	450.7	81,100 *							100
105	72.7	449.1	80,600 *							105
110	71.6	447.5	80,100 *							110
115	70.5	445.7	79,500 *							115
120	69.4	443.8	79,000 *							120
125	68.2	441.8	78,500 *	70.3	444.4	77,300 *				125
130	67.1	439.7	77,900 *	69.2	442.5	77,000 *				130
135	66.0	437.5	77,300 *	68.1	440.5	76,600 *				135
140	64.8	435.1	75,800 *	67.0	438.3	76,200 *				140
145	63.7	432.7	73,900 *	65.8	436.1	75,800 *	67.9	438.6	73,200 *	145
150	62.5	430.1	72,000 *	64.7	433.7	75,300 *	66.8	436.5	73,000 *	150
155	61.3	427.3	70,000 *	63.5	431.2	74,900 *	65.6	434.2	72,800 *	155
160	60.1	424.5	68,000 *	62.3	428.6	74,500 *	64.5	431.8	72,600 *	160
165	58.9	421.5	66,100 *	61.1	425.9	74,000 *	63.3	429.3	72,300 *	165
170	57.7	418.3	64,100 *	59.9	423.0	73,600 *	62.2	426.7	72,100 *	170
175	56.4	415.0	62,200 *	58.7	420.0	73,100 *	61.0	423.9	71,800 *	175
180	55.2	411.5	60,300 *	57.5	416.8	72,700 *	59.8	421.0	71,500 *	180
185	53.9	407.9	58,500 *	56.3	413.5	72,200 *	58.5	418.0	71,200 *	185
190	52.6	404.1	56,600 *	55.0	410.0	70,800 *	57.3	414.7	70,900 *	190
195	51.2	400.1	54,900 *	53.7	406.3	68,900 *	56.1	411.4	70,600 *	195
200	49.9	395.9	53,100 *	52.4	402.5	67,000 *	54.8	407.9	70,200 *	200
205	48.5	391.5	51,500 *	51.1	398.5	65,100 *	53.5	404.2	69,900 *	205
210	47.1	386.9	49,800 *	49.7	394.2	63,200 *	52.2	400.3	69,600 *	210
215	45.6	382.0	48,300 *	48.3	389.8	61,300 *	50.8	396.3	69,300 *	215
220	44.1	376.9	46,800 *	46.9	385.1	59,500 *	49.5	392.0	67,800 *	220
225	42.6	371.5	45,300 *	45.4	380.2	57,700 *	48.1	387.6	65,000 *	225
230	41.0	365.8	43,900 *	43.9	375.1	56,000 *	46.7	382.9	62,400 *	230
235	39.4	359.8	42,600 *	42.4	369.7	54,300 *	45.2	377.9	59,900 *	235
240	37.7	353.4	41,400 *	40.8	363.9	52,700 *	43.7	372.7	57,500 *	240
250	34.1	339.3	39,000 *	37.5	351.4	49,100 *	40.6	361.5	53,100 *	250
260	30.2	323.1	37,000 *	33.9	337.2	45,400 *	37.2	348.8	49,000 *	260
270	25.6	303.8	35,300 *	29.9	320.8	41,900 *	33.6	334.5	45,300 *	270
280	20.2	279.5	33,900 *	25.3	301.2	38,600 *	29.5	317.9	41,800 *	280
290	12.6	244.2	28,400 *	19.7	276.4	35,500 *	24.9	298.0	38,500 *	290
300				11.8	239.7	29,400 *	19.3	272.6	35,500 *	300
310							11.0	234.2	30,300 *	310
320										320
330										330
340										340
350										350

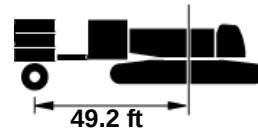


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



177.2 ft

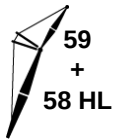


275.6 ft

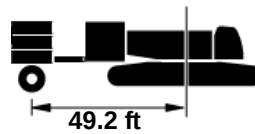
	75°			70°			65°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175										175
180										180
185	62.2	423.1	66,100 *							185
190	61.0	420.4	66,100 *							190
195	59.8	417.5	66,100 *							195
200	58.6	414.4	66,100 *							200
205	57.3	411.2	66,100 *							205
210	56.1	407.9	66,100 *							210
215	54.8	404.4	66,100 *							215
220	53.5	400.7	66,100 *	57.3	406.1	59,800 *				220
225	52.2	396.8	66,000 *	56.0	402.8	59,800 *				225
230	50.9	392.8	65,900 *	54.8	399.3	59,800 *				230
235	49.5	388.5	65,900 *	53.5	395.6	59,800 *				235
240	48.1	384.1	65,300 *	52.2	391.7	59,800 *				240
250	45.2	374.5	60,200 *	49.5	383.4	59,800 *				250
260	42.2	363.8	55,500 *	46.6	374.3	59,800 *	50.6	380.9	54,600 *	260
270	39.0	351.9	51,300 *	43.7	364.1	57,900 *	47.9	372.1	54,600 *	270
280	35.5	338.5	47,400 *	40.6	352.9	53,500 *	45.0	362.4	54,600 *	280
290	31.7	323.1	43,800 *	37.2	340.2	49,400 *	41.9	351.6	54,600 *	290
300	27.4	305.1	40,400 *	33.6	325.8	45,700 *	38.7	339.6	51,300 *	300
310	22.4	283.0	37,300 *	29.5	309.2	42,200 *	35.2	326.1	47,500 *	310
320	15.8	253.2	34,300 *	24.9	289.3	39,000 *	31.3	310.5	43,900 *	320
330				19.2	263.9	35,900 *	27.0	292.1	40,600 *	330
340				10.9	225.4	32,900 *	21.8	269.5	37,400 *	340
350							15.1	238.6	34,500 *	350

16000 MAX-ER

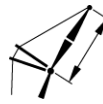
ANSI B30.5



332,000 lb
+
120,000 lb



196.9 ft



78.7 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
50	70.9	280.0	339,600 * ^c							50
55	67.0	277.9	307,600 * ^b							55
60	62.9	275.4	281,800 * ^b							60
65	58.6	272.3	260,700 * ^b	67.2	276.9	328,400 * ^c				65
70	54.2	268.8	243,100 * ^b	63.2	274.4	313,100 * ^b				70
75	49.4	264.6	228,400 *	58.9	271.4	293,800 * ^b	67.4	275.3	327,700 * ^c	75
80	44.3	259.6	216,300 *	54.5	267.9	272,600 * ^b	63.4	272.8	313,200 * ^b	80
85	38.6	253.5	206,600 *	49.7	263.7	255,200 *	59.1	269.9	299,000 * ^b	85
90	31.9	245.9	199,200 *	44.6	258.8	240,800 *	54.7	266.4	285,200 * ^b	90
95	23.6	235.6	194,800 *	39.0	252.8	229,000 *	50.0	262.2	272,200 *	95
100	8.9	216.1	160,400 *	32.4	245.3	219,900 *	44.9	257.3	259,900 *	100
105				24.2	235.2	213,600 *	39.3	251.4	248,400 *	105
110				10.7	217.3	173,900 *	32.8	244.0	237,300 *	110
115							24.7	234.2	221,500 *	115
120							11.8	217.1	186,300 *	120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170

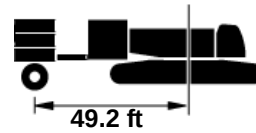


ANSI B30.5

16000 MAX-ER



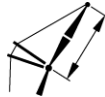
332,000 lb
+
120,000 lb



335,400 lb



196.9 ft



78.7 ft

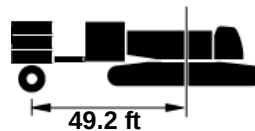
	75°			70°			65°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
50										50
55										55
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100	60.7	267.0	283,700 *b							100
105	56.4	263.7	269,600 *b							105
110	51.8	259.8	256,400 *							110
115	46.8	255.2	244,400 *							115
120	41.4	249.7	233,300 *	57.6	259.3	224,800 *b				120
125	35.3	243.0	223,200 *	53.1	255.6	215,000 *b				125
130	27.9	234.2	213,700 *	48.3	251.2	206,000 *				130
135	17.8	221.2	204,900 *	43.0	246.0	197,700 *				135
140				37.1	239.6	189,900 *				140
145				30.2	231.5	182,600 *	49.1	245.1	175,600	145
150				21.2	220.2	175,400	44.0	240.1	168,600	150
155							38.2	234.0	162,100	155
160							31.5	226.3	156,000	160
165							23.1	215.7	150,200	165
170							7.0	194.4	144,600	170

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



335,400 lb



196.9 ft



98.4 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
55	71.8	299.1	302,800 * ^c							55
60	68.7	297.2	278,100 * ^b							60
65	65.5	294.9	256,300 * ^b							65
70	62.2	292.3	237,900 * ^b	68.9	296.2	296,600 * ^b				70
75	58.8	289.3	222,200 *	65.7	293.9	284,500 * ^b				75
80	55.3	285.9	209,200 *	62.4	291.3	272,700 * ^b				80
85	51.6	282.0	198,000 *	59.0	288.4	254,400 *	65.9	292.4	285,400 * ^b	85
90	47.7	277.5	188,400 *	55.5	285.0	237,900 *	62.6	289.8	274,000 * ^b	90
95	43.5	272.3	180,200 *	51.8	281.1	224,200 *	59.2	286.8	262,900 *	95
100	38.9	266.3	172,800 *	47.9	276.6	212,600 *	55.7	283.4	252,200 *	100
105	33.9	259.1	163,100 *	43.8	271.5	202,700 *	52.0	279.6	242,000 *	105
110	27.9	250.2	155,000 *	39.2	265.5	194,500 *	48.1	275.2	232,200 *	110
115	20.3	238.2	149,000 *	34.2	258.5	185,500 *	44.0	270.1	223,000 *	115
120	5.8	213.8	128,100 *	28.3	249.7	175,500 *	39.5	264.2	210,600 *	120
125				20.9	238.0	167,400 *	34.5	257.2	196,000 *	125
130				7.8	216.1	138,900 *	28.7	248.5	182,900 *	130
135							21.3	237.0	171,000 *	135
140							9.0	216.5	145,500 *	140
145										145
150										150
155										155
160										160
165										165
170										170
175										175
180										180
185										185

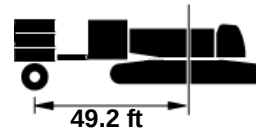


ANSI B30.5

16000 MAX-ER



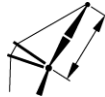
332,000 lb
+
120,000 lb



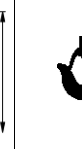
335,400 lb



196.9 ft



98.4 ft

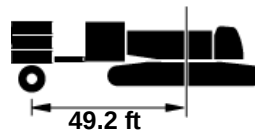
	75°			70°			65°			
										
	ft	o	ft	lb	ft	lb	ft	lb	ft	lb
55										55
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110	60.5	284.0	255,200 *							110
115	57.0	280.7	243,200 *							115
120	53.4	277.1	232,300 *							120
125	49.6	272.9	222,200 *							125
130	45.5	268.0	212,900 *							130
135	41.2	262.5	204,300 *	54.4	272.7	196,500 *				135
140	36.4	255.9	196,200 *	50.7	268.7	188,800 *				140
145	30.9	247.9	188,200 *	46.7	264.0	181,600 *				145
150	24.3	237.7	175,900 *	42.5	258.7	174,700				150
155	14.9	222.4	164,500 *	37.8	252.4	168,000	51.4	262.6	161,000	155
160				32.6	244.9	161,700	47.5	258.0	155,000	160
165				26.3	235.5	155,800	43.3	252.8	149,400	165
170				18.1	222.3	150,200	38.7	246.8	144,100	170
175							33.5	239.5	139,100	175
180							27.5	230.5	134,400	180
185							19.8	218.2	129,900	185

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



196.9 ft



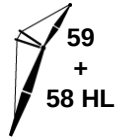
118.1 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
60	72.4	318.2	258,000 *b							60
65	69.8	316.4	246,900 *b							65
70	67.2	314.3	234,900 *b							70
75	64.5	311.9	219,400 *	70.0	315.4	268,400 *b				75
80	61.8	309.3	205,700 *	67.4	313.3	258,900 *b				80
85	58.9	306.3	193,800 *	64.7	310.9	249,300 *				85
90	56.0	302.9	183,600 *	61.9	308.3	237,700 *	67.5	311.7	260,000 *b	90
95	53.0	299.2	174,600 *	59.1	305.3	224,600 *	64.8	309.4	251,100 *	95
100	49.8	295.0	164,500 *	56.2	302.0	211,400 *	62.1	306.7	242,200 *	100
105	46.5	290.3	154,800 *	53.2	298.3	200,200 *	59.3	303.8	233,300 *	105
110	43.0	285.1	145,700 *	50.0	294.1	189,800 *	56.3	300.5	224,800 *	110
115	39.2	279.1	137,600 *	46.7	289.5	178,800 *	53.3	296.8	216,600 *	115
120	35.0	272.1	130,400 *	43.2	284.3	168,500 *	50.2	292.7	208,700 *	120
125	30.4	264.0	124,100 *	39.4	278.3	158,900 *	46.9	288.0	198,300 *	125
130	24.9	253.9	118,800 *	35.3	271.5	150,100 *	43.4	282.9	185,300 *	130
135	17.9	240.3	115,100 *	30.7	263.4	142,300 *	39.6	276.9	173,700 *	135
140				25.3	253.5	135,500 *	35.5	270.1	163,300 *	140
145				18.4	240.2	130,100 *	31.0	262.1	153,800 *	145
150				5.2	213.4	109,600 *	25.6	252.3	145,100 *	150
155							18.8	239.3	136,900 *	155
160							6.7	214.7	115,500 *	160
165										165
170										170
175										175
180										180
185										185
190										190
195										195
200										200
205										205

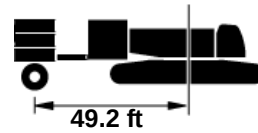


ANSI B30.5

16000 MAX-ER



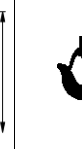
332,000 lb
+
120,000 lb



196.9 ft

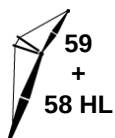


118.1 ft

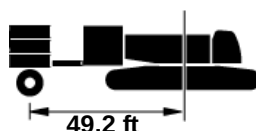
	75°			70°			65°			
										
	ft	o	ft	lb	o	ft	lb	o	ft	lb
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120	60.3	300.9	230,400 *							120
125	57.4	297.7	220,400 *							125
130	54.5	294.2	211,200 *							130
135	51.4	290.2	202,600 *							135
140	48.1	285.8	194,700 *							140
145	44.7	280.8	187,300 *	55.3	289.8	179,800 *				145
150	41.0	275.2	178,400 *	52.3	286.0	173,000				150
155	37.1	268.8	167,600 *	49.1	281.7	166,400				155
160	32.7	261.2	157,800 *	45.7	276.9	160,200				160
165	27.7	252.2	148,800 *	42.1	271.4	154,300	52.8	279.8	147,500	165
170	21.6	240.6	140,400 *	38.3	265.2	148,900	49.6	275.6	142,300	170
175	12.7	223.1	131,200 *	34.0	258.1	143,800	46.3	270.9	137,400	175
180				29.2	249.5	138,900	42.8	265.6	132,800	180
185				23.5	238.9	134,300	39.0	259.5	128,400	185
190				15.8	223.8	129,900	34.8	252.6	124,300	190
195							30.1	244.3	120,400	195
200							24.6	234.1	116,600	200
205							17.4	220.2	113,000	205

16000 MAX-ER

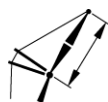
ANSI B30.5



332,000 lb
+
120,000 lb



196.9 ft



137.8 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
65	72.8	337.3	221,400 *b							65
70	70.6	335.6	213,100 *b							70
75	68.4	333.6	204,000 *							75
80	66.1	331.4	194,600 *	70.8	334.5	230,500 *b				80
85	63.8	328.9	185,000 *	68.5	332.6	226,100 *				85
90	61.4	326.2	175,400 *	66.3	330.4	218,200 *				90
95	59.0	323.2	166,000 *	63.9	327.9	209,600 *				95
100	56.5	319.9	156,900 *	61.6	325.2	200,500 *	66.4	328.8	225,900 *	100
105	54.0	316.3	148,200 *	59.2	322.3	191,100 *	64.1	326.4	222,800 *	105
110	51.3	312.4	140,000 *	56.7	319.0	181,600 *	61.7	323.7	215,700 *	110
115	48.5	308.0	132,300 *	54.1	315.4	172,100 *	59.3	320.7	208,600 *	115
120	45.6	303.2	125,100 *	51.5	311.5	163,100 *	56.8	317.5	201,800 *	120
125	42.6	297.8	118,400 *	48.7	307.1	154,300 *	54.2	313.9	195,100 *	125
130	39.4	291.8	112,300 *	45.8	302.3	146,000 *	51.6	310.0	185,900 *	130
135	35.9	285.1	106,800 *	42.8	297.0	138,200 *	48.9	305.7	174,300 *	135
140	32.0	277.3	101,900 *	39.6	291.1	130,900 *	46.0	300.9	164,000 *	140
145	27.7	268.2	97,600 *	36.1	284.4	124,100 *	43.0	295.6	154,600 *	145
150	22.6	257.1	94,100 *	32.3	276.7	118,000 *	39.7	289.7	146,100 *	150
155	16.0	241.9	91,800 *	28.0	267.7	112,500 *	36.3	283.0	138,300 *	155
160				23.0	256.7	107,700 *	32.5	275.4	131,100 *	160
165				16.5	241.9	104,100 *	28.2	266.5	124,400 *	165
170							23.3	255.6	118,200 *	170
175							16.9	241.1	111,300 *	175
180							4.2	211.1	93,100 *	180
185										185
190										190
195										195
200										200
205										205
210										210
215										215
220										220
225										225

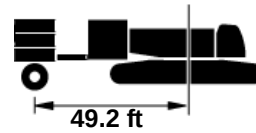


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



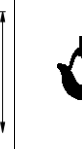
335,400 lb



196.9 ft

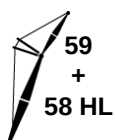


137.8 ft

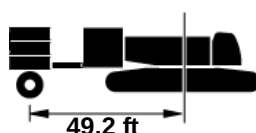
	75°			70°			65°			
	 ft	 °	 ft	 lb	 °	 ft	 lb	 °	 ft	 lb
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125	62.6	320.7	209,900 *							125
130	60.2	317.9	209,800 *							130
135	57.7	314.7	201,300 *							135
140	55.2	311.3	193,400 *							140
145	52.6	307.5	186,000 *							145
150	49.9	303.3	178,900 *							150
155	47.1	298.7	168,100 *	55.9	306.8	165,000				155
160	44.1	293.6	158,400 *	53.3	303.1	158,800				160
165	40.9	288.0	149,600 *	50.7	299.1	153,100				165
170	37.6	281.6	141,500 *	47.9	294.6	147,700				170
175	33.9	274.4	134,100 *	45.0	289.7	142,600				175
180	29.9	266.0	127,300 *	41.9	284.2	137,800	51.1	293.0	131,400	180
185	25.2	255.9	120,900 *	38.6	278.0	133,300	48.4	288.6	127,100	185
190	19.5	243.1	114,900 *	35.0	271.1	129,000	45.5	283.7	123,000	190
195	11.0	223.2	107,100 *	31.1	263.1	124,900	42.4	278.3	119,200	195
200				26.6	253.6	121,100	39.2	272.3	115,500	200
205				21.3	241.7	117,100 *	35.7	265.5	112,000	205
210				14.0	224.9	111,200 *	31.8	257.7	108,700	210
215							27.5	248.5	105,500	215
220							22.3	237.2	102,500	220
225							15.5	221.7	99,500	225

16000 MAX-ER

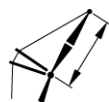
ANSI B30.5



332,000 lb
+
120,000 lb



196.9 ft



157.5 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
70	73.1	356.4	190,800 *							70
75	71.2	354.7	184,500 *							75
80	69.3	352.8	177,800 *							80
85	67.3	350.7	170,700 *							85
90	65.3	348.4	163,300 *	69.4	351.8	194,800 *				90
95	63.3	345.9	155,800 *	67.4	349.7	190,900 *				95
100	61.2	343.2	148,400 *	65.4	347.4	184,600 *				100
105	59.1	340.2	141,100 *	63.4	344.9	177,900 *	67.5	348.1	188,300 *	105
110	56.9	336.9	134,000 *	61.3	342.2	170,800 *	65.5	345.9	188,300 *	110
115	54.7	333.4	127,200 *	59.2	339.2	163,600 *	63.5	343.4	188,300 *	115
120	52.4	329.6	120,700 *	57.0	336.0	156,200 *	61.4	340.6	188,300 *	120
125	50.0	325.4	114,600 *	54.8	332.5	148,900 *	59.3	337.7	184,300 *	125
130	47.6	320.9	108,800 *	52.5	328.7	141,600 *	57.1	334.5	177,600 *	130
135	45.0	316.0	103,300 *	50.2	324.6	134,600 *	54.9	331.0	170,600 *	135
140	42.3	310.5	98,200 *	47.7	320.1	128,000 *	52.6	327.2	163,300 *	140
145	39.5	304.6	93,600 *	45.2	315.1	121,600 *	50.3	323.1	154,700 *	145
150	36.5	298.0	89,300 *	42.5	309.8	115,500 *	47.8	318.6	146,200 *	150
155	33.2	290.5	85,400 *	39.7	303.8	109,900 *	45.3	313.7	138,400 *	155
160	29.6	282.0	82,000 *	36.7	297.3	104,600 *	42.6	308.4	131,200 *	160
165	25.6	272.0	79,000 *	33.4	289.9	99,700 *	39.8	302.5	124,700 *	165
170	20.7	259.8	76,600 *	29.9	281.5	95,300 *	36.8	295.9	118,600 *	170
175	14.4	243.1	75,100 *	25.8	271.6	91,300 *	33.6	288.6	112,900 *	175
180				21.1	259.5	88,000 *	30.0	280.2	107,700 *	180
185				14.9	243.2	85,400 *	26.1	270.4	102,700 *	185
190							21.4	258.5	98,000 *	190
195							15.3	242.5	91,800 *	195
200										200
205										205
210										210
215										215
220										220
225										225
230										230
235										235
240										240

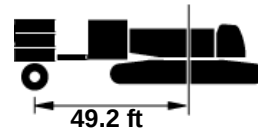


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



196.9 ft

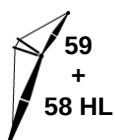


157.5 ft

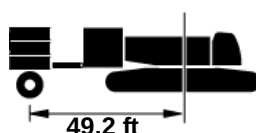
	75°			70°			65°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135	62.2	337.7	175,100 *							135
140	60.1	334.8	175,100 *							140
145	57.9	331.7	175,100 *							145
150	55.7	328.3	175,100 *							150
155	53.5	324.6	168,200 *							155
160	51.2	320.6	158,400 *							160
165	48.8	316.3	149,600 *	56.4	323.9	151,300				165
170	46.2	311.6	141,600 *	54.1	320.3	145,900				170
175	43.6	306.4	134,200 *	51.8	316.4	140,800				175
180	40.9	300.7	127,400 *	49.4	312.1	136,100				180
185	37.9	294.4	121,200 *	47.0	307.5	131,600				185
190	34.8	287.4	115,400 *	44.4	302.5	127,400	52.2	310.2	121,200	190
195	31.4	279.4	110,000 *	41.7	296.9	123,400	49.9	306.0	117,400	195
200	27.6	270.2	104,900 *	38.8	290.8	119,600	47.4	301.5	113,800	200
205	23.2	259.2	100,100 *	35.7	284.0	115,900	44.9	296.5	110,300	205
210	17.7	245.1	95,600 *	32.4	276.4	111,900 *	42.2	291.1	107,000	210
215	9.4	222.9	88,500 *	28.7	267.5	106,700 *	39.3	285.1	103,900	215
220				24.5	257.1	101,900 *	36.3	278.4	100,900	220
225				19.5	244.2	97,300 *	33.0	270.9	98,100	225
230				12.4	225.5	92,800 *	29.4	262.4	95,300	230
235							25.3	252.3	92,700	235
240							20.4	239.9	90,200	240

16000 MAX-ER

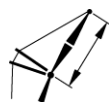
ANSI B30.5



332,000 lb
+
120,000 lb



196.9 ft



177.2 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
75	73.4	375.5	165,200 *							75
80	71.7	373.8	160,500 *							80
85	69.9	372.0	155,400 *							85
90	68.2	370.0	150,000 *							90
95	66.4	367.8	144,300 *	70.1	371.0	164,300 *				95
100	64.7	365.4	138,500 *	68.3	369.0	164,300 *				100
105	62.8	362.9	132,700 *	66.6	366.8	162,600 *				105
110	61.0	360.1	126,900 *	64.8	364.5	157,600 *				110
115	59.1	357.1	121,200 *	63.0	361.9	152,300 *	66.6	365.2	158,600 *	115
120	57.2	353.9	115,600 *	61.1	359.2	146,800 *	64.9	362.9	158,600 *	120
125	55.2	350.5	110,200 *	59.2	356.2	141,100 *	63.0	360.4	158,600 *	125
130	53.2	346.8	105,000 *	57.3	353.0	135,400 *	61.2	357.6	158,600 *	130
135	51.1	342.8	100,000 *	55.3	349.6	129,600 *	59.3	354.6	158,600 *	135
140	49.0	338.5	95,300 *	53.3	345.9	123,900 *	57.4	351.5	154,300 *	140
145	46.8	333.8	90,900 *	51.3	341.9	118,200 *	55.4	348.0	148,900 *	145
150	44.5	328.8	86,700 *	49.1	337.6	112,800 *	53.4	344.4	143,300 *	150
155	42.1	323.3	82,800 *	46.9	333.0	107,700 *	51.4	340.4	137,500 *	155
160	39.6	317.3	79,200 *	44.6	328.0	102,700 *	49.2	336.1	130,600 *	160
165	36.9	310.8	75,800 *	42.3	322.5	98,000 *	47.0	331.5	124,100 *	165
170	34.1	303.6	72,700 *	39.8	316.6	93,600 *	44.8	326.5	118,100 *	170
175	31.0	295.5	69,900 *	37.1	310.1	89,400 *	42.4	321.1	112,500 *	175
180	27.6	286.3	67,500 *	34.3	302.9	85,500 *	39.9	315.2	107,300 *	180
185	23.8	275.5	65,400 *	31.2	294.9	81,900 *	37.2	308.7	102,400 *	185
190	19.2	262.2	63,700 *	27.8	285.7	78,700 *	34.4	301.6	97,900 *	190
195	13.0	243.9	62,700 *	24.0	275.1	75,800 *	31.4	293.6	93,600 *	195
200				19.5	262.0	73,300 *	28.0	284.5	89,600 *	200
205				13.5	244.2	71,500 *	24.2	274.0	85,800 *	205
210							19.8	261.0	82,100 *	210
215							13.9	243.6	76,500 *	215
220										220
225										225
230										230
235										235
240										240
250										250
260										260

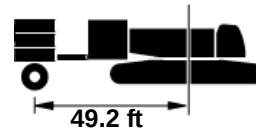


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



196.9 ft

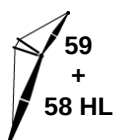


177.2 ft

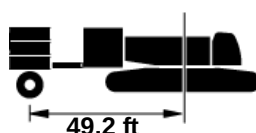
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145	61.9	354.6	146,300 *							145
150	60.0	351.8	146,300 *							150
155	58.1	348.7	146,300 *							155
160	56.2	345.3	146,300 *							160
165	54.2	341.7	146,300 *							165
170	52.1	337.9	140,800 *							170
175	50.0	333.7	133,500 *	56.7	340.9	133,800 *				175
180	47.9	329.2	126,800 *	54.8	337.4	133,800 *				180
185	45.6	324.4	120,600 *	52.7	333.6	130,200				185
190	43.3	319.1	114,800 *	50.6	329.5	126,000				190
195	40.8	313.4	109,500 *	48.5	325.1	122,000				195
200	38.2	307.2	104,500 *	46.3	320.4	118,300				200
205	35.5	300.3	99,900 *	43.9	315.2	114,700	51.0	323.4	108,900	205
210	32.5	292.7	95,500 *	41.5	309.7	111,300 *	48.9	319.0	105,600	210
215	29.3	284.0	91,400 *	39.0	303.6	106,300 *	46.7	314.4	102,500	215
220	25.7	274.1	87,500 *	36.3	296.9	101,500 *	44.4	309.3	99,600	220
225	21.5	262.1	83,800 *	33.4	289.5	97,100 *	42.0	303.8	96,800	225
230	16.3	246.8	80,200 *	30.2	281.2	92,900 *	39.4	297.8	94,100	230
235	8.1	221.9	73,800 *	26.8	271.6	89,000 *	36.8	291.3	91,500	235
240				22.8	260.4	85,200 *	33.9	284.0	89,000	240
250				11.1	225.7	78,100 *	27.4	266.6	84,400	250
260							18.9	242.2	80,000	260

16000 MAX-ER

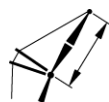
ANSI B30.5



332,000 lb
+
120,000 lb



196.9 ft



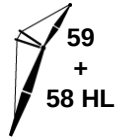
196.9 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
80	73.6	394.5	141,900 *							80
85	72.0	392.9	139,800 *							85
90	70.5	391.1	136,000 *							90
95	68.9	389.2	131,900 *							95
100	67.4	387.1	127,600 *	70.6	390.1	138,200 *				100
105	65.8	384.9	123,200 *	69.0	388.2	138,200 *				105
110	64.1	382.5	118,700 *	67.5	386.1	138,200 *				110
115	62.5	379.9	114,100 *	65.9	383.9	138,200 *				115
120	60.8	377.1	109,500 *	64.2	381.5	135,400 *	67.5	384.5	132,400 *	120
125	59.1	374.1	105,000 *	62.6	378.9	131,300 *	65.9	382.3	132,400 *	125
130	57.4	370.9	100,600 *	60.9	376.1	127,000 *	64.3	379.9	132,400 *	130
135	55.7	367.5	96,300 *	59.3	373.1	122,600 *	62.7	377.3	132,400 *	135
140	53.9	363.9	92,200 *	57.5	370.0	118,100 *	61.0	374.6	132,400 *	140
145	52.0	360.0	88,200 *	55.8	366.6	113,600 *	59.3	371.6	132,400 *	145
150	50.1	355.9	84,300 *	54.0	363.0	109,100 *	57.6	368.5	132,400 *	150
155	48.2	351.4	80,700 *	52.1	359.1	104,600 *	55.9	365.1	128,500 *	155
160	46.2	346.7	77,200 *	50.3	355.0	100,200 *	54.1	361.5	124,100 *	160
165	44.1	341.5	74,000 *	48.3	350.6	96,000 *	52.2	357.6	119,900 *	165
170	41.9	336.0	70,900 *	46.3	345.8	91,900 *	50.3	353.5	115,600 *	170
175	39.7	330.1	68,000 *	44.2	340.7	88,000 *	48.4	349.1	111,500 *	175
180	37.3	323.6	65,300 *	42.1	335.3	84,300 *	46.4	344.4	106,800 *	180
185	34.8	316.6	62,800 *	39.8	329.4	80,800 *	44.3	339.3	101,900 *	185
190	32.1	308.8	60,500 *	37.4	322.9	77,500 *	42.2	333.9	97,400 *	190
195	29.1	300.1	58,500 *	34.9	315.9	74,300 *	39.9	328.0	93,200 *	195
200	25.9	290.1	56,700 *	32.3	308.1	71,400 *	37.6	321.6	89,200 *	200
205	22.2	278.5	55,100 *	29.3	299.5	68,700 *	35.1	314.6	85,400 *	205
210	17.8	264.3	54,000 *	26.1	289.7	66,300 *	32.4	306.9	81,900 *	210
215	11.9	244.3	53,400 *	22.5	278.2	64,100 *	29.5	298.3	78,500 *	215
220				18.2	264.1	62,300 *	26.3	288.5	75,300 *	220
225				12.3	244.8	61,000 *	22.7	277.1	72,200 *	225
230							18.4	263.2	69,300 *	230
235							12.7	244.3	63,900 *	235
240										240
250										250
260										260
270										270
280										280

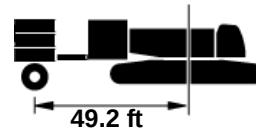


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



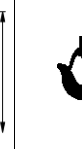
335,400 lb



196.9 ft

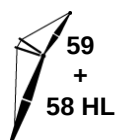


196.9 ft

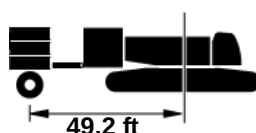
	75°			70°			65°			
										
ft	ft	ft	lb	ft	lb	ft	lb	ft	lb	ft
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155	61.6	371.6	122,100 *							155
160	60.0	368.7	122,100 *							160
165	58.3	365.6	122,100 *							165
170	56.5	362.4	122,100 *							170
175	54.7	358.8	122,100 *							175
180	52.9	355.1	121,700 *							180
185	51.0	351.0	117,700 *	57.0	357.9	111,000 *				185
190	49.1	346.8	113,700 *	55.2	354.4	111,000 *				190
195	47.1	342.2	109,000 *	53.4	350.7	111,000 *				195
200	45.1	337.2	104,000 *	51.6	346.8	111,000 *				200
205	43.0	331.9	99,400 *	49.7	342.6	111,000 *				205
210	40.8	326.2	95,000 *	47.7	338.0	109,600				210
215	38.4	320.0	90,900 *	45.7	333.2	105,700 *	51.9	340.6	100,700	215
220	36.0	313.2	87,100 *	43.6	328.0	100,900 *	50.0	336.5	97,800	220
225	33.4	305.8	83,500 *	41.4	322.4	96,500 *	48.1	332.0	95,000	225
230	30.6	297.5	80,100 *	39.1	316.4	92,400 *	46.1	327.2	92,300	230
235	27.5	288.2	76,800 *	36.7	309.7	88,500 *	44.0	322.1	89,800	235
240	24.1	277.5	73,700 *	34.2	302.5	84,800 *	41.8	316.6	87,300	240
250	15.0	248.2	67,800 *	28.4	285.6	78,000 *	37.2	304.1	82,700	250
260				21.3	263.2	71,900 *	31.9	289.1	78,500	260
270				9.9	225.5	66,000 *	25.7	270.4	74,600	270
280							17.6	244.2	69,800 *	280

16000 MAX-ER

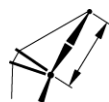
ANSI B30.5



332,000 lb
+
120,000 lb



196.9 ft



216.5 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
85	73.7	413.6	121,100 *							85
90	72.3	412.0	120,800 *							90
95	70.9	410.2	118,900 *							95
100	69.5	408.4	115,800 *							100
105	68.1	406.4	112,500 *							105
110	66.7	404.2	109,000 *	69.6	407.4	117,500 *				110
115	65.2	401.9	105,600 *	68.2	405.4	117,500 *				115
120	63.7	399.5	102,000 *	66.7	403.2	117,400 *				120
125	62.2	396.8	98,400 *	65.3	400.9	117,300 *				125
130	60.7	394.0	94,900 *	63.8	398.5	116,600 *	66.8	401.6	112,500 *	130
135	59.2	391.1	91,300 *	62.3	395.9	113,400 *	65.4	399.4	112,500 *	135
140	57.6	387.9	87,800 *	60.8	393.1	110,000 *	63.9	396.9	112,500 *	140
145	56.0	384.5	84,400 *	59.3	390.1	106,600 *	62.4	394.3	112,500 *	145
150	54.4	381.0	81,100 *	57.7	387.0	103,100 *	60.9	391.5	112,500 *	150
155	52.7	377.2	77,800 *	56.1	383.6	99,600 *	59.4	388.6	112,500 *	155
160	51.0	373.2	74,700 *	54.5	380.1	96,100 *	57.8	385.4	112,500 *	160
165	49.3	368.9	71,800 *	52.8	376.3	92,500 *	56.2	382.1	112,500 *	165
170	47.5	364.4	68,900 *	51.1	372.3	89,100 *	54.6	378.6	110,800 *	170
175	45.7	359.5	66,200 *	49.4	368.0	85,600 *	52.9	374.8	107,400 *	175
180	43.8	354.3	63,600 *	47.6	363.5	82,300 *	51.2	370.8	104,000 *	180
185	41.8	348.8	61,200 *	45.8	358.7	79,100 *	49.5	366.6	100,000 *	185
190	39.7	342.9	58,900 *	43.9	353.5	76,100 *	47.7	362.0	95,500 *	190
195	37.6	336.5	56,800 *	41.9	348.0	73,100 *	45.9	357.2	91,400 *	195
200	35.3	329.5	54,700 *	39.9	342.1	70,300 *	44.0	352.1	87,400 *	200
205	32.9	321.9	52,900 *	37.7	335.7	67,700 *	42.0	346.6	83,800 *	205
210	30.3	313.6	51,200 *	35.5	328.8	65,100 *	40.0	340.7	80,300 *	210
215	27.5	304.3	49,700 *	33.1	321.3	62,800 *	37.8	334.4	77,000 *	215
220	24.5	293.7	48,400 *	30.5	313.0	60,600 *	35.6	327.5	73,900 *	220
225	20.9	281.3	47,200 *	27.7	303.8	58,500 *	33.2	320.0	70,900 *	225
230	16.7	266.0	46,400 *	24.7	293.3	56,700 *	30.6	311.7	68,100 *	230
235	10.8	244.5	46,100 *	21.2	281.1	55,000 *	27.9	302.6	65,500 *	235
240				17.0	266.0	53,700 *	24.8	292.2	62,900 *	240
250							17.2	265.2	58,100 *	250
260										260
270										270
280										280
290										290
300										300

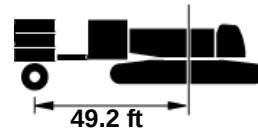


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



196.9 ft

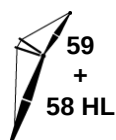


216.5 ft

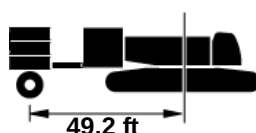
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160	63.0	391.3	102,400 *							160
165	61.4	388.6	102,400 *							165
170	59.9	385.7	102,400 *							170
175	58.4	382.6	102,400 *							175
180	56.8	379.3	102,400 *							180
185	55.2	375.9	102,400 *							185
190	53.5	372.2	102,400 *							190
195	51.9	368.3	102,400 *	57.2	374.8	93,900 *				195
200	50.1	364.1	102,000 *	55.6	371.4	93,900 *				200
205	48.4	359.7	97,400 *	54.0	367.8	93,900 *				205
210	46.6	355.0	93,200 *	52.3	364.0	93,900 *				210
215	44.7	350.0	89,100 *	50.6	359.9	93,900 *				215
220	42.7	344.7	85,400 *	48.9	355.6	93,900 *				220
225	40.7	338.9	81,800 *	47.1	351.0	93,900 *	52.6	357.8	85,600 *	225
230	38.6	332.7	78,500 *	45.2	346.0	90,500 *	50.9	353.8	85,600 *	230
235	36.4	326.1	75,300 *	43.3	340.8	86,700 *	49.2	349.5	85,600 *	235
240	34.1	318.8	72,300 *	41.3	335.2	83,100 *	47.4	344.9	85,600 *	240
250	28.9	302.1	66,800 *	37.1	322.6	76,500 *	43.7	334.9	81,100	250
260	22.7	280.7	61,700 *	32.3	307.8	70,600 *	39.6	323.4	76,900	260
270	13.9	249.3	56,900 *	26.9	289.7	65,200 *	35.2	310.0	73,000	270
280				20.0	265.8	60,300 *	30.2	293.9	68,600 *	280
290				8.9	224.9	55,400 *	24.3	273.9	63,400 *	290
300							16.4	245.9	58,600 *	300

16000 MAX-ER

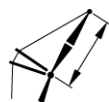
ANSI B30.5



332,000 lb
+
120,000 lb



196.9 ft



236.2 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
90	73.9	432.6	103,700 *							90
95	72.6	431.0	103,400 *							95
100	71.3	429.4	103,000 *							100
105	70.0	427.5	101,600 *							105
110	68.7	425.6	99,000 *							110
115	67.4	423.5	96,400 *	70.1	426.5	100,300 *				115
120	66.1	421.3	93,700 *	68.8	424.6	100,100 *				120
125	64.7	419.0	90,900 *	67.5	422.5	100,000 *				125
130	63.4	416.5	88,100 *	66.2	420.3	99,700 *				130
135	62.0	413.8	85,300 *	64.8	418.0	99,500 *	67.5	420.9	95,600 *	135
140	60.6	411.0	82,400 *	63.5	415.5	99,200 *	66.2	418.7	95,600 *	140
145	59.2	408.0	79,600 *	62.1	412.8	98,200 *	64.9	416.4	95,600 *	145
150	57.8	404.9	76,800 *	60.7	410.0	95,600 *	63.5	413.9	95,600 *	150
155	56.3	401.5	74,100 *	59.3	407.1	92,900 *	62.2	411.3	95,600 *	155
160	54.8	398.0	71,400 *	57.9	403.9	90,200 *	60.8	408.5	95,600 *	160
165	53.3	394.3	68,800 *	56.4	400.6	87,400 *	59.4	405.5	95,600 *	165
170	51.8	390.4	66,300 *	54.9	397.1	84,600 *	57.9	402.4	95,600 *	170
175	50.2	386.3	63,900 *	53.4	393.4	81,900 *	56.5	399.1	95,600 *	175
180	48.6	381.9	61,600 *	51.9	389.5	79,100 *	55.0	395.6	95,500 *	180
185	46.9	377.3	59,300 *	50.3	385.4	76,400 *	53.5	391.9	94,700 *	185
190	45.2	372.3	57,200 *	48.7	381.0	73,700 *	52.0	388.0	92,000 *	190
195	43.5	367.1	55,100 *	47.0	376.4	71,100 *	50.4	383.9	89,300 *	195
200	41.7	361.5	53,200 *	45.3	371.5	68,500 *	48.8	379.6	86,500 *	200
205	39.8	355.6	51,300 *	43.6	366.3	66,100 *	47.1	375.0	82,800 *	205
210	37.8	349.2	49,600 *	41.8	360.8	63,800 *	45.4	370.1	79,300 *	210
215	35.8	342.4	47,900 *	39.9	354.9	61,500 *	43.7	364.9	76,000 *	215
220	33.6	335.0	46,400 *	38.0	348.5	59,400 *	41.9	359.4	72,900 *	220
225	31.3	327.0	45,000 *	35.9	341.7	57,300 *	40.0	353.5	69,900 *	225
230	28.8	318.1	43,800 *	33.7	334.4	55,400 *	38.0	347.1	67,100 *	230
235	26.1	308.2	42,600 *	31.5	326.3	53,600 *	36.0	340.4	64,500 *	235
240	23.2	297.0	41,600 *	29.0	317.5	51,900 *	33.9	333.0	62,000 *	240
250	15.6	267.6	40,200 *	23.4	296.6	48,900 *	29.1	316.3	57,200 *	250
260				15.9	267.6	46,600 *	23.5	295.5	52,900 *	260
270							16.2	266.8	48,700 *	270
280										280
290										290
300										300
310										310
320										320

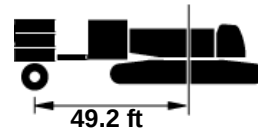


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



196.9 ft

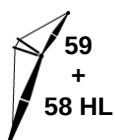


236.2 ft

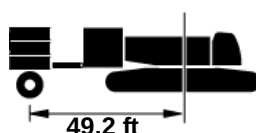
	75°			70°			65°		
	ft	ft	lb	ft	ft	lb	ft	ft	lb
90									90
95									95
100									100
105									105
110									110
115									115
120									120
125									125
130									130
135									135
140									140
145									145
150									150
155									155
160									160
165									165
170	62.7	408.2	87,200 *						170
175	61.3	405.5	87,200 *						175
180	59.9	402.6	87,200 *						180
185	58.5	399.6	87,200 *						185
190	57.0	396.3	87,200 *						190
195	55.5	392.9	87,200 *						195
200	54.1	389.3	87,200 *						200
205	52.5	385.5	87,200 *	57.4	391.8	79,400 *			205
210	51.0	381.5	87,200 *	56.0	388.5	79,400 *			210
215	49.4	377.2	87,200 *	54.5	384.9	79,400 *			215
220	47.7	372.7	84,400 *	53.0	381.1	79,400 *			220
225	46.1	367.9	80,800 *	51.4	377.2	79,400 *			225
230	44.3	362.8	77,400 *	49.8	373.0	79,400 *			230
235	42.5	357.4	74,300 *	48.2	368.5	79,400 *			235
240	40.7	351.7	71,300 *	46.5	363.8	79,400 *	51.7	371.0	73,300 *
250	36.8	338.9	65,700 *	43.1	353.5	75,400 *	48.5	362.5	73,300 *
260	32.4	324.1	60,700 *	39.3	341.9	69,500 *	45.1	352.9	73,300 *
270	27.5	306.3	56,100 *	35.3	328.4	64,100 *	41.6	342.1	71,400 *
280	21.5	283.6	51,800 *	30.7	312.7	59,300 *	37.7	329.7	67,400 *
290	13.0	250.1	47,700 *	25.5	293.5	54,800 *	33.5	315.4	62,300 *
300				18.9	268.1	50,600 *	28.7	298.4	57,600 *
310				7.9	223.9	46,500 *	23.0	277.2	53,300 *
320							15.4	247.4	49,200 *

16000 MAX-ER

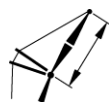
ANSI B30.5



332,000 lb
+
120,000 lb



196.9 ft



255.9 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
95	74.0	451.7	89,200 *							95
100	72.8	450.1	88,600 *							100
105	71.6	448.5	88,200 *							105
110	70.4	446.7	87,800 *							110
115	69.2	444.8	87,200 *							115
120	68.0	442.8	85,200 *	70.5	445.6	85,600 *				120
125	66.8	440.6	83,000 *	69.3	443.8	85,400 *				125
130	65.6	438.4	80,800 *	68.1	441.8	85,300 *				130
135	64.3	436.0	78,600 *	66.9	439.6	85,000 *				135
140	63.1	433.4	76,300 *	65.7	437.4	84,800 *				140
145	61.8	430.8	74,100 *	64.4	435.0	84,500 *	66.9	438.0	81,400 *	145
150	60.5	427.9	71,800 *	63.2	432.5	84,200 *	65.7	435.8	81,400 *	150
155	59.2	425.0	69,600 *	61.9	429.8	84,000 *	64.5	433.4	81,400 *	155
160	57.9	421.9	67,300 *	60.6	427.0	83,200 *	63.2	430.9	81,400 *	160
165	56.6	418.6	65,100 *	59.3	424.0	81,100 *	62.0	428.2	81,300 *	165
170	55.2	415.1	63,000 *	58.0	420.9	79,000 *	60.7	425.4	81,200 *	170
175	53.8	411.5	60,900 *	56.6	417.6	76,800 *	59.4	422.5	81,100 *	175
180	52.4	407.6	58,800 *	55.3	414.2	74,600 *	58.1	419.4	80,900 *	180
185	51.0	403.6	56,800 *	53.9	410.5	72,300 *	56.7	416.1	80,800 *	185
190	49.5	399.3	54,900 *	52.5	406.7	70,100 *	55.4	412.7	80,600 *	190
195	48.0	394.9	53,000 *	51.1	402.7	67,900 *	54.0	409.0	80,500 *	195
200	46.5	390.1	51,300 *	49.6	398.5	65,800 *	52.6	405.2	80,300 *	200
205	44.9	385.1	49,500 *	48.1	394.0	63,600 *	51.1	401.2	79,200 *	205
210	43.2	379.9	47,900 *	46.6	389.3	61,600 *	49.7	397.0	77,100 *	210
215	41.6	374.3	46,300 *	45.0	384.3	59,600 *	48.2	392.5	74,400 *	215
220	39.8	368.4	44,900 *	43.4	379.1	57,600 *	46.6	387.9	71,400 *	220
225	38.0	362.0	43,500 *	41.7	373.5	55,700 *	45.1	382.9	68,500 *	225
230	36.1	355.3	42,100 *	39.9	367.6	53,900 *	43.4	377.7	65,700 *	230
235	34.2	348.0	40,900 *	38.1	361.3	52,200 *	41.8	372.1	63,100 *	235
240	32.1	340.2	39,700 *	36.3	354.6	50,600 *	40.0	366.2	60,600 *	240
250	27.5	322.3	37,700 *	32.2	339.6	47,500 *	36.4	353.2	56,000 *	250
260	22.0	300.0	36,100 *	27.7	321.8	44,800 *	32.3	338.3	51,800 *	260
270	14.7	268.9	35,100 *	22.2	299.7	42,500 *	27.8	320.6	47,900 *	270
280				15.0	269.0	38,900 *	22.4	298.6	44,300 *	280
290							15.2	268.3	40,700 *	290
300										300
310										310
320										320
330										330
340										340

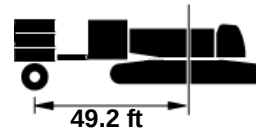


ANSI B30.5

16000 MAX-ER



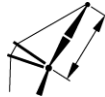
332,000 lb
+
120,000 lb



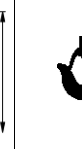
335,400 lb



196.9 ft

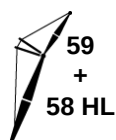


255.9 ft

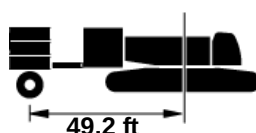
	75°			70°			65°			
 ft	 o	 ft	 lb	 o	 ft	 lb	 o	 ft	 lb	 ft
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175										175
180	62.4	425.2	74,000 *							180
185	61.1	422.5	74,000 *							185
190	59.8	419.6	74,000 *							190
195	58.5	416.5	74,000 *							195
200	57.2	413.3	74,000 *							200
205	55.9	409.9	74,000 *							205
210	54.5	406.4	74,000 *							210
215	53.1	402.6	74,000 *	57.6	408.8	67,000 *				215
220	51.7	398.7	74,000 *	56.2	405.5	67,000 *				220
225	50.2	394.6	74,000 *	54.9	402.0	67,000 *				225
230	48.7	390.2	74,000 *	53.5	398.3	67,000 *				230
235	47.2	385.6	72,700 *	52.1	394.4	67,000 *				235
240	45.6	380.7	69,800 *	50.6	390.3	67,000 *				240
250	42.4	370.2	64,300 *	47.6	381.5	67,000 *	52.3	388.2	61,300 *	250
260	38.9	358.3	59,400 *	44.5	371.7	67,000 *	49.4	379.9	61,300 *	260
270	35.1	344.7	54,900 *	41.2	360.6	62,700 *	46.4	370.7	61,300 *	270
280	31.0	329.0	50,800 *	37.6	348.2	58,000 *	43.2	360.4	61,300 *	280
290	26.2	310.2	47,000 *	33.7	334.0	53,600 *	39.7	348.9	60,900 *	290
300	20.4	286.3	43,400 *	29.3	317.3	49,600 *	36.0	335.7	56,300 *	300
310	12.1	250.6	39,900 *	24.3	297.0	45,900 *	32.0	320.6	52,200 *	310
320				17.9	270.2	42,400 *	27.4	302.6	48,300 *	320
330				6.9	222.4	38,900 *	21.9	280.2	44,700 *	330
340							14.4	248.6	41,200 *	340

16000 MAX-ER

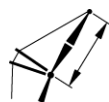
ANSI B30.5



332,000 lb
+
120,000 lb



196.9 ft



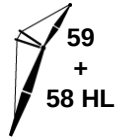
275.6 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
105	73.0	469.2	75,900 *							105
110	71.9	467.6	75,500 *							110
115	70.8	465.8	75,100 *							115
120	69.7	464.0	74,700 *							120
125	68.6	462.0	74,200 *	70.8	464.8	73,100 *				125
130	67.4	459.9	73,300 *	69.7	462.9	72,900 *				130
135	66.3	457.7	71,600 *	68.6	461.0	72,600 *				135
140	65.1	455.4	69,900 *	67.5	458.9	72,300 *				140
145	64.0	453.0	68,100 *	66.4	456.7	72,000 *				145
150	62.8	450.4	66,200 *	65.2	454.4	71,700 *	67.6	457.3	69,200 *	150
155	61.6	447.7	64,400 *	64.1	452.0	71,400 *	66.4	455.1	69,100 *	155
160	60.4	444.9	62,600 *	62.9	449.4	71,100 *	65.3	452.9	69,000 *	160
165	59.2	441.9	60,800 *	61.7	446.7	70,700 *	64.1	450.4	68,900 *	165
170	58.0	438.8	59,100 *	60.5	443.9	70,400 *	63.0	447.9	68,700 *	170
175	56.8	435.5	57,300 *	59.3	441.0	70,000 *	61.8	445.2	68,500 *	175
180	55.5	432.1	55,600 *	58.1	437.9	69,100 *	60.6	442.4	68,400 *	180
185	54.2	428.5	53,800 *	56.9	434.6	67,400 *	59.4	439.4	68,200 *	185
190	52.9	424.8	52,200 *	55.6	431.2	65,600 *	58.2	436.3	67,900 *	190
195	51.6	420.8	50,600 *	54.3	427.6	63,900 *	56.9	433.1	67,700 *	195
200	50.3	416.7	49,000 *	53.0	423.9	62,100 *	55.7	429.7	67,500 *	200
205	48.9	412.4	47,400 *	51.7	419.9	60,400 *	54.4	426.1	67,300 *	205
210	47.5	407.8	46,000 *	50.3	415.8	58,600 *	53.1	422.4	67,000 *	210
215	46.0	403.0	44,500 *	49.0	411.5	56,900 *	51.8	418.5	66,800 *	215
220	44.6	398.0	43,200 *	47.6	407.0	55,200 *	50.4	414.3	66,600 *	220
225	43.0	392.6	41,900 *	46.1	402.2	53,600 *	49.0	410.0	66,400 *	225
230	41.5	387.0	40,600 *	44.7	397.1	52,000 *	47.6	405.5	64,200 *	230
235	39.9	381.1	39,400 *	43.1	391.9	50,500 *	46.2	400.7	61,600 *	235
240	38.2	374.8	38,300 *	41.6	386.3	49,000 *	44.7	395.7	59,100 *	240
250	34.7	361.0	36,100 *	38.3	374.1	46,100 *	41.7	384.9	54,500 *	250
260	30.7	345.1	34,300 *	34.8	360.3	43,500 *	38.4	372.7	50,300 *	260
270	26.3	326.3	32,700 *	30.9	344.5	41,100 *	34.9	359.0	46,500 *	270
280	21.0	302.9	31,500 *	26.5	325.8	39,100 *	31.0	343.2	43,000 *	280
290	13.9	270.0	29,700 *	21.2	302.6	36,300 *	26.6	324.6	39,600 *	290
300				14.1	270.1	31,500 *	21.4	301.5	36,500 *	300
310							14.4	269.5	33,100 *	310
320										320
330										330
340										340
350										350
360										360

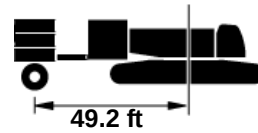


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



196.9 ft



275.6 ft

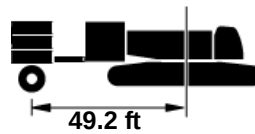
	75°			70°			65°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175										175
180										180
185										185
190	62.2	442.2	62,600 *							190
195	61.0	439.4	62,600 *							195
200	59.8	436.5	62,600 *							200
205	58.6	433.5	62,600 *							205
210	57.4	430.3	62,600 *							210
215	56.1	427.0	62,600 *							215
220	54.9	423.5	62,600 *							220
225	53.6	419.8	62,600 *	57.7	425.8	56,500 *				225
230	52.2	415.9	62,600 *	56.5	422.5	56,500 *				230
235	50.9	411.9	62,600 *	55.2	419.0	56,500 *				235
240	49.5	407.6	62,600 *	53.9	415.4	56,500 *				240
250	46.7	398.5	62,600 *	51.3	407.6	56,500 *				250
260	43.8	388.4	57,800 *	48.6	399.0	56,500 *	52.9	405.4	51,200 *	260
270	40.7	377.2	53,400 *	45.7	389.6	56,500 *	50.2	397.3	51,200 *	270
280	37.3	364.6	49,300 *	42.7	379.1	56,400 *	47.4	388.4	51,200 *	280
290	33.7	350.3	45,600 *	39.5	367.4	52,100 *	44.5	378.5	51,200 *	290
300	29.7	333.7	42,100 *	36.0	354.2	48,200 *	41.4	367.6	51,200 *	300
310	25.0	313.9	38,900 *	32.3	339.2	44,500 *	38.1	355.3	50,600 *	310
320	19.4	288.8	35,800 *	28.1	321.6	41,100 *	34.5	341.4	46,800 *	320
330	11.3	250.9	32,800 *	23.2	300.3	38,000 *	30.6	325.5	43,300 *	330
340				17.0	272.1	34,900 *	26.2	306.5	40,000 *	340
350				6.0	220.4	31,900 *	20.9	283.0	36,900 *	350
360							13.6	249.6	34,000 *	360

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



216.5 ft



78.7 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
50	72.0	300.2	297,200 * d							50
55	68.1	298.1	287,000 * c							55
60	64.0	295.7	269,100 * b							60
65	59.8	292.9	249,500 * b	69.1	297.5	293,900 * c				65
70	55.4	289.5	233,100 * b	65.1	295.2	284,800 * b				70
75	50.8	285.4	219,500 *	61.0	292.4	276,500 * b				75
80	45.7	280.7	208,100 *	56.6	289.2	263,600 * b	66.2	294.0	290,500 * c	80
85	40.2	274.9	198,800 *	52.1	285.3	246,800 *	62.0	291.3	281,400 * b	85
90	33.9	267.8	191,600 *	47.1	280.8	232,900 *	57.8	288.2	267,800 * b	90
95	26.2	258.5	183,700 *	41.8	275.3	221,400 *	53.2	284.5	254,100 * b	95
100	14.7	243.6	179,100 *	35.7	268.7	212,200 *	48.4	280.2	240,500 *	100
105				28.5	260.1	200,800 *	43.2	275.0	227,000 *	105
110				18.6	247.5	185,900 *	37.3	268.7	213,600 *	110
115							30.4	260.6	200,000 *	115
120							21.5	249.5	185,800 *	120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175										175

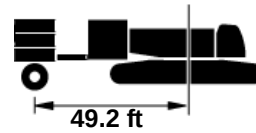


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



216.5 ft



78.7 ft

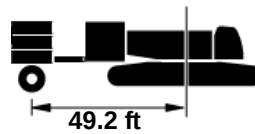
	75°			70°			65°			
50	ft		lb		ft	lb		ft		ft
55										55
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105	60.8	286.1	261,700 *b							105
110	56.4	282.8	250,100 *b							110
115	51.8	278.9	238,100 *b							115
120	46.9	274.4	225,900 *							120
125	41.5	268.9	213,500 *							125
130	35.4	262.1	201,100 *	54.7	275.4	202,400 *b				130
135	28.1	253.4	188,200 *	50.0	271.3	194,200 *				135
140	18.0	240.5	174,300 *	44.9	266.4	186,600 *				140
145				39.2	260.5	179,500 *				145
150				32.8	253.1	172,500	52.4	265.9	164,700 b	150
155				24.7	243.2	165,800	47.5	261.4	158,400	155
160				11.7	226.1	159,300	42.1	256.0	152,500	160
165							36.1	249.4	146,900	165
170							29.0	241.0	141,700	170
175							19.4	228.8	136,600	175

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



216.5 ft



98.4 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
55	72.7	319.3	263,700 * ^c							55
60	69.6	317.4	252,300 * ^b							60
65	66.4	315.2	240,000 * ^b							65
70	63.1	312.7	227,200 * ^b	70.4	316.7	261,700 * ^b				70
75	59.8	309.8	213,200 *	67.2	314.6	254,400 * ^b				75
80	56.3	306.5	201,000 *	64.0	312.2	247,300 * ^b				80
85	52.6	302.7	190,100 *	60.7	309.4	240,400 * ^b				85
90	48.8	298.4	178,900 *	57.2	306.2	228,000 *	64.8	311.0	252,700 * ^b	90
95	44.7	293.4	168,600 *	53.6	302.5	215,600 *	61.5	308.3	243,400 * ^b	95
100	40.2	287.7	159,200 *	49.8	298.4	203,600 *	58.1	305.2	233,300 *	100
105	35.3	280.9	150,900 *	45.8	293.6	192,200 *	54.6	301.7	223,200 *	105
110	29.7	272.5	143,800 *	41.5	288.1	181,500 *	50.8	297.6	213,100 *	110
115	22.7	261.6	138,400 *	36.7	281.6	171,600 *	46.9	293.0	203,200 *	115
120	12.0	244.0	136,200 *	31.3	273.7	163,000 *	42.6	287.7	193,300 *	120
125				24.8	263.7	155,700 *	38.0	281.5	183,600 *	125
130				15.7	248.9	150,600 *	32.7	274.0	173,800 *	130
135							26.6	264.7	163,700 *	135
140							18.4	251.6	153,000 *	140
145										145
150										150
155										155
160										160
165										165
170										170
175										175
180										180
185										185
190										190
195										195

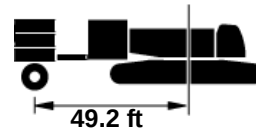


ANSI B30.5

16000 MAX-ER



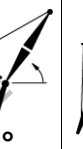
332,000 lb
+
120,000 lb



216.5 ft

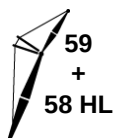


98.4 ft

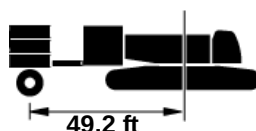
	75°			70°			65°			
										
	ft	o	ft	lb	ft	lb	ft	lb	ft	ft
55										55
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115	60.5	303.0	228,300 *b							115
120	57.1	299.8	219,800 *							120
125	53.5	296.1	210,900 *							125
130	49.7	292.0	202,000 *							130
135	45.6	287.2	192,900 *							135
140	41.3	281.6	183,800 *	55.7	292.5	185,300 *				140
145	36.5	275.0	174,600 *	52.0	288.6	178,300 *				145
150	31.0	267.1	165,300 *	48.1	284.2	171,500				150
155	24.4	257.0	155,600 *	44.0	279.1	164,900				155
160	15.1	241.8	144,800 *	39.5	273.2	158,800				160
165				34.5	266.2	153,000	50.1	279.0	145,700	165
170				28.6	257.6	147,600	46.1	274.2	140,600	170
175				21.3	246.1	142,400	41.8	268.7	135,800	175
180				9.0	225.5	134,800 *	37.0	262.3	131,200	180
185							31.7	254.6	126,900	185
190							25.2	244.7	122,700	190
195							16.4	230.5	118,800	195

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



216.5 ft



118.1 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
60	73.1	338.3	226,000 *b							60
65	70.5	336.6	217,200 *b							65
70	67.9	334.5	207,700 *b							70
75	65.2	332.2	197,800 *							75
80	62.5	329.7	187,800 *	68.6	333.9	228,600 *b				80
85	59.7	326.8	177,800 *	66.0	331.6	220,500 *b				85
90	56.8	323.5	168,200 *	63.3	329.1	211,400 *				90
95	53.8	319.9	158,900 *	60.5	326.3	201,900 *	66.6	330.4	227,400 *b	95
100	50.7	315.8	150,100 *	57.6	323.2	192,100 *	64.0	328.0	220,700 *	100
105	47.4	311.3	141,900 *	54.6	319.6	182,400 *	61.2	325.2	213,200 *	105
110	44.0	306.2	134,300 *	51.6	315.7	173,000 *	58.3	322.2	205,500 *	110
115	40.3	300.4	127,400 *	48.3	311.3	163,800 *	55.4	318.7	197,700 *	115
120	36.2	293.8	121,100 *	44.9	306.4	155,200 *	52.4	314.9	190,000 *	120
125	31.7	286.0	115,600 *	41.3	300.8	147,100 *	49.2	310.6	182,400 *	125
130	26.6	276.6	110,900 *	37.3	294.4	139,500 *	45.8	305.9	174,800 *	130
135	20.1	264.2	107,500 *	33.0	287.0	132,700 *	42.2	300.5	167,300 *	135
140	9.9	243.7	106,600 *	28.0	278.1	126,700 *	38.4	294.3	159,700 *	140
145				22.0	266.7	121,800 *	34.2	287.1	151,800 *	145
150				13.5	249.8	118,600 *	29.4	278.7	144,600 *	150
155							23.7	268.1	137,100 *	155
160							16.1	253.2	128,600 *	160
165										165
170										170
175										175
180										180
185										185
190										190
195										195
200										200
205										205
210										210
215										215

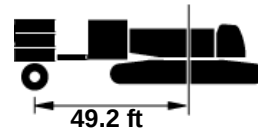


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



216.5 ft

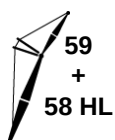


118.1 ft

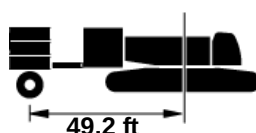
	75°			70°			65°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125	60.3	320.0	201,200 *							125
130	57.5	316.8	194,800 *							130
135	54.5	313.3	188,100 *							135
140	51.4	309.3	181,200 *							140
145	48.2	304.9	174,300 *							145
150	44.8	300.0	167,300 *	56.3	309.5	169,700				150
155	41.1	294.3	160,300 *	53.3	305.8	163,200				155
160	37.2	287.9	153,200 *	50.2	301.7	157,100				160
165	32.8	280.4	146,100 *	46.9	297.1	151,400				165
170	27.8	271.4	138,700 *	43.4	291.9	146,000				170
175	21.7	259.9	131,100 *	39.6	286.0	141,000	51.8	296.3	133,900	175
180	13.0	242.6	122,400 *	35.5	279.2	136,300	48.5	291.9	129,400	180
185				31.0	271.2	131,800	45.1	287.0	125,200	185
190				25.6	261.4	127,500	41.5	281.5	121,200	190
195				18.8	248.3	123,400	37.6	275.2	117,300	195
200				6.6	223.7	114,400 *	33.3	267.8	113,700	200
205							28.4	259.0	110,300	205
210							22.5	247.9	106,900	210
215							14.2	231.6	103,700	215

16000 MAX-ER

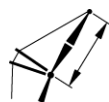
ANSI B30.5



332,000 lb
+
120,000 lb



216.5 ft



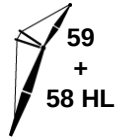
137.8 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
65	73.4	357.4	195,000 *b							65
70	71.2	355.7	188,300 *b							70
75	69.0	353.8	181,100 *							75
80	66.7	351.6	173,500 *							80
85	64.4	349.3	165,600 *	69.6	353.1	198,900 *				85
90	62.1	346.6	157,800 *	67.3	351.0	193,300 *				90
95	59.7	343.7	150,000 *	65.1	348.7	186,500 *				95
100	57.2	340.5	142,400 *	62.7	346.1	179,400 *	67.9	349.7	194,300 *	100
105	54.7	337.0	135,200 *	60.3	343.3	171,800 *	65.6	347.5	194,300 *	105
110	52.0	333.1	128,200 *	57.9	340.1	164,200 *	63.3	344.9	193,500 *	110
115	49.3	328.9	121,600 *	55.4	336.7	156,500 *	60.9	342.2	187,700 *	115
120	46.5	324.2	115,500 *	52.8	333.0	149,000 *	58.5	339.1	181,700 *	120
125	43.5	319.0	109,800 *	50.1	328.8	141,700 *	56.0	335.8	175,800 *	125
130	40.3	313.2	104,500 *	47.2	324.2	134,700 *	53.4	332.1	169,700 *	130
135	36.9	306.6	99,600 *	44.3	319.2	128,100 *	50.7	328.0	162,300 *	135
140	33.1	299.2	95,300 *	41.2	313.5	121,700 *	48.0	323.6	154,900 *	140
145	29.0	290.5	91,500 *	37.8	307.2	115,900 *	45.0	318.7	147,700 *	145
150	24.1	280.0	88,400 *	34.2	300.1	110,500 *	42.0	313.2	140,700 *	150
155	18.1	266.3	86,200 *	30.1	291.8	105,700 *	38.7	307.1	134,100 *	155
160	8.0	242.7	86,000 *	25.5	281.9	101,500 *	35.1	300.1	127,800 *	160
165				19.9	269.2	98,000 *	31.2	292.2	121,900 *	165
170				11.7	250.2	95,900 *	26.8	282.7	116,600 *	170
175							21.5	271.0	112,000 *	175
180							14.2	254.4	107,600 *	180
185										185
190										190
195										195
200										200
205										205
210										210
215										215
220										220
225										225
230										230
235										235

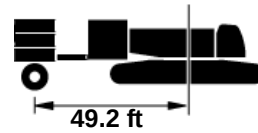


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



216.5 ft

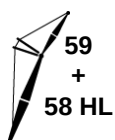


137.8 ft

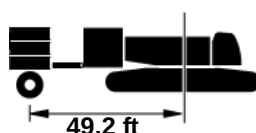
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130	62.6	339.8	182,500 *							130
135	60.2	336.9	178,000 *							135
140	57.8	333.8	173,100 *							140
145	55.2	330.4	167,900 *							145
150	52.6	326.6	162,600 *							150
155	49.9	322.4	157,200 *							155
160	47.1	317.8	151,700 *	56.8	326.5	155,700				160
165	44.1	312.7	146,200 *	54.2	323.0	150,000				165
170	41.0	307.1	140,700 *	51.6	319.0	144,700				170
175	37.7	300.7	135,100 *	48.9	314.7	139,700				175
180	34.0	293.5	129,500 *	46.0	309.9	135,000				180
185	30.0	285.2	123,700 *	43.0	304.6	130,600	52.9	313.5	123,700	185
190	25.3	275.2	117,900 *	39.7	298.7	126,400	50.2	309.4	119,800	190
195	19.6	262.4	111,600 *	36.3	292.1	122,400	47.4	304.8	116,000	195
200	11.2	242.8	104,500 *	32.5	284.5	118,700	44.5	299.8	112,400	200
205				28.2	275.6	115,100	41.4	294.2	109,000	205
210				23.3	264.7	111,600	38.0	288.0	105,800	210
215				16.9	250.1	105,700 *	34.4	280.9	102,700	215
220				4.2	220.1	97,900 *	30.4	272.6	99,800	220
225							25.8	262.9	96,900	225
230							20.3	250.5	94,200	230
235							12.4	232.1	91,500	235

16000 MAX-ER

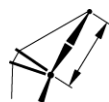
ANSI B30.5



332,000 lb
+
120,000 lb



216.5 ft



157.5 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
70	73.7	376.5	168,800 *b							70
75	71.7	374.8	163,700 *							75
80	69.8	373.0	158,100 *							80
85	67.8	371.0	152,300 *							85
90	65.8	368.7	146,200 *	70.3	372.2	170,200 *				90
95	63.8	366.3	140,000 *	68.4	370.3	169,400 *				95
100	61.8	363.6	133,800 *	66.4	368.1	164,500 *				100
105	59.6	360.7	127,700 *	64.4	365.7	159,000 *				105
110	57.5	357.5	121,700 *	62.3	363.1	153,300 *	66.9	366.8	166,000 *	110
115	55.3	354.0	115,900 *	60.2	360.2	147,400 *	64.9	364.5	166,000 *	115
120	53.0	350.3	110,400 *	58.1	357.1	141,300 *	62.8	361.9	166,000 *	120
125	50.7	346.2	105,100 *	55.9	353.8	135,200 *	60.8	359.1	164,700 *	125
130	48.2	341.8	100,100 *	53.6	350.1	129,300 *	58.6	356.1	159,400 *	130
135	45.7	337.0	95,400 *	51.3	346.1	123,400 *	56.4	352.8	153,800 *	135
140	43.1	331.7	91,100 *	48.9	341.8	117,700 *	54.2	349.2	148,100 *	140
145	40.3	325.9	87,000 *	46.4	337.1	112,300 *	51.9	345.3	142,200 *	145
150	37.3	319.5	83,200 *	43.8	332.0	107,100 *	49.5	341.1	136,200 *	150
155	34.1	312.3	79,800 *	41.1	326.3	102,200 *	47.1	336.5	130,400 *	155
160	30.6	304.1	76,800 *	38.1	320.0	97,600 *	44.5	331.5	124,700 *	160
165	26.7	294.6	74,100 *	35.0	313.1	93,300 *	41.8	325.9	119,200 *	165
170	22.2	283.1	71,900 *	31.6	305.2	89,500 *	38.9	319.9	113,900 *	170
175	16.4	268.0	70,500 *	27.8	296.1	86,000 *	35.8	313.1	108,900 *	175
180	6.3	240.8	70,500 *	23.5	285.2	82,900 *	32.5	305.4	104,200 *	180
185				18.1	271.4	80,500 *	28.8	296.7	99,800 *	185
190				10.2	250.1	79,100 *	24.7	286.3	95,800 *	190
195							19.6	273.5	92,400 *	195
200							12.7	255.1	88,600 *	200
205										205
210										210
215										215
220										220
225										225
230										230
235										235
240										240
250										250

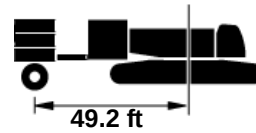


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



216.5 ft

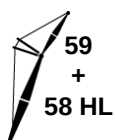


157.5 ft

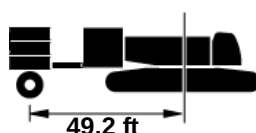
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140	62.2	356.7	155,600 *							140
145	60.1	353.9	155,600 *							145
150	58.0	350.8	154,800 *							150
155	55.8	347.4	150,800 *							155
160	53.5	343.7	146,600 *							160
165	51.2	339.7	142,300 *							165
170	48.8	335.4	138,000 *	57.1	343.5	142,900				170
175	46.3	330.7	133,500 *	54.9	340.0	137,900				175
180	43.7	325.5	129,100 *	52.6	336.2	133,200				180
185	40.9	319.8	124,600 *	50.3	332.1	128,900				185
190	38.0	313.5	120,100 *	47.8	327.6	124,700				190
195	34.9	306.5	115,500 *	45.3	322.8	120,800				195
200	31.5	298.6	110,100 *	42.6	317.4	117,000	51.5	326.7	110,600	200
205	27.7	289.4	105,000 *	39.8	311.5	113,500	49.1	322.4	107,200	205
210	23.3	278.5	100,200 *	36.8	305.0	110,100	46.6	317.7	104,000	210
215	17.9	264.5	95,600 *	33.6	297.6	106,900	44.0	312.6	101,000	215
220	9.7	242.5	89,100 *	30.0	289.2	103,800	41.2	307.0	98,100	220
225				26.1	279.5	100,900	38.3	300.8	95,300	225
230				21.3	267.6	96,500 *	35.2	293.8	92,700	230
235				15.2	251.6	91,200 *	31.8	286.0	90,100	235
240							28.1	277.0	87,700	240
250							18.5	252.7	83,000	250

16000 MAX-ER

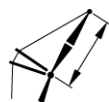
ANSI B30.5



332,000 lb
+
120,000 lb



216.5 ft



177.2 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
75	73.8	395.5	146,900 *							75
80	72.1	393.9	143,000 *							80
85	70.4	392.1	138,700 *							85
90	68.7	390.2	134,200 *							90
95	66.9	388.1	129,500 *	70.9	391.4	145,900 *				95
100	65.1	385.7	124,600 *	69.2	389.5	145,900 *				100
105	63.3	383.2	119,700 *	67.4	387.4	145,200 *				105
110	61.5	380.5	114,700 *	65.6	385.1	141,100 *				110
115	59.6	377.6	109,900 *	63.8	382.7	136,700 *	67.9	386.1	141,100 *	115
120	57.7	374.5	105,100 *	62.0	380.0	132,200 *	66.1	383.9	141,100 *	120
125	55.8	371.1	100,500 *	60.1	377.2	127,500 *	64.3	381.5	141,100 *	125
130	53.8	367.5	96,000 *	58.2	374.1	122,700 *	62.5	378.9	141,100 *	130
135	51.7	363.5	91,800 *	56.3	370.8	117,900 *	60.6	376.1	141,100 *	135
140	49.6	359.3	87,700 *	54.3	367.2	113,100 *	58.7	373.1	138,900 *	140
145	47.4	354.7	83,800 *	52.3	363.4	108,300 *	56.8	369.8	134,500 *	145
150	45.1	349.8	80,200 *	50.2	359.2	103,800 *	54.8	366.3	130,000 *	150
155	42.8	344.5	76,800 *	48.0	354.8	99,300 *	52.8	362.5	125,300 *	155
160	40.3	338.7	73,600 *	45.8	349.9	95,000 *	50.7	358.5	120,600 *	160
165	37.7	332.3	70,700 *	43.4	344.7	91,000 *	48.6	354.1	115,800 *	165
170	34.9	325.3	67,900 *	41.0	339.0	87,100 *	46.3	349.4	111,200 *	170
175	31.9	317.4	65,500 *	38.4	332.8	83,500 *	44.0	344.2	106,600 *	175
180	28.6	308.6	63,300 *	35.7	326.0	80,000 *	41.6	338.7	102,200 *	180
185	24.9	298.3	61,300 *	32.7	318.4	76,800 *	39.1	332.6	98,000 *	185
190	20.5	285.8	59,800 *	29.5	309.8	74,000 *	36.4	326.0	94,000 *	190
195	15.0	269.4	58,900 *	25.9	300.0	71,400 *	33.5	318.6	90,100 *	195
200	4.6	237.6	58,900 *	21.8	288.2	69,200 *	30.3	310.3	86,600 *	200
205				16.7	273.2	67,400 *	26.9	300.8	83,300 *	205
210				8.8	249.5	66,600 *	22.9	289.6	80,300 *	210
215							18.1	275.6	77,700 *	215
220							11.4	255.4	73,800 *	220
225										225
230										230
235										235
240										240
250										250
260										260
270										270

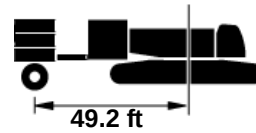


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



216.5 ft



177.2 ft

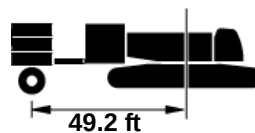
	75°			70°			65°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150	61.9	373.7	131,800 *							150
155	60.1	370.8	131,800 *							155
160	58.2	367.7	131,800 *							160
165	56.2	364.4	131,800 *							165
170	54.2	360.8	131,800 *							170
175	52.2	357.0	129,200 *							175
180	50.1	352.8	125,700 *	57.4	360.5	120,100 *				180
185	47.9	348.4	122,100 *	55.4	357.1	120,100 *				185
190	45.7	343.5	118,500 *	53.4	353.4	120,100 *				190
195	43.3	338.3	114,800 *	51.4	349.4	119,400				195
200	40.9	332.6	109,600 *	49.2	345.2	115,700				200
205	38.3	326.3	104,600 *	47.0	340.5	112,200				205
210	35.5	319.5	100,000 *	44.8	335.6	108,800	52.4	343.9	102,500	210
215	32.6	311.8	95,600 *	42.4	330.1	105,600	50.3	339.8	99,500	215
220	29.4	303.2	91,500 *	39.9	324.2	102,600	48.1	335.4	96,700	220
225	25.8	293.3	87,600 *	37.2	317.8	99,700	45.9	330.6	93,900	225
230	21.6	281.4	83,900 *	34.4	310.6	96,900	43.6	325.4	91,300	230
235	16.4	266.2	80,300 *	31.4	302.7	94,300	41.1	319.7	88,800	235
240	8.3	241.6	74,300 *	28.0	293.6	90,300 *	38.6	313.5	86,400	240
250				19.8	270.1	82,900 *	32.9	299.2	81,900	250
260							26.2	280.9	77,700	260
270							17.0	254.6	73,700	270

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



216.5 ft



196.9 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
80	74.0	414.6	127,300 *							80
85	72.5	413.0	125,000 *							85
90	70.9	411.3	121,800 *							90
95	69.4	409.4	118,300 *							95
100	67.8	407.3	114,700 *							100
105	66.2	405.1	110,900 *	69.8	408.6	124,600 *				105
110	64.6	402.8	107,000 *	68.2	406.7	124,600 *				110
115	63.0	400.2	103,100 *	66.6	404.5	124,600 *				115
120	61.3	397.5	99,200 *	65.0	402.2	121,700 *				120
125	59.6	394.6	95,300 *	63.4	399.7	118,200 *	67.0	403.2	120,100 *	125
130	57.9	391.5	91,500 *	61.7	397.0	114,600 *	65.4	400.9	120,100 *	130
135	56.1	388.1	87,800 *	60.1	394.1	111,000 *	63.8	398.5	120,100 *	135
140	54.4	384.5	84,200 *	58.4	391.1	107,200 *	62.2	395.9	120,100 *	140
145	52.5	380.7	80,700 *	56.6	387.8	103,300 *	60.5	393.0	120,100 *	145
150	50.7	376.7	77,400 *	54.8	384.3	99,500 *	58.8	390.0	120,100 *	150
155	48.7	372.3	74,200 *	53.0	380.5	95,700 *	57.1	386.8	117,900 *	155
160	46.7	367.6	71,200 *	51.2	376.5	92,000 *	55.3	383.4	114,400 *	160
165	44.7	362.6	68,400 *	49.2	372.3	88,400 *	53.5	379.7	110,700 *	165
170	42.5	357.2	65,700 *	47.3	367.7	84,900 *	51.6	375.7	107,000 *	170
175	40.3	351.4	63,100 *	45.2	362.8	81,500 *	49.7	371.5	103,200 *	175
180	38.0	345.1	60,800 *	43.1	357.5	78,200 *	47.8	367.0	99,500 *	180
185	35.5	338.2	58,600 *	40.9	351.8	75,100 *	45.8	362.2	95,800 *	185
190	32.8	330.6	56,600 *	38.6	345.6	72,200 *	43.7	357.0	92,200 *	190
195	30.0	322.2	54,700 *	36.2	338.9	69,400 *	41.5	351.4	88,700 *	195
200	26.8	312.6	53,100 *	33.6	331.5	66,800 *	39.2	345.4	85,300 *	200
205	23.3	301.6	51,700 *	30.8	323.3	64,500 *	36.8	338.8	82,000 *	205
210	19.1	288.2	50,700 *	27.7	314.1	62,300 *	34.2	331.6	78,900 *	210
215	13.8	270.4	50,100 *	24.3	303.5	60,400 *	31.5	323.6	76,000 *	215
220	2.1	230.8	49,800 *	20.4	290.9	58,700 *	28.5	314.7	73,200 *	220
225				15.4	274.6	57,400 *	25.2	304.5	70,600 *	225
230				7.6	248.3	56,900 *	21.4	292.5	68,300 *	230
235							16.8	277.4	66,400 *	235
240							10.2	255.3	61,600 *	240
250										250
260										260
270										270
280										280
290										290

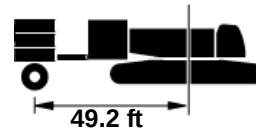


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



216.5 ft

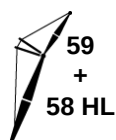


196.9 ft

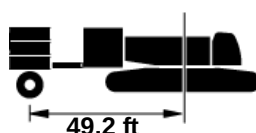
	75°			70°			65°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160	61.7	390.7	111,300 *							160
165	60.0	387.8	111,300 *							165
170	58.3	384.7	111,300 *							170
175	56.5	381.4	111,300 *							175
180	54.8	377.9	111,300 *							180
185	52.9	374.2	111,300 *							185
190	51.1	370.1	111,300 *	57.6	377.5	100,800 *				190
195	49.2	365.9	110,400 *	55.9	374.1	100,800 *				195
200	47.2	361.3	107,500 *	54.1	370.5	100,800 *				200
205	45.1	356.3	104,100 *	52.2	366.7	100,800 *				205
210	43.0	351.0	99,400 *	50.3	362.5	100,800 *				210
215	40.8	345.3	95,100 *	48.4	358.1	100,800 *				215
220	38.5	339.1	91,000 *	46.4	353.4	100,800 *				220
225	36.0	332.4	87,200 *	44.3	348.4	98,000	51.3	357.1	92,100	225
230	33.4	325.0	83,600 *	42.2	342.9	95,300	49.4	352.8	89,500	230
235	30.6	316.7	80,100 *	39.9	337.0	92,700	47.4	348.3	87,000	235
240	27.6	307.5	76,900 *	37.6	330.6	89,800 *	45.4	343.4	84,600	240
250	20.2	284.0	70,800 *	32.4	315.9	82,500 *	41.1	332.5	80,100	250
260	7.0	240.2	62,100 *	26.3	297.5	76,000 *	36.3	319.6	76,000	260
270				18.4	272.3	70,000 *	31.0	304.2	72,200	270
280							24.5	284.5	68,600	280
290							15.8	256.1	65,300	290

16000 MAX-ER

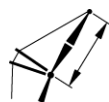
ANSI B30.5



332,000 lb
+
120,000 lb



216.5 ft



216.5 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
90	72.7	432.1	109,400 *							90
95	71.3	430.4	106,900 *							95
100	69.9	428.5	104,200 *							100
105	68.5	426.6	101,300 *							105
110	67.1	424.5	98,300 *	70.3	427.8	106,900 *				110
115	65.6	422.2	95,400 *	68.9	425.9	106,900 *				115
120	64.1	419.8	92,300 *	67.4	423.8	106,900 *				120
125	62.6	417.2	89,200 *	66.0	421.6	106,800 *				125
130	61.1	414.5	86,100 *	64.5	419.2	105,200 *	67.8	422.5	102,500 *	130
135	59.6	411.5	83,000 *	63.0	416.7	102,500 *	66.4	420.3	102,500 *	135
140	58.0	408.4	79,900 *	61.5	414.0	99,600 *	64.9	418.0	102,500 *	140
145	56.5	405.1	77,000 *	60.0	411.1	96,700 *	63.4	415.5	102,500 *	145
150	54.8	401.6	74,100 *	58.5	408.0	93,700 *	61.9	412.8	102,500 *	150
155	53.2	397.9	71,200 *	56.9	404.8	90,700 *	60.4	410.0	102,500 *	155
160	51.5	393.9	68,500 *	55.3	401.3	87,700 *	58.9	407.0	102,500 *	160
165	49.8	389.7	65,900 *	53.6	397.7	84,600 *	57.3	403.8	102,500 *	165
170	48.0	385.3	63,400 *	52.0	393.8	81,600 *	55.7	400.4	100,700 *	170
175	46.2	380.5	61,000 *	50.2	389.6	78,700 *	54.1	396.8	97,800 *	175
180	44.3	375.4	58,800 *	48.5	385.2	75,800 *	52.4	393.0	94,900 *	180
185	42.3	370.0	56,600 *	46.7	380.6	73,100 *	50.7	388.9	91,900 *	185
190	40.3	364.2	54,600 *	44.8	375.6	70,400 *	48.9	384.5	89,000 *	190
195	38.2	357.9	52,700 *	42.9	370.2	67,800 *	47.1	379.9	86,000 *	195
200	36.0	351.1	50,900 *	40.9	364.5	65,300 *	45.3	375.0	83,100 *	200
205	33.6	343.7	49,300 *	38.8	358.4	63,000 *	43.4	369.8	80,200 *	205
210	31.1	335.6	47,800 *	36.6	351.7	60,700 *	41.4	364.2	77,400 *	210
215	28.3	326.6	46,400 *	34.2	344.5	58,600 *	39.3	358.1	74,700 *	215
220	25.3	316.4	45,200 *	31.8	336.6	56,700 *	37.1	351.6	72,000 *	220
225	21.9	304.6	44,200 *	29.1	327.9	54,900 *	34.8	344.6	69,500 *	225
230	17.9	290.3	43,500 *	26.2	318.0	53,200 *	32.4	336.9	67,100 *	230
235	12.7	271.1	43,100 *	22.9	306.7	51,800 *	29.8	328.3	64,800 *	235
240				19.1	293.2	50,500 *	26.9	318.8	62,700 *	240
250				6.4	246.5	46,700 *	20.1	295.1	59,000 *	250
260							9.1	254.8	51,000 *	260
270										270
280										280
290										290
300										300
310										310

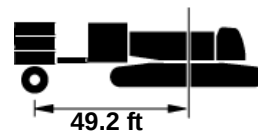


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



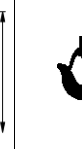
335,400 lb



216.5 ft

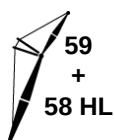


216.5 ft

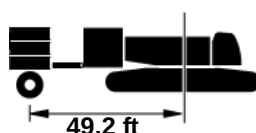
	75°			70°			65°			
										
	ft	ft	lb	ft	lb	ft	lb	ft	lb	ft
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165	63.0	410.3	94,000 *							165
170	61.5	407.6	94,000 *							170
175	59.9	404.7	94,000 *							175
180	58.4	401.7	94,000 *							180
185	56.8	398.4	94,000 *							185
190	55.2	395.0	94,000 *							190
195	53.6	391.3	94,000 *							195
200	51.9	387.4	94,000 *	57.8	394.5	86,000 *				200
205	50.2	383.2	94,000 *	56.2	391.1	86,000 *				205
210	48.4	378.8	94,000 *	54.6	387.6	86,000 *				210
215	46.6	374.1	93,200 *	52.9	383.8	86,000 *				215
220	44.7	369.1	89,200 *	51.2	379.9	86,000 *				220
225	42.8	363.8	85,400 *	49.5	375.6	86,000 *				225
230	40.8	358.1	81,900 *	47.7	371.1	86,000 *				230
235	38.7	351.9	78,500 *	45.9	366.3	86,000 *	52.1	374.3	79,400 *	235
240	36.5	345.2	75,400 *	44.0	361.1	86,000 *	50.4	370.2	79,400 *	240
250	31.7	330.0	69,500 *	40.0	349.7	80,800 *	46.8	361.2	78,400	250
260	26.0	311.4	64,200 *	35.6	336.5	74,500 *	43.0	350.9	74,300	260
270	18.9	286.4	59,300 *	30.6	320.8	68,800 *	38.9	339.1	70,500	270
280	5.8	238.0	51,400 *	24.8	301.2	63,500 *	34.4	325.3	67,000	280
290				17.2	274.2	58,700 *	29.3	308.8	63,800	290
300							23.1	287.8	60,700	300
310							14.7	257.4	57,700	310

16000 MAX-ER

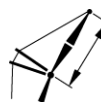
ANSI B30.5



332,000 lb
+
120,000 lb



216.5 ft



236.2 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
95	72.9	451.1	94,400 *							95
100	71.7	449.5	93,800 *							100
105	70.4	447.7	91,700 *							105
110	69.1	445.8	89,500 *							110
115	67.8	443.7	87,100 *	70.7	446.9	92,000 *				115
120	66.4	441.6	84,700 *	69.4	445.1	91,900 *				120
125	65.1	439.2	82,300 *	68.1	443.1	91,800 *				125
130	63.7	436.8	79,900 *	66.8	440.9	91,700 *				130
135	62.4	434.2	77,400 *	65.5	438.6	91,500 *				135
140	61.0	431.4	74,900 *	64.1	436.2	91,200 *	67.1	439.6	88,100 *	140
145	59.6	428.5	72,400 *	62.7	433.6	89,100 *	65.8	437.4	88,100 *	145
150	58.2	425.4	70,000 *	61.4	430.9	86,800 *	64.5	435.0	88,100 *	150
155	56.7	422.1	67,600 *	60.0	428.0	84,500 *	63.1	432.5	88,100 *	155
160	55.2	418.7	65,200 *	58.5	425.0	82,100 *	61.7	429.8	88,100 *	160
165	53.7	415.0	62,900 *	57.1	421.8	79,700 *	60.3	427.0	88,100 *	165
170	52.2	411.2	60,700 *	55.6	418.4	77,300 *	58.9	423.9	88,100 *	170
175	50.6	407.1	58,600 *	54.1	414.8	74,900 *	57.5	420.8	88,100 *	175
180	49.0	402.8	56,500 *	52.6	411.0	72,500 *	56.0	417.4	88,100 *	180
185	47.4	398.2	54,500 *	51.1	407.0	70,100 *	54.5	413.9	86,300 *	185
190	45.7	393.4	52,600 *	49.5	402.7	67,800 *	53.0	410.1	84,000 *	190
195	44.0	388.2	50,800 *	47.8	398.2	65,500 *	51.5	406.1	81,700 *	195
200	42.2	382.7	49,100 *	46.2	393.4	63,300 *	49.9	402.0	79,300 *	200
205	40.3	376.9	47,500 *	44.4	388.4	61,100 *	48.3	397.5	77,000 *	205
210	38.4	370.7	46,000 *	42.7	383.0	59,100 *	46.6	392.8	74,700 *	210
215	36.3	364.0	44,500 *	40.8	377.3	57,100 *	44.9	387.9	72,300 *	215
220	34.2	356.7	43,200 *	38.9	371.1	55,200 *	43.1	382.6	70,000 *	220
225	31.9	348.9	41,900 *	36.9	364.6	53,300 *	41.3	376.9	67,800 *	225
230	29.5	340.2	40,800 *	34.8	357.5	51,600 *	39.4	370.9	65,600 *	230
235	26.9	330.7	39,700 *	32.6	349.8	50,000 *	37.4	364.5	63,500 *	235
240	24.0	319.9	38,800 *	30.2	341.4	48,500 *	35.3	357.5	61,400 *	240
250	16.9	292.1	37,600 *	24.8	321.7	45,800 *	30.8	341.8	57,600 *	250
260				18.0	295.4	43,800 *	25.6	322.6	54,200 *	260
270				5.3	243.9	38,100 *	19.0	297.4	50,100 *	270
280							8.2	253.9	42,100 *	280
290										290
300										300
310										310
320										320
330										330

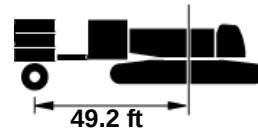


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



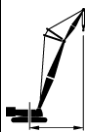
335,400 lb



216.5 ft

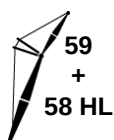


236.2 ft

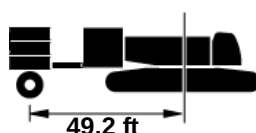
	 75°			 70°			 65°			
 ft	 o	 ft	 lb	 o	 ft	 lb	 o	 ft	 lb	 ft
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175	62.7	427.3	80,500 *							175
180	61.3	424.6	80,500 *							180
185	59.9	421.7	80,500 *							185
190	58.5	418.6	80,500 *							190
195	57.0	415.4	80,500 *							195
200	55.6	412.0	80,500 *							200
205	54.1	408.4	80,500 *							205
210	52.6	404.6	80,500 *	57.9	411.4	73,200 *				210
215	51.0	400.6	80,500 *	56.5	408.1	73,200 *				215
220	49.4	396.3	80,500 *	55.0	404.7	73,200 *				220
225	47.8	391.8	80,500 *	53.5	401.0	73,200 *				225
230	46.1	387.0	80,500 *	52.0	397.1	73,200 *				230
235	44.4	381.9	77,500 *	50.4	393.0	73,200 *				235
240	42.6	376.5	74,300 *	48.8	388.6	73,200 *				240
250	38.8	364.7	68,500 *	45.4	379.1	73,200 *	51.2	387.5	67,100 *	250
260	34.7	351.0	63,200 *	41.9	368.4	73,200 *	47.9	378.8	67,100 *	260
270	30.1	334.8	58,400 *	38.0	356.2	67,700 *	44.6	369.0	67,100 *	270
280	24.7	315.0	54,000 *	33.9	342.1	62,500 *	40.9	358.0	65,400	280
290	17.8	288.4	49,800 *	29.1	325.4	57,800 *	37.0	345.3	62,200	290
300	4.5	234.8	42,400 *	23.5	304.6	53,400 *	32.7	330.6	59,100	300
310				16.2	275.9	49,300 *	27.8	313.0	56,300	310
320							21.9	290.8	52,600 *	320
330							13.7	258.4	48,600 *	330

16000 MAX-ER

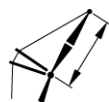
ANSI B30.5



332,000 lb
+
120,000 lb



216.5 ft



255.9 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
100	73.1	470.2	81,600 *							100
105	71.9	468.6	81,400 *							105
110	70.8	466.8	80,700 *							110
115	69.6	465.0	79,000 *							115
120	68.4	463.0	77,200 *							120
125	67.1	460.9	75,300 *	69.9	464.2	79,100 *				125
130	65.9	458.6	73,300 *	68.7	462.3	78,900 *				130
135	64.7	456.3	71,300 *	67.5	460.2	78,800 *				135
140	63.4	453.8	69,400 *	66.2	458.0	78,600 *				140
145	62.2	451.1	67,300 *	65.0	455.7	78,400 *	67.8	458.9	75,500 *	145
150	60.9	448.4	65,300 *	63.8	453.2	78,200 *	66.6	456.7	75,500 *	150
155	59.6	445.4	63,300 *	62.5	450.6	77,600 *	65.3	454.4	75,500 *	155
160	58.3	442.4	61,400 *	61.2	447.9	75,800 *	64.1	452.0	75,500 *	160
165	56.9	439.1	59,400 *	59.9	445.0	73,900 *	62.8	449.5	75,500 *	165
170	55.6	435.7	57,500 *	58.6	442.0	72,000 *	61.5	446.7	75,500 *	170
175	54.2	432.1	55,600 *	57.3	438.8	70,100 *	60.3	443.9	75,500 *	175
180	52.8	428.3	53,800 *	55.9	435.4	68,100 *	59.0	440.9	75,500 *	180
185	51.4	424.4	52,000 *	54.6	431.8	66,200 *	57.6	437.7	75,500 *	185
190	49.9	420.2	50,300 *	53.2	428.1	64,300 *	56.3	434.4	75,400 *	190
195	48.4	415.7	48,700 *	51.8	424.2	62,300 *	54.9	430.9	75,300 *	195
200	46.9	411.1	47,100 *	50.3	420.1	60,400 *	53.5	427.2	74,400 *	200
205	45.3	406.2	45,600 *	48.8	415.7	58,600 *	52.1	423.4	72,500 *	205
210	43.7	401.0	44,100 *	47.3	411.1	56,700 *	50.7	419.3	70,700 *	210
215	42.0	395.5	42,700 *	45.7	406.3	55,000 *	49.2	415.0	68,800 *	215
220	40.3	389.7	41,400 *	44.1	401.2	53,200 *	47.7	410.5	66,900 *	220
225	38.5	383.5	40,200 *	42.5	395.8	51,600 *	46.1	405.7	65,000 *	225
230	36.7	376.8	39,000 *	40.8	390.0	50,000 *	44.5	400.7	63,200 *	230
235	34.7	369.7	37,900 *	39.0	383.9	48,400 *	42.9	395.3	61,300 *	235
240	32.7	362.0	36,900 *	37.2	377.4	46,900 *	41.2	389.7	59,500 *	240
250	28.2	344.6	35,000 *	33.2	362.9	44,200 *	37.7	377.2	56,000 *	250
260	22.9	323.1	33,600 *	28.8	345.9	41,800 *	33.8	363.0	52,800 *	260
270	15.9	293.7	32,700 *	23.6	325.1	39,800 *	29.4	346.4	49,200 *	270
280				17.0	297.2	38,300 *	24.4	326.2	45,500 *	280
290				4.0	240.1	30,600 *	18.0	299.5	41,900 *	290
300							7.2	252.6	34,500 *	300
310										310
320										320
330										330
340										340
350										350

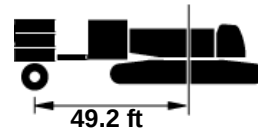


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



216.5 ft

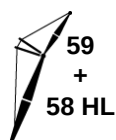


255.9 ft

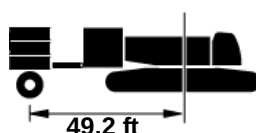
	75°			70°			65°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175										175
180										180
185	62.4	444.3	68,800 *							185
190	61.2	441.5	68,800 *							190
195	59.9	438.6	68,800 *							195
200	58.6	435.6	68,800 *							200
205	57.2	432.4	68,800 *							205
210	55.9	429.0	68,800 *							210
215	54.5	425.5	68,800 *							215
220	53.1	421.7	68,800 *							220
225	51.7	417.8	68,800 *	56.7	425.1	62,900 *				225
230	50.2	413.7	68,800 *	55.4	421.7	62,900 *				230
235	48.7	409.3	68,800 *	54.0	418.1	62,900 *				235
240	47.2	404.7	68,800 *	52.6	414.3	62,900 *				240
250	44.1	394.7	67,000 *	49.7	406.0	62,900 *				250
260	40.7	383.5	61,800 *	46.6	396.9	62,900 *	51.8	404.7	57,400 *	260
270	37.1	370.9	57,100 *	43.4	386.7	62,900 *	48.9	396.3	57,400 *	270
280	33.1	356.4	52,800 *	40.0	375.3	61,100 *	45.8	386.9	57,400 *	280
290	28.7	339.3	48,900 *	36.4	362.3	56,500 *	42.6	376.4	57,400 *	290
300	23.5	318.4	45,200 *	32.3	347.3	52,300 *	39.1	364.6	57,400 *	300
310	16.8	290.3	41,700 *	27.8	329.6	48,400 *	35.4	351.2	55,000	310
320	3.0	229.6	34,400 *	22.4	307.7	44,800 *	31.2	335.6	51,500 *	320
330				15.2	277.3	41,300 *	26.5	317.1	47,700 *	330
340							20.8	293.6	44,100 *	340
350							12.8	259.2	40,700 *	350

16000 MAX-ER

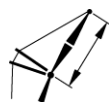
ANSI B30.5



332,000 lb
+
120,000 lb



216.5 ft



275.6 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
105	73.3	489.3	69,300 *							105
110	72.2	487.6	69,100 *							110
115	71.1	485.9	68,800 *							115
120	70.0	484.1	68,400 *							120
125	68.9	482.2	67,900 *							125
130	67.7	480.1	66,400 *	70.3	483.4	67,000 *				130
135	66.6	478.0	64,900 *	69.2	481.5	66,900 *				135
140	65.5	475.7	63,400 *	68.0	479.5	66,700 *				140
145	64.3	473.3	61,800 *	66.9	477.3	66,500 *				145
150	63.1	470.8	60,200 *	65.8	475.1	66,200 *				150
155	62.0	468.1	58,600 *	64.6	472.7	66,000 *	67.2	476.0	63,900 *	155
160	60.8	465.3	57,100 *	63.5	470.2	65,800 *	66.1	473.8	63,900 *	160
165	59.6	462.4	55,500 *	62.3	467.6	65,500 *	64.9	471.5	63,800 *	165
170	58.4	459.3	53,900 *	61.1	464.8	65,200 *	63.8	469.0	63,700 *	170
175	57.1	456.1	52,300 *	59.9	462.0	64,500 *	62.6	466.4	63,600 *	175
180	55.9	452.7	50,800 *	58.7	458.9	63,000 *	61.4	463.7	63,500 *	180
185	54.6	449.2	49,300 *	57.4	455.7	61,500 *	60.2	460.9	63,400 *	185
190	53.3	445.5	47,800 *	56.2	452.4	60,000 *	59.0	457.9	63,300 *	190
195	52.0	441.6	46,300 *	54.9	448.9	58,500 *	57.8	454.7	63,100 *	195
200	50.6	437.5	44,900 *	53.6	445.2	56,900 *	56.5	451.4	63,000 *	200
205	49.3	433.2	43,600 *	52.3	441.4	55,400 *	55.3	448.0	62,800 *	205
210	47.9	428.7	42,200 *	51.0	437.4	53,900 *	54.0	444.3	62,700 *	210
215	46.4	424.0	41,000 *	49.6	433.1	52,400 *	52.7	440.5	62,500 *	215
220	45.0	419.0	39,700 *	48.2	428.7	50,900 *	51.3	436.6	62,300 *	220
225	43.5	413.8	38,600 *	46.8	424.0	49,500 *	50.0	432.4	61,100 *	225
230	41.9	408.2	37,400 *	45.4	419.1	48,100 *	48.6	428.0	59,700 *	230
235	40.3	402.4	36,400 *	43.9	414.0	46,700 *	47.2	423.4	58,300 *	235
240	38.7	396.2	35,300 *	42.3	408.5	45,300 *	45.7	418.5	56,800 *	240
250	35.2	382.6	33,500 *	39.1	396.7	42,800 *	42.7	408.1	53,900 *	250
260	31.3	367.1	31,800 *	35.6	383.3	40,400 *	39.5	396.4	51,100 *	260
270	27.0	348.7	30,400 *	31.8	368.1	38,300 *	36.1	383.3	48,200 *	270
280	21.8	326.1	29,300 *	27.6	350.1	36,500 *	32.4	368.3	44,500 *	280
290	15.0	295.1	28,800 *	22.6	328.2	34,900 *	28.2	350.8	41,100 *	290
300				16.1	298.9	33,500 *	23.3	329.5	37,800 *	300
310				2.4	233.6	23,600 *	17.1	301.5	34,800 *	310
320							6.3	250.8	27,600 *	320
330										330
340										340
350										350
360										360
370										370

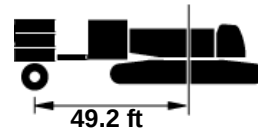


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



216.5 ft

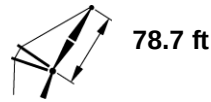
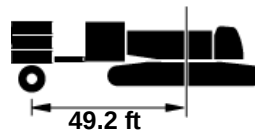


275.6 ft

	75°			70°			65°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175										175
180										180
185										185
190										190
195	62.2	461.3	58,100 *							195
200	61.0	458.5	58,100 *							200
205	59.8	455.6	58,100 *							205
210	58.6	452.6	58,100 *							210
215	57.4	449.4	58,100 *							215
220	56.1	446.0	58,100 *							220
225	54.9	442.5	58,100 *							225
230	53.6	438.9	58,100 *							230
235	52.3	435.0	58,100 *	56.9	442.1	52,800 *				235
240	50.9	431.0	58,100 *	55.7	438.7	52,800 *				240
250	48.2	422.3	58,100 *	53.1	431.4	52,800 *				250
260	45.3	412.7	58,100 *	50.4	423.4	52,800 *				260
270	42.3	402.1	56,200 *	47.6	414.5	52,800 *	52.4	421.9	47,900 *	270
280	39.0	390.2	51,900 *	44.7	404.7	52,800 *	49.7	413.7	47,900 *	280
290	35.6	376.8	47,900 *	41.7	393.9	52,800 *	46.9	404.6	47,900 *	290
300	31.8	361.5	44,200 *	38.4	381.8	51,300 *	44.0	394.6	47,900 *	300
310	27.5	343.5	40,800 *	34.9	368.0	47,400 *	40.9	383.4	47,900 *	310
320	22.5	321.5	37,600 *	31.0	352.3	43,800 *	37.5	370.9	47,900 *	320
330	16.0	291.9	34,600 *	26.6	333.6	40,400 *	33.9	356.7	46,700 *	330
340				21.4	310.6	37,300 *	29.9	340.4	43,100 *	340
350				14.4	278.5	34,200 *	25.4	320.8	39,800 *	350
360							19.8	296.1	36,700 *	360
370							12.0	259.7	33,700 *	370

16000 MAX-ER

ANSI B30.5



	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
50	73.0	320.3	269,900 * d							50
55	69.2	318.4	259,500 * c							55
60	65.2	316.1	246,800 * b							60
65	61.0	313.3	233,700 * b							65
70	56.7	310.1	220,700 * b	67.1	315.9	268,800 * c				70
75	52.1	306.2	208,100 * b	63.0	313.3	257,300 * b				75
80	47.2	301.7	196,300 *	58.7	310.3	244,800 * b				80
85	41.8	296.2	185,400 *	54.3	306.8	232,300 * b	64.9	312.6	264,100 * b	85
90	35.7	289.6	175,900 *	49.5	302.6	219,900 *	60.7	309.8	252,600 * b	90
95	28.5	281.0	168,200 *	44.4	297.6	208,000 *	56.4	306.5	240,700 * b	95
100	18.6	268.4	163,100 *	38.7	291.6	197,100 *	51.8	302.6	228,800 * b	100
105				32.1	284.0	187,400 *	46.8	298.0	216,800 *	105
110				23.8	273.8	179,600 *	41.4	292.5	204,900 *	110
115				9.6	255.0	165,700 *	35.3	285.7	192,900 *	115
120							27.9	277.0	180,700 *	120
125							17.8	263.9	167,500 *	125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175										175
180										180
185										185

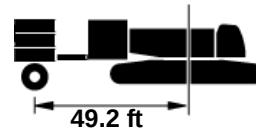


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



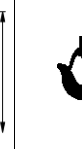
335,400 lb



236.2 ft



78.7 ft

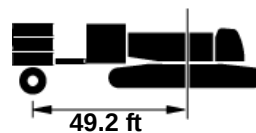
	75°			70°			65°			
										
	ft	o	ft	lb	ft	lb	ft	lb	ft	lb
50										50
55										55
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110	60.9	305.1	235,500 *b							110
115	56.5	301.9	225,500 *b							115
120	51.9	298.0	215,100 *b							120
125	47.0	293.5	204,500 *							125
130	41.6	288.0	193,800 *							130
135	35.5	281.3	182,800 *	56.3	295.2	189,900 *b				135
140	28.3	272.6	171,500 *	51.7	291.3	182,400 *b				140
145	18.3	259.8	159,200 *	46.7	286.7	175,500 *				145
150				41.3	281.1	168,800				150
155				35.1	274.3	162,300				155
160				27.8	265.5	156,100	50.8	282.3	148,000 b	160
165				17.5	252.3	149,300 *	45.7	277.5	142,600	165
170							40.2	271.8	137,600	170
175							33.9	264.7	132,800	175
180							26.1	255.3	128,200	180
185							14.7	240.4	123,800	185

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



236.2 ft



98.4 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
55	73.5	339.4	232,200 *c							55
60	70.4	337.6	223,100 *c							60
65	67.3	335.5	213,100 *b							65
70	64.0	333.1	202,900 *b							70
75	60.7	330.3	192,400 *b	68.8	335.2	232,500 *b				75
80	57.2	327.1	182,100 *	65.6	332.9	224,500 *b				80
85	53.6	323.4	172,200 *	62.3	330.3	214,900 *b				85
90	49.9	319.3	162,800 *	58.9	327.3	205,000 *	67.0	332.0	230,700 *b	90
95	45.8	314.5	154,000 *	55.4	323.9	195,000 *	63.8	329.5	228,800 *b	95
100	41.5	309.0	146,000 *	51.7	320.0	185,000 *	60.5	326.7	220,200 *b	100
105	36.7	302.5	138,900 *	47.8	315.5	175,500 *	57.0	323.5	211,400 *	105
110	31.3	294.6	132,700 *	43.6	310.4	166,500 *	53.4	319.8	202,500 *	110
115	24.8	284.6	127,800 *	39.1	304.4	158,100 *	49.6	315.6	193,700 *	115
120	15.7	269.9	125,000 *	34.0	297.2	150,500 *	45.5	310.8	184,900 *	120
125				28.1	288.4	144,000 *	41.2	305.2	176,100 *	125
130				20.6	276.5	138,800 *	36.4	298.7	167,300 *	130
135				6.6	253.2	135,200 *	30.9	290.7	158,300 *	135
140							24.3	280.5	149,100 *	140
145							14.9	265.2	139,000 *	145
150										150
155										155
160										160
165										165
170										170
175										175
180										180
185										185
190										190
195										195
200										200
205										205

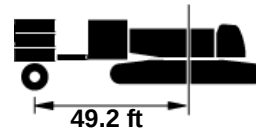


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



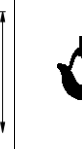
335,400 lb



236.2 ft

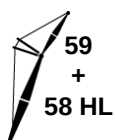


98.4 ft

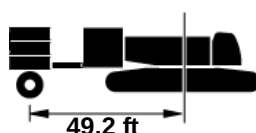
	75°			70°			65°			
	 ft	 °	 ft	 lb	 °	 ft	 lb	 °	 ft	 lb
55										55
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120	60.6	322.1	206,700 *b							120
125	57.1	318.9	199,300 *							125
130	53.5	315.2	191,600 *							130
135	49.7	311.1	183,700 *							135
140	45.7	306.3	175,900 *							140
145	41.4	300.7	167,800 *	56.9	312.2	174,100 *				145
150	36.6	294.2	159,500 *	53.3	308.5	167,600				150
155	31.1	286.3	151,300 *	49.5	304.3	161,200				155
160	24.6	276.2	142,600 *	45.5	299.5	155,200				160
165	15.4	261.2	133,100 *	41.1	293.9	149,500				165
170				36.3	287.3	144,200	52.6	299.6	136,300	170
175				30.8	279.3	139,300	48.8	295.3	131,600	175
180				24.1	269.0	134,300 *	44.7	290.3	127,200	180
185				14.6	253.5	125,600 *	40.2	284.5	123,000	185
190							35.3	277.7	119,000	190
195							29.6	269.4	115,300	195
200							22.7	258.5	111,700	200
205							12.0	240.8	108,100	205

16000 MAX-ER

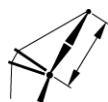
ANSI B30.5



332,000 lb
+
120,000 lb



236.2 ft



118.1 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
60	73.8	358.4	200,000 *c							60
65	71.2	356.7	192,900 *b							65
70	68.6	354.8	185,200 *b							70
75	66.0	352.5	177,200 *b							75
80	63.3	350.0	168,900 *	69.9	354.4	200,500 *b				80
85	60.5	347.2	160,600 *	67.2	352.3	196,500 *b				85
90	57.6	344.1	152,500 *	64.6	349.9	189,200 *				90
95	54.7	340.6	144,700 *	61.8	347.2	181,600 *				95
100	51.6	336.6	137,200 *	59.0	344.3	173,600 *	65.8	349.0	198,100 *b	100
105	48.3	332.2	130,200 *	56.1	340.9	165,600 *	63.1	346.5	197,900 *	105
110	44.9	327.3	123,600 *	53.1	337.2	157,700 *	60.3	343.7	192,200 *	110
115	41.3	321.7	117,600 *	49.9	333.0	150,100 *	57.4	340.5	184,900 *	115
120	37.4	315.4	112,200 *	46.6	328.4	142,700 *	54.5	337.0	177,400 *	120
125	33.0	307.9	107,300 *	43.1	323.1	135,800 *	51.4	333.0	169,800 *	125
130	28.1	299.0	103,200 *	39.3	317.1	129,300 *	48.1	328.6	162,200 *	130
135	22.1	287.7	100,100 *	35.1	310.2	123,400 *	44.7	323.6	154,700 *	135
140	13.5	270.8	98,600 *	30.5	302.1	118,100 *	41.0	318.0	147,600 *	140
145				25.1	292.1	113,500 *	37.1	311.5	140,800 *	145
150				18.1	278.6	110,100 *	32.7	304.0	134,500 *	150
155				3.3	248.6	106,200 *	27.7	295.0	128,800 *	155
160							21.6	283.4	123,900 *	160
165							12.7	265.9	116,300 *	165
170										170
175										175
180										180
185										185
190										190
195										195
200										200
205										205
210										210
215										215
220										220
225										225

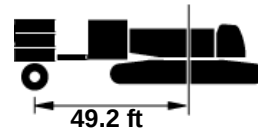


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



236.2 ft



118.1 ft

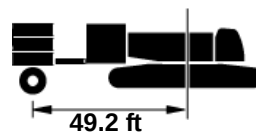
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130	60.4	339.0	181,600 *							130
135	57.5	335.9	176,000 *							135
140	54.6	332.4	170,100 *							140
145	51.5	328.4	164,100 *							145
150	48.2	324.0	157,900 *							150
155	44.8	319.1	151,900 *	57.4	329.2	159,300				155
160	41.2	313.5	145,600 *	54.4	325.6	153,300				160
165	37.2	307.1	139,300 *	51.3	321.7	147,800				165
170	32.9	299.6	132,900 *	48.0	317.2	142,500				170
175	27.9	290.6	126,400 *	44.6	312.3	137,600				175
180	21.9	279.2	119,600 *	41.0	306.6	133,000				180
185	13.2	262.0	111,900 *	37.0	300.2	128,600	50.7	312.7	121,100	185
190				32.6	292.6	124,500	47.4	308.2	117,200	190
195				27.6	283.5	119,500 *	44.0	303.1	113,600	195
200				21.4	271.9	113,200 *	40.2	297.3	110,100	200
205				12.5	254.1	106,000 *	36.2	290.7	106,700	205
210							31.7	282.9	103,500	210
215							26.5	273.4	100,500	215
220							20.1	261.1	97,500	220
225							9.8	240.5	94,600	225

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



236.2 ft



137.8 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
70	71.8	375.8	167,900 *b							70
75	69.6	374.0	161,900 *b							75
80	67.4	371.9	155,600 *							80
85	65.1	369.6	149,000 *	70.7	373.5	173,700 *b				85
90	62.7	367.0	142,400 *	68.4	371.6	172,600 *				90
95	60.3	364.2	135,800 *	66.2	369.4	167,200 *				95
100	57.9	361.1	129,400 *	63.8	366.9	161,200 *				100
105	55.4	357.6	123,200 *	61.5	364.2	155,100 *	67.2	368.4	170,700 *	105
110	52.8	353.9	117,200 *	59.1	361.2	148,700 *	64.9	366.1	170,700 *	110
115	50.1	349.7	111,500 *	56.6	358.0	142,300 *	62.6	363.5	170,700 *	115
120	47.3	345.1	106,200 *	54.0	354.3	136,000 *	60.2	360.6	165,800 *	120
125	44.3	340.1	101,200 *	51.4	350.4	129,800 *	57.7	357.5	160,000 *	125
130	41.2	334.5	96,600 *	48.6	346.0	123,800 *	55.2	354.0	154,100 *	130
135	37.8	328.2	92,400 *	45.7	341.2	118,100 *	52.6	350.2	147,900 *	135
140	34.2	321.0	88,600 *	42.7	335.9	112,700 *	49.9	346.1	141,800 *	140
145	30.2	312.7	85,300 *	39.4	329.9	107,600 *	47.1	341.5	135,700 *	145
150	25.5	302.8	82,500 *	36.0	323.2	102,900 *	44.1	336.4	129,800 *	150
155	19.9	290.2	80,400 *	32.1	315.5	98,600 *	40.9	330.7	124,200 *	155
160	11.7	271.2	79,700 *	27.8	306.4	94,800 *	37.6	324.4	118,800 *	160
165				22.8	295.3	91,500 *	33.9	317.1	113,700 *	165
170				16.2	280.3	89,300 *	29.9	308.8	108,900 *	170
175							25.2	298.7	104,700 *	175
180							19.5	285.9	101,200 *	180
185							11.0	266.0	98,900 *	185
190										190
195										195
200										200
205										205
210										210
215										215
220										220
225										225
230										230
235										235
240										240

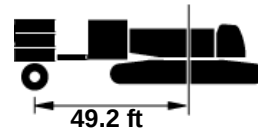


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



236.2 ft

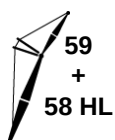


137.8 ft

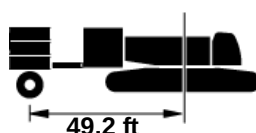
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135	62.7	358.8	162,100 *							135
140	60.3	356.0	161,600 *							140
145	57.8	352.9	157,300 *							145
150	55.3	349.4	152,800 *							150
155	52.7	345.6	148,000 *							155
160	50.0	341.5	143,200 *							160
165	47.2	336.9	138,400 *	57.7	346.2	146,100 *				165
170	44.2	331.9	133,400 *	55.1	342.7	141,100				170
175	41.1	326.2	128,500 *	52.5	338.9	136,300				175
180	37.7	319.9	123,500 *	49.8	334.7	131,700				180
185	34.1	312.7	118,400 *	47.0	330.1	127,400				185
190	30.0	304.4	113,300 *	44.0	325.0	123,300				190
195	25.4	294.4	108,000 *	40.9	319.4	119,400	52.0	330.0	112,100	195
200	19.7	281.7	102,300 *	37.5	313.0	115,700	49.3	325.7	108,700	200
205	11.4	262.3	95,900 *	33.8	305.7	112,100 *	46.4	321.0	105,400	205
210				29.8	297.3	107,400 *	43.4	315.8	102,200	210
215				25.1	287.2	102,500 *	40.3	310.0	99,300	215
220				19.3	274.3	97,300 *	36.8	303.5	96,400	220
225				10.7	254.1	91,200 *	33.1	296.1	93,700	225
230							29.0	287.4	91,100	230
235							24.1	276.9	88,600	235
240							18.0	263.2	86,100	240

16000 MAX-ER

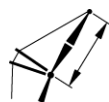
ANSI B30.5



332,000 lb
+
120,000 lb



236.2 ft



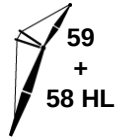
157.5 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
75	72.3	394.9	146,600 *b							75
80	70.3	393.1	141,800 *							80
85	68.4	391.2	136,900 *							85
90	66.4	389.0	131,700 *							90
95	64.4	386.6	126,500 *	69.3	390.8	150,400 *				95
100	62.3	384.0	121,200 *	67.3	388.7	147,600 *				100
105	60.2	381.1	115,900 *	65.3	386.4	143,100 *				105
110	58.1	378.0	110,800 *	63.3	383.9	138,300 *				110
115	55.9	374.7	105,800 *	61.2	381.2	133,400 *	66.3	385.5	147,400 *	115
120	53.6	371.0	101,000 *	59.1	378.2	128,300 *	64.2	383.1	147,400 *	120
125	51.3	367.0	96,400 *	56.9	375.0	123,200 *	62.2	380.5	147,400 *	125
130	48.9	362.7	92,100 *	54.7	371.4	118,100 *	60.1	377.6	143,800 *	130
135	46.4	358.0	88,000 *	52.4	367.6	113,000 *	57.9	374.5	139,200 *	135
140	43.8	352.9	84,100 *	50.1	363.5	108,200 *	55.7	371.1	134,500 *	140
145	41.1	347.2	80,600 *	47.6	359.0	103,500 *	53.5	367.4	129,600 *	145
150	38.2	341.0	77,300 *	45.1	354.0	99,000 *	51.2	363.4	124,600 *	150
155	35.0	334.0	74,300 *	42.4	348.6	94,700 *	48.8	359.1	119,700 *	155
160	31.6	326.1	71,600 *	39.6	342.7	90,700 *	46.2	354.3	114,900 *	160
165	27.9	317.0	69,200 *	36.5	336.0	87,000 *	43.6	349.1	110,200 *	165
170	23.5	306.2	67,300 *	33.3	328.6	83,500 *	40.9	343.5	105,600 *	170
175	18.2	292.4	65,800 *	29.7	320.2	80,400 *	37.9	337.2	101,300 *	175
180	10.2	271.1	65,700 *	25.7	310.2	77,700 *	34.8	330.1	97,200 *	180
185				20.9	298.1	75,300 *	31.4	322.2	93,300 *	185
190				14.6	281.5	73,800 *	27.6	313.0	89,800 *	190
195							23.2	302.0	86,600 *	195
200							17.7	287.9	84,000 *	200
205							9.4	265.6	82,400 *	205
210										210
215										215
220										220
225										225
230										230
235										235
240										240
250										250
260										260

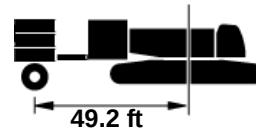


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



236.2 ft

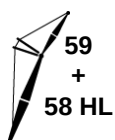


157.5 ft

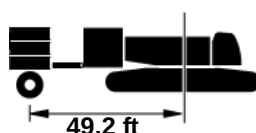
	75°			70°			65°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145	62.3	375.8	138,800 *							145
150	60.2	373.0	138,800 *							150
155	58.0	369.9	138,800 *							155
160	55.8	366.5	137,100 *							160
165	53.6	362.8	133,400 *							165
170	51.3	358.8	129,600 *							170
175	48.8	354.5	125,700 *	57.9	363.2	128,000 *				175
180	46.3	349.8	121,700 *	55.7	359.8	127,900 *				180
185	43.7	344.6	117,700 *	53.4	356.1	125,000 *				185
190	41.0	339.0	113,700 *	51.1	352.1	121,500				190
195	38.1	332.7	109,600 *	48.7	347.7	117,600				195
200	34.9	325.7	105,500 *	46.2	343.0	114,000				200
205	31.5	317.8	101,300 *	43.6	337.8	110,500				205
210	27.7	308.6	97,100 *	40.8	332.1	107,200	50.7	343.1	100,300	210
215	23.4	297.7	92,700 *	37.9	325.8	103,900 *	48.2	338.7	97,400	215
220	18.0	283.8	87,900 *	34.7	318.8	100,100 *	45.7	333.9	94,600	220
225	9.9	262.1	82,400 *	31.3	310.8	96,300 *	43.1	328.6	91,900	225
230				27.5	301.6	92,300 *	40.3	322.8	89,400	230
235				23.1	290.5	88,300 *	37.3	316.4	86,900	235
240				17.6	276.3	83,800 *	34.1	309.2	84,500	240
250							26.7	291.5	80,100	250
260							16.4	264.9	75,900	260

16000 MAX-ER

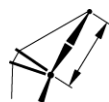
ANSI B30.5



332,000 lb
+
120,000 lb



236.2 ft



177.2 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
80	72.6	414.0	128,500 *							80
85	70.9	412.3	124,800 *							85
90	69.2	410.4	120,900 *							90
95	67.4	408.3	116,900 *							95
100	65.6	406.0	112,800 *	70.0	410.0	130,000 *				100
105	63.8	403.6	108,500 *	68.2	408.0	130,000 *				105
110	62.0	400.9	104,300 *	66.5	405.8	127,200 *				110
115	60.1	398.1	100,100 *	64.7	403.4	123,600 *				115
120	58.2	395.0	96,000 *	62.9	400.9	119,700 *	67.3	404.8	126,500 *	120
125	56.3	391.7	92,000 *	61.0	398.1	115,800 *	65.5	402.5	126,500 *	125
130	54.3	388.1	88,100 *	59.2	395.1	111,700 *	63.7	400.1	126,500 *	130
135	52.3	384.3	84,400 *	57.2	391.9	107,600 *	61.9	397.4	126,500 *	135
140	50.2	380.1	80,800 *	55.3	388.5	103,500 *	60.0	394.5	125,600 *	140
145	48.0	375.7	77,400 *	53.3	384.8	99,400 *	58.1	391.4	122,000 *	145
150	45.8	370.9	74,200 *	51.2	380.8	95,500 *	56.2	388.1	118,200 *	150
155	43.4	365.6	71,200 *	49.1	376.5	91,600 *	54.2	384.5	114,300 *	155
160	41.0	360.0	68,300 *	46.8	371.8	87,900 *	52.1	380.7	110,400 *	160
165	38.4	353.7	65,700 *	44.6	366.8	84,300 *	50.0	376.5	106,400 *	165
170	35.7	346.9	63,300 *	42.2	361.4	80,900 *	47.9	372.0	102,400 *	170
175	32.7	339.3	61,100 *	39.6	355.4	77,700 *	45.6	367.2	98,600 *	175
180	29.5	330.8	59,100 *	37.0	348.9	74,700 *	43.3	361.9	94,800 *	180
185	25.9	320.9	57,400 *	34.2	341.7	71,900 *	40.8	356.2	91,100 *	185
190	21.8	309.1	56,100 *	31.1	333.6	69,300 *	38.2	350.0	87,600 *	190
195	16.7	294.1	55,100 *	27.7	324.4	67,000 *	35.5	343.1	84,300 *	195
200	8.9	270.5	55,100 *	23.9	313.7	64,900 *	32.5	335.4	81,000 *	200
205				19.3	300.5	63,300 *	29.3	326.8	78,100 *	205
210				13.2	282.4	62,200 *	25.7	316.8	75,400 *	210
215							21.5	304.9	73,100 *	215
220							16.3	289.6	71,100 *	220
225							8.1	264.6	69,500 *	225
230										230
235										235
240										240
250										250
260										260
270										270
280										280

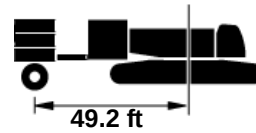


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



236.2 ft

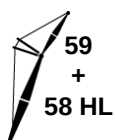


177.2 ft

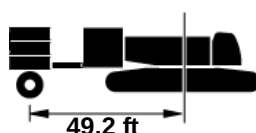
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155	62.0	392.8	119,000 *							155
160	60.1	389.9	119,000 *							160
165	58.2	386.8	119,000 *							165
170	56.2	383.5	119,000 *							170
175	54.3	379.9	119,000 *							175
180	52.2	376.1	116,700 *							180
185	50.1	371.9	113,600 *							185
190	47.9	367.5	110,400 *	56.1	376.8	111,000 *				190
195	45.7	362.6	107,100 *	54.1	373.2	111,000 *				195
200	43.4	357.4	103,900 *	52.1	369.3	109,700 *				200
205	40.9	351.7	100,600 *	50.0	365.2	107,100 *				205
210	38.3	345.5	97,200 *	47.8	360.7	104,200 *				210
215	35.6	338.6	93,900 *	45.6	355.8	101,300 *				215
220	32.6	331.0	90,400 *	43.2	350.6	98,400 *	51.7	360.4	93,100	220
225	29.4	322.4	86,900 *	40.8	344.9	95,400 *	49.6	356.2	90,500	225
230	25.8	312.5	83,400 *	38.2	338.6	92,300 *	47.4	351.6	87,900	230
235	21.7	300.7	79,600 *	35.4	331.7	89,200 *	45.1	346.7	85,500	235
240	16.5	285.5	75,600 *	32.5	324.0	86,000 *	42.8	341.4	83,200	240
250				25.6	305.4	79,500 *	37.7	329.2	78,800	250
260				16.2	278.0	72,100 *	31.9	314.3	74,800	260
270							24.9	295.1	71,000	270
280							15.0	266.2	67,000 *	280

16000 MAX-ER

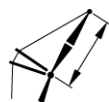
ANSI B30.5



332,000 lb
+
120,000 lb



236.2 ft



196.9 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
85	72.9	433.1	112,700 *							85
90	71.3	431.4	109,900 *							90
95	69.8	429.5	106,800 *							95
100	68.2	427.6	103,600 *							100
105	66.6	425.4	100,300 *	70.5	429.1	112,600 *				105
110	65.0	423.1	97,000 *	69.0	427.2	112,600 *				110
115	63.4	420.6	93,600 *	67.4	425.1	112,600 *				115
120	61.8	417.9	90,200 *	65.8	422.9	110,000 *				120
125	60.1	415.0	86,800 *	64.2	420.4	107,100 *				125
130	58.4	412.0	83,400 *	62.5	417.9	104,000 *	66.5	421.9	109,200 *	130
135	56.6	408.7	80,200 *	60.9	415.1	100,800 *	64.9	419.6	109,200 *	135
140	54.9	405.2	77,000 *	59.2	412.1	97,500 *	63.3	417.1	109,200 *	140
145	53.0	401.4	74,000 *	57.5	408.9	94,200 *	61.6	414.4	109,200 *	145
150	51.2	397.5	71,000 *	55.7	405.5	90,900 *	60.0	411.5	109,200 *	150
155	49.3	393.2	68,200 *	53.9	401.9	87,600 *	58.3	408.4	107,000 *	155
160	47.3	388.6	65,600 *	52.1	398.0	84,400 *	56.5	405.1	104,000 *	160
165	45.2	383.7	63,000 *	50.2	393.9	81,200 *	54.7	401.6	100,900 *	165
170	43.1	378.4	60,600 *	48.2	389.5	78,100 *	52.9	397.8	97,800 *	170
175	40.9	372.7	58,400 *	46.2	384.7	75,200 *	51.0	393.8	94,600 *	175
180	38.6	366.5	56,300 *	44.1	379.6	72,300 *	49.1	389.5	91,400 *	180
185	36.2	359.8	54,400 *	42.0	374.1	69,600 *	47.1	384.9	88,200 *	185
190	33.6	352.4	52,600 *	39.7	368.2	67,000 *	45.1	380.0	85,100 *	190
195	30.8	344.2	50,900 *	37.3	361.7	64,600 *	43.0	374.7	82,000 *	195
200	27.7	335.0	49,500 *	34.8	354.7	62,300 *	40.8	369.0	79,100 *	200
205	24.3	324.5	48,300 *	32.1	346.9	60,200 *	38.4	362.7	76,200 *	205
210	20.4	311.8	47,300 *	29.2	338.2	58,200 *	36.0	356.0	73,400 *	210
215	15.4	295.6	46,700 *	26.0	328.3	56,400 *	33.4	348.5	70,800 *	215
220	7.7	269.4	46,700 *	22.3	316.8	54,900 *	30.6	340.3	68,400 *	220
225				18.0	302.6	53,700 *	27.5	331.0	66,200 *	225
230				12.0	282.9	53,100 *	24.1	320.3	64,100 *	230
235							20.1	307.5	62,300 *	235
240							15.0	291.0	60,800 *	240
250										250
260										260
270										270
280										280
290										290
300										300

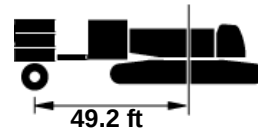


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



236.2 ft

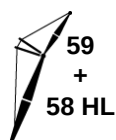


196.9 ft

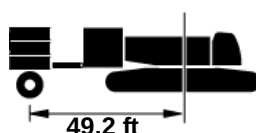
	75°			70°			65°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165	61.7	409.7	101,600 *							165
170	60.0	406.9	101,600 *							170
175	58.3	403.8	101,600 *							175
180	56.6	400.5	101,600 *							180
185	54.8	397.0	101,600 *							185
190	53.0	393.2	101,600 *							190
195	51.1	389.2	101,600 *							195
200	49.2	385.0	100,500 *	56.5	393.8	93,600 *				200
205	47.2	380.4	97,800 *	54.7	390.3	93,600 *				205
210	45.2	375.4	95,100 *	52.9	386.5	93,600 *				210
215	43.1	370.1	92,400 *	51.0	382.5	93,600 *				215
220	40.9	364.4	89,600 *	49.1	378.2	93,600 *				220
225	38.5	358.2	86,800 *	47.1	373.6	92,500 *				225
230	36.1	351.5	84,000 *	45.1	368.6	90,100 *	52.5	377.6	84,900 *	230
235	33.5	344.1	81,100 *	42.9	363.3	87,600 *	50.6	373.5	83,600	235
240	30.7	335.9	78,200 *	40.7	357.6	85,100 *	48.7	369.2	81,300	240
250	24.2	316.0	72,100 *	35.9	344.6	79,900 *	44.7	359.5	77,000	250
260	15.3	287.0	65,400 *	30.5	328.9	74,600 *	40.3	348.3	73,000	260
270				24.0	308.8	68,900 *	35.5	335.1	69,300	270
280				14.9	279.3	62,400 *	30.0	319.1	65,900	280
290							23.3	298.4	62,700	290
300							13.7	267.2	58,000 *	300

16000 MAX-ER

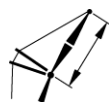
ANSI B30.5



332,000 lb
+
120,000 lb



236.2 ft



216.5 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
90	73.1	452.1	98,900 *							90
95	71.7	450.5	96,700 *							95
100	70.3	448.7	94,300 *							100
105	68.9	446.8	91,800 *							105
110	67.4	444.7	89,200 *	71.0	448.2	97,500 *				110
115	66.0	442.5	86,500 *	69.6	446.4	97,500 *				115
120	64.5	440.1	83,800 *	68.1	444.4	97,500 *				120
125	63.1	437.6	81,000 *	66.7	442.2	97,400 *				125
130	61.5	434.9	78,300 *	65.2	439.9	95,500 *				130
135	60.0	432.0	75,600 *	63.8	437.4	93,100 *	67.4	441.2	94,000 *	135
140	58.5	428.9	72,900 *	62.3	434.8	90,600 *	65.9	439.0	94,000 *	140
145	56.9	425.7	70,300 *	60.8	432.0	88,000 *	64.4	436.6	94,000 *	145
150	55.3	422.2	67,700 *	59.2	429.1	85,400 *	63.0	434.0	94,000 *	150
155	53.6	418.6	65,200 *	57.6	425.9	82,800 *	61.4	431.3	94,000 *	155
160	52.0	414.7	62,800 *	56.1	422.5	80,100 *	59.9	428.4	94,000 *	160
165	50.3	410.5	60,500 *	54.4	419.0	77,500 *	58.4	425.4	94,000 *	165
170	48.5	406.2	58,300 *	52.8	415.2	74,800 *	56.8	422.1	91,700 *	170
175	46.7	401.5	56,100 *	51.1	411.2	72,200 *	55.2	418.6	89,200 *	175
180	44.8	396.5	54,100 *	49.3	406.9	69,700 *	53.5	415.0	86,700 *	180
185	42.9	391.2	52,200 *	47.5	402.4	67,300 *	51.9	411.1	84,200 *	185
190	40.9	385.5	50,400 *	45.7	397.5	64,900 *	50.1	406.9	81,600 *	190
195	38.8	379.3	48,700 *	43.8	392.4	62,600 *	48.4	402.5	79,000 *	195
200	36.6	372.7	47,200 *	41.8	386.9	60,400 *	46.6	397.8	76,500 *	200
205	34.3	365.5	45,700 *	39.8	380.9	58,400 *	44.7	392.8	74,000 *	205
210	31.8	357.5	44,400 *	37.6	374.5	56,400 *	42.7	387.4	71,500 *	210
215	29.1	348.8	43,200 *	35.4	367.6	54,500 *	40.7	381.7	69,100 *	215
220	26.2	339.0	42,100 *	33.0	360.0	52,800 *	38.6	375.5	66,800 *	220
225	22.9	327.7	41,200 *	30.4	351.7	51,200 *	36.4	368.9	64,600 *	225
230	19.1	314.2	40,500 *	27.6	342.5	49,700 *	34.1	361.6	62,500 *	230
235	14.3	296.8	40,200 *	24.5	331.9	48,300 *	31.6	353.6	60,500 *	235
240	6.5	267.6	40,200 *	21.0	319.6	47,200 *	28.9	344.8	58,600 *	240
250				11.0	283.1	45,900 *	22.7	323.5	55,300 *	250
260							13.9	292.0	52,800 *	260
270										270
280										280
290										290
300										300
310										310
320										320

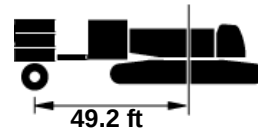


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



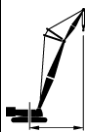
335,400 lb



236.2 ft

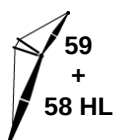


216.5 ft

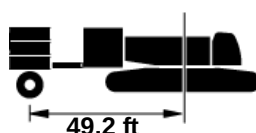
	 75°			 70°			 65°			
 ft	 o	 ft	 lb	 o	 ft	 lb	 o	 ft	 lb	 ft
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175	61.5	426.7	87,300 *							175
180	60.0	423.8	87,300 *							180
185	58.4	420.7	87,300 *							185
190	56.8	417.5	87,300 *							190
195	55.2	414.0	87,300 *							195
200	53.6	410.4	87,300 *							200
205	51.9	406.5	87,300 *							205
210	50.2	402.3	87,300 *	56.8	410.8	80,100 *				210
215	48.4	397.9	87,300 *	55.1	407.4	80,100 *				215
220	46.6	393.2	86,700 *	53.5	403.7	80,100 *				220
225	44.8	388.2	84,500 *	51.8	399.8	80,100 *				225
230	42.8	382.9	82,100 *	50.1	395.6	80,100 *				230
235	40.8	377.2	79,800 *	48.3	391.2	80,100 *				235
240	38.7	371.0	77,400 *	46.5	386.5	80,100 *				240
250	34.2	357.1	72,400 *	42.7	376.1	78,000 *	49.8	386.6	73,900 *	250
260	29.0	340.5	66,900 *	38.6	364.2	73,700 *	46.2	377.4	71,300	260
270	22.8	319.2	61,800 *	34.0	350.2	69,200 *	42.3	366.9	67,600	270
280	14.2	288.1	56,400 *	28.9	333.4	64,500 *	38.2	354.8	64,200	280
290				22.6	312.0	59,500 *	33.6	340.6	61,000	290
300				13.8	280.4	53,800 *	28.3	323.5	58,100	300
310							21.9	301.5	55,200 *	310
320							12.7	268.0	49,900 *	320

16000 MAX-ER

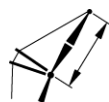
ANSI B30.5



332,000 lb
+
120,000 lb



236.2 ft



236.2 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
95	73.3	471.2	86,500 *							95
100	72.0	469.6	85,100 *							100
105	70.7	467.8	83,200 *							105
110	69.4	466.0	81,200 *							110
115	68.1	464.0	79,100 *							115
120	66.8	461.8	77,000 *	70.0	465.5	84,500 *				120
125	65.5	459.5	74,800 *	68.7	463.6	84,400 *				125
130	64.1	457.1	72,600 *	67.4	461.5	84,300 *				130
135	62.8	454.5	70,400 *	66.1	459.3	84,200 *				135
140	61.4	451.8	68,200 *	64.8	456.9	83,000 *				140
145	60.0	448.9	66,000 *	63.4	454.4	81,100 *	66.7	458.3	81,300 *	145
150	58.6	445.9	63,800 *	62.0	451.8	79,100 *	65.4	456.0	81,300 *	150
155	57.1	442.7	61,700 *	60.6	449.0	77,000 *	64.0	453.6	81,300 *	155
160	55.6	439.3	59,600 *	59.2	446.0	74,900 *	62.7	451.0	81,300 *	160
165	54.2	435.7	57,500 *	57.8	442.9	72,800 *	61.3	448.3	81,300 *	165
170	52.6	431.9	55,600 *	56.3	439.6	70,600 *	59.9	445.4	81,300 *	170
175	51.1	427.9	53,700 *	54.9	436.1	68,500 *	58.5	442.3	81,300 *	175
180	49.5	423.6	51,800 *	53.4	432.4	66,400 *	57.0	439.1	80,700 *	180
185	47.9	419.1	50,000 *	51.8	428.4	64,300 *	55.5	435.7	78,800 *	185
190	46.2	414.4	48,300 *	50.2	424.3	62,200 *	54.0	432.1	76,800 *	190
195	44.5	409.3	46,700 *	48.6	419.9	60,200 *	52.5	428.3	74,800 *	195
200	42.7	403.9	45,200 *	47.0	415.3	58,200 *	51.0	424.2	72,700 *	200
205	40.8	398.2	43,700 *	45.3	410.4	56,300 *	49.4	420.0	70,700 *	205
210	38.9	392.1	42,400 *	43.5	405.2	54,500 *	47.7	415.5	68,600 *	210
215	36.9	385.5	41,100 *	41.7	399.6	52,700 *	46.1	410.7	66,600 *	215
220	34.8	378.4	39,900 *	39.8	393.7	51,000 *	44.3	405.6	64,600 *	220
225	32.6	370.7	38,800 *	37.9	387.3	49,400 *	42.5	400.2	62,600 *	225
230	30.2	362.3	37,800 *	35.8	380.5	47,900 *	40.7	394.5	60,700 *	230
235	27.7	353.1	36,800 *	33.7	373.1	46,400 *	38.8	388.3	58,700 *	235
240	24.8	342.6	36,000 *	31.4	365.1	45,100 *	36.8	381.7	56,900 *	240
250	18.0	316.3	34,900 *	26.2	346.4	42,700 *	32.4	366.9	53,600 *	250
260	5.3	265.1	34,700 *	19.9	322.1	40,800 *	27.5	349.0	50,500 *	260
270				10.0	282.9	40,000 *	21.5	326.4	47,900 *	270
280							13.0	292.9	45,700 *	280
290										290
300										300
310										310
320										320
330										330
340										340

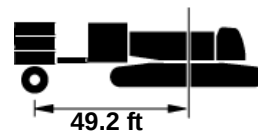


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



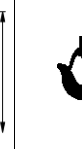
335,400 lb



236.2 ft

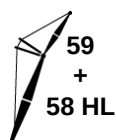


236.2 ft

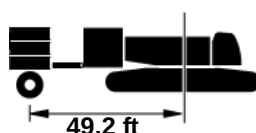
	75°			70°			65°			
										
	ft	o	ft	lb	ft	lb	ft	lb	ft	
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175										175
180	62.7	446.4	74,500 *							180
185	61.3	443.7	74,500 *							185
190	59.9	440.8	74,500 *							190
195	58.5	437.7	74,500 *							195
200	57.1	434.5	74,500 *							200
205	55.6	431.1	74,500 *							205
210	54.1	427.5	74,500 *							210
215	52.6	423.7	74,500 *							215
220	51.0	419.6	74,500 *	57.0	427.8	68,500 *				220
225	49.4	415.4	74,500 *	55.5	424.4	68,500 *				225
230	47.8	410.9	74,500 *	54.0	420.8	68,500 *				230
235	46.1	406.1	74,500 *	52.5	417.0	68,500 *				235
240	44.4	401.0	74,500 *	50.9	412.9	68,500 *				240
250	40.8	389.9	71,000 *	47.7	404.1	68,500 *	50.6	404.0	62,600 *	250
260	36.8	377.2	65,800 *	44.3	394.3	68,500 *	47.4	395.1	62,600 *	260
270	32.5	362.4	60,800 *	40.7	383.1	67,600 *	44.0	385.1	62,500	270
280	27.6	344.7	56,200 *	36.7	370.3	63,900 *	40.3	373.8	59,400	280
290	21.6	322.2	51,900 *	32.4	355.5	59,900 *				290
300	13.2	289.0	47,800 *	27.4	337.6	55,700 *	36.3	360.9	56,500	300
310				21.4	314.9	51,300 *	31.9	345.7	53,700	310
320				12.8	281.1	46,200 *	26.9	327.5	51,200	320
330							20.7	304.2	47,500 *	330
340							11.7	268.4	42,800 *	340

16000 MAX-ER

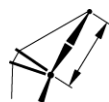
ANSI B30.5



332,000 lb
+
120,000 lb



236.2 ft



255.9 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
100	73.4	490.3	75,300 *							100
105	72.3	488.7	74,900 *							105
110	71.1	487.0	73,400 *							110
115	69.9	485.1	71,800 *							115
120	68.7	483.2	70,200 *							120
125	67.5	481.1	68,500 *	70.5	484.7	73,100 *				125
130	66.2	478.9	66,700 *	69.3	482.8	73,100 *				130
135	65.0	476.6	64,900 *	68.0	480.7	73,000 *				135
140	63.8	474.1	63,100 *	66.8	478.6	72,900 *				140
145	62.5	471.5	61,300 *	65.6	476.4	72,700 *				145
150	61.2	468.8	59,500 *	64.4	474.0	72,300 *	67.4	477.6	70,000 *	150
155	59.9	465.9	57,700 *	63.1	471.4	70,700 *	66.2	475.4	70,000 *	155
160	58.6	462.9	55,900 *	61.8	468.7	69,200 *	64.9	473.1	70,000 *	160
165	57.3	459.7	54,200 *	60.6	465.9	67,500 *	63.7	470.6	70,000 *	165
170	55.9	456.3	52,500 *	59.3	463.0	65,800 *	62.4	468.0	70,000 *	170
175	54.6	452.7	50,800 *	57.9	459.9	64,000 *	61.1	465.2	70,000 *	175
180	53.2	449.0	49,200 *	56.6	456.6	62,300 *	59.8	462.4	70,000 *	180
185	51.8	445.1	47,600 *	55.2	453.1	60,600 *	58.5	459.3	70,000 *	185
190	50.3	441.0	46,000 *	53.8	449.5	58,800 *	57.2	456.1	70,000 *	190
195	48.8	436.6	44,600 *	52.4	445.6	57,100 *	55.9	452.7	69,600 *	195
200	47.3	432.0	43,100 *	51.0	441.6	55,400 *	54.5	449.2	68,000 *	200
205	45.7	427.2	41,800 *	49.5	437.4	53,800 *	53.1	445.4	66,500 *	205
210	44.1	422.1	40,500 *	48.0	432.9	52,100 *	51.7	441.5	64,800 *	210
215	42.5	416.7	39,200 *	46.5	428.2	50,500 *	50.2	437.3	63,100 *	215
220	40.8	410.9	38,000 *	44.9	423.2	49,000 *	48.7	433.0	61,400 *	220
225	39.0	404.8	36,900 *	43.3	417.9	47,500 *	47.2	428.4	59,800 *	225
230	37.2	398.3	35,900 *	41.6	412.4	46,100 *	45.6	423.5	58,100 *	230
235	35.3	391.4	34,900 *	39.9	406.4	44,700 *	44.0	418.4	56,500 *	235
240	33.2	383.9	34,000 *	38.1	400.1	43,400 *	42.4	413.0	54,800 *	240
250	28.8	366.8	32,400 *	34.2	386.1	41,000 *	38.9	401.1	51,800 *	250
260	23.7	346.0	31,100 *	29.9	369.8	38,800 *	35.1	387.5	48,900 *	260
270	17.0	318.2	30,300 *	25.0	350.1	37,000 *	31.0	371.8	46,200 *	270
280	4.1	261.4	28,400 *	18.8	324.5	35,600 *	26.2	353.0	43,900 *	280
290				9.1	282.5	33,700 *	20.4	329.1	41,900 *	290
300							12.1	293.4	37,700 *	300
310										310
320										320
330										330
340										340
350										350
360										360

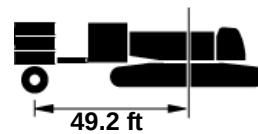


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



236.2 ft

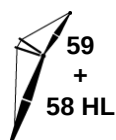


255.9 ft

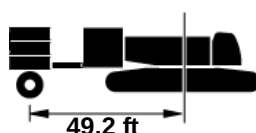
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175										175
180										180
185										185
190	62.5	463.4	64,000 *							190
195	61.2	460.6	64,000 *							195
200	59.9	457.7	64,000 *							200
205	58.6	454.7	64,000 *							205
210	57.3	451.5	64,000 *							210
215	55.9	448.1	64,000 *							215
220	54.5	444.6	64,000 *							220
225	53.1	440.8	64,000 *							225
230	51.7	436.9	64,000 *	57.2	444.8	58,300 *				230
235	50.3	432.8	64,000 *	55.8	441.4	58,300 *				235
240	48.8	428.4	64,000 *	54.5	437.9	58,300 *				240
250	45.7	419.0	64,000 *	51.6	430.2	58,300 *				250
260	42.4	408.4	64,000 *	48.7	421.6	58,300 *				260
270	39.0	396.6	59,500 *	45.6	412.2	58,300 *	51.4	421.2	52,800 *	270
280	35.2	383.0	55,000 *	42.3	401.6	58,300 *	48.4	412.6	52,800 *	280
290	31.0	367.4	50,900 *	38.9	389.7	58,300 *	45.3	403.1	52,800 *	290
300	26.3	348.6	47,100 *	35.1	376.1	55,100 *	42.0	392.4	52,800 *	300
310	20.5	324.9	43,500 *	30.9	360.4	51,000 *	38.5	380.3	52,100 *	310
320	12.3	289.6	40,000 *	26.1	341.5	47,200 *	34.7	366.6	49,400 *	320
330				20.3	317.6	43,600 *	30.5	350.6	46,800 *	330
340				12.0	281.6	39,700 *	25.6	331.4	44,300 *	340
350							19.7	306.7	41,000 *	350
360							10.8	268.6	36,600 *	360

16000 MAX-ER

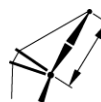
ANSI B30.5



332,000 lb
+
120,000 lb



236.2 ft



275.6 ft

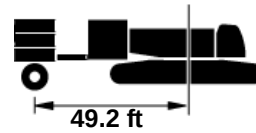
	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
105	73.6	509.3	64,600 *							105
110	72.5	507.7	64,100 *							110
115	71.4	506.1	63,800 *							115
120	70.3	504.3	63,100 *							120
125	69.2	502.4	61,900 *							125
130	68.0	500.4	60,500 *	70.8	503.8	62,400 *				130
135	66.9	498.2	59,100 *	69.7	501.9	62,300 *				135
140	65.8	496.0	57,700 *	68.6	500.0	62,200 *				140
145	64.6	493.6	56,300 *	67.5	497.9	62,100 *				145
150	63.5	491.1	54,900 *	66.3	495.7	61,900 *				150
155	62.3	488.5	53,400 *	65.2	493.4	61,700 *	68.0	496.9	59,700 *	155
160	61.1	485.7	52,000 *	64.0	491.0	61,500 *	66.8	494.7	59,600 *	160
165	59.9	482.9	50,500 *	62.8	488.4	61,300 *	65.7	492.5	59,600 *	165
170	58.7	479.8	49,100 *	61.7	485.7	60,300 *	64.5	490.1	59,600 *	170
175	57.5	476.6	47,700 *	60.5	482.9	58,900 *	63.4	487.6	59,600 *	175
180	56.2	473.3	46,300 *	59.3	479.9	57,600 *	62.2	485.0	59,600 *	180
185	54.9	469.8	44,900 *	58.0	476.8	56,300 *	61.0	482.2	59,500 *	185
190	53.6	466.1	43,600 *	56.8	473.6	54,900 *	59.8	479.3	59,400 *	190
195	52.3	462.3	42,300 *	55.5	470.1	53,500 *	58.6	476.3	59,300 *	195
200	51.0	458.3	41,000 *	54.3	466.5	52,100 *	57.4	473.1	59,200 *	200
205	49.6	454.0	39,800 *	53.0	462.8	50,700 *	56.1	469.7	59,100 *	205
210	48.3	449.6	38,600 *	51.6	458.9	49,400 *	54.9	466.2	59,000 *	210
215	46.8	444.9	37,400 *	50.3	454.7	48,000 *	53.6	462.5	58,600 *	215
220	45.4	440.0	36,300 *	48.9	450.4	46,700 *	52.2	458.7	57,400 *	220
225	43.9	434.9	35,300 *	47.5	445.8	45,400 *	50.9	454.6	56,100 *	225
230	42.3	429.4	34,200 *	46.1	441.0	44,100 *	49.5	450.4	54,800 *	230
235	40.8	423.7	33,300 *	44.6	436.0	42,900 *	48.2	446.0	53,500 *	235
240	39.1	417.6	32,400 *	43.1	430.7	41,700 *	46.7	441.3	52,200 *	240
250	35.7	404.2	30,700 *	39.9	419.2	39,400 *	43.8	431.2	49,500 *	250
260	31.9	389.0	29,200 *	36.5	406.2	37,300 *	40.7	419.9	47,000 *	260
270	27.6	371.1	28,000 *	32.8	391.5	35,300 *	37.3	407.3	44,600 *	270
280	22.6	349.2	27,000 *	28.7	374.3	33,700 *	33.7	393.0	42,400 *	280
290	16.1	319.9	26,500 *	23.9	353.5	32,300 *	29.7	376.5	40,300 *	290
300	2.5	255.2	21,500 *	17.9	326.5	31,300 *	25.0	356.7	38,400 *	300
310				8.3	281.7	26,900 *	19.4	331.5	35,800 *	310
320							11.3	293.7	30,600 *	320
330										330
340										340
350										350
360										360
370										370
380										380



ANSI B30.5

16000 MAX-ER

332,000 lb
+
120,000 lb



335,400 lb



236.2 ft



275.6 ft

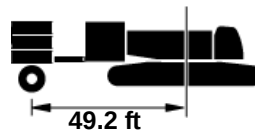
	75°			70°			65°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175										175
180										180
185										185
190										190
195										195
200	62.3	480.3	54,400 *							200
205	61.1	477.6	54,400 *							205
210	59.9	474.7	54,400 *							210
215	58.7	471.6	54,400 *							215
220	57.4	468.5	54,400 *							220
225	56.2	465.1	54,400 *							225
230	54.9	461.6	54,400 *							230
235	53.6	457.9	54,400 *							235
240	52.3	454.1	54,400 *	57.3	461.8	49,300 *				240
250	49.6	445.8	54,400 *	54.8	454.9	49,300 *				250
260	46.8	436.7	54,400 *	52.2	447.4	49,300 *				260
270	43.8	426.6	54,400 *	49.5	439.1	49,300 *	52.0	438.5	45,000 *	270
280	40.7	415.4	54,000 *	46.7	429.9	49,300 *	49.3	430.1	45,000 *	280
290	37.4	402.9	49,900 *	43.7	419.8	49,300 *	46.4	420.9	45,000 *	290
300	33.7	388.6	46,100 *	40.6	408.6	49,300 *	43.5	410.6	45,000 *	300
310	29.7	372.1	42,500 *	37.3	396.0	49,300 *				310
320	25.1	352.4	39,200 *	33.6	381.6	46,200 *	40.3	399.3	45,000 *	320
330	19.5	327.4	36,100 *	29.6	365.0	42,700 *	36.9	386.5	44,500 *	330
340	11.5	290.0	33,100 *	25.0	345.2	39,400 *	33.3	372.0	42,100 *	340
350				19.3	320.0	36,300 *	29.2	355.2	39,800 *	350
360				11.2	281.9	32,900 *	24.5	335.0	37,300 *	360
370							18.7	309.0	34,100 *	370
380							10.0	268.4	30,200 *	380

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



255.9 ft



78.7 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
55	70.2	338.6	223,800 *d							55
60	66.3	336.4	216,000 *c							60
65	62.2	333.8	205,600 *b							65
70	57.9	330.7	195,300 *b	69.0	336.5	225,100 *c				70
75	53.4	327.0	185,200 *b	65.0	334.1	222,400 *c				75
80	48.6	322.7	175,600 *	60.8	331.4	215,700 *b				80
85	43.3	317.5	166,700 *	56.5	328.1	205,800 *b	67.6	333.6	224,000 *c	85
90	37.5	311.2	158,800 *	51.9	324.2	196,000 *b	63.6	331.1	221,700 *b	90
95	30.6	303.3	152,100 *	46.9	319.7	186,400 *	59.4	328.2	212,600 *b	95
100	21.8	292.2	147,400 *	41.5	314.2	177,500 *	54.9	324.7	203,400 *b	100
105				35.4	307.4	169,300 *	50.2	320.6	194,200 *b	105
110				28.1	298.7	160,400 *	45.2	315.8	185,000 *	110
115				18.1	285.9	150,400 *	39.6	309.9	175,900 *	115
120							33.1	302.6	166,600 *	120
125							25.2	292.9	157,000 *	125
130							12.8	276.7	146,400 *	130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175										175
180										180
185										185
190										190
195										195

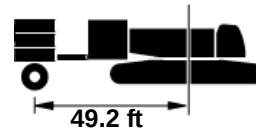


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



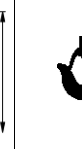
335,400 lb



255.9 ft



78.7 ft

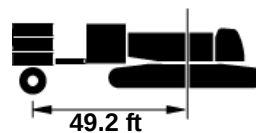
	75°			70°			65°			
										
	ft	o	ft	lb	o	ft	lb	o	ft	lb
55										55
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115	61.0	324.2	213,000 *b							115
120	56.6	321.0	205,200 *b							120
125	52.0	317.1	197,000 *b							125
130	47.1	312.6	188,500 *							130
135	41.7	307.1	179,700 *							135
140	35.7	300.4	170,700 *	57.8	314.9	178,300 *b				140
145	28.4	291.8	161,600 *	53.3	311.2	171,600 *b				145
150	18.5	279.2	151,500 *	48.5	306.9	165,000				150
155				43.2	301.7	158,700				155
160				37.4	295.4	152,700				160
165				30.5	287.4	147,100				165
170				21.6	276.2	141,800	49.1	298.6	133,500 b	170
175							43.9	293.6	128,800	175
180							38.2	287.4	124,500	180
185							31.5	279.7	120,300	185
190							23.0	269.2	116,400	190
195							6.7	247.4	112,300	195

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



255.9 ft



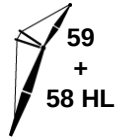
98.4 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
60	71.3	357.7	194,300 *c							60
65	68.1	355.7	187,200 *b							65
70	64.9	353.4	179,000 *b							70
75	61.6	350.7	170,800 *b	70.3	355.7	195,300 *c				75
80	58.2	347.6	162,500 *b	67.1	353.6	193,700 *b				80
85	54.6	344.1	154,400 *	63.9	351.1	189,500 *b				85
90	50.9	340.1	146,700 *	60.5	348.3	181,700 *b				90
95	47.0	335.5	139,400 *	57.1	345.1	173,700 *	66.0	350.6	193,100 *b	95
100	42.7	330.2	132,700 *	53.5	341.5	165,900 *	62.8	348.1	191,900 *b	100
105	38.1	324.0	126,700 *	49.7	337.3	158,100 *	59.4	345.1	185,600 *b	105
110	32.9	316.6	121,400 *	45.6	332.5	150,700 *	55.9	341.8	178,600 *	110
115	26.7	307.3	117,100 *	41.3	326.9	143,700 *	52.2	338.0	171,700 *	115
120	18.7	294.4	114,400 *	36.5	320.4	137,300 *	48.3	333.6	164,700 *	120
125				31.0	312.4	131,700 *	44.2	328.5	157,900 *	125
130				24.5	302.3	127,000 *	39.7	322.7	151,000 *	130
135				15.2	287.2	124,000 *	34.7	315.7	144,200 *	135
140							29.0	307.2	137,200 *	140
145							21.8	295.9	129,900 *	145
150							10.1	276.4	121,500 *	150
155										155
160										160
165										165
170										170
175										175
180										180
185										185
190										190
195										195
200										200
205										205
210										210

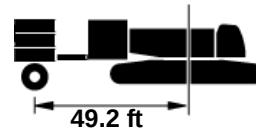


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



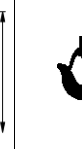
335,400 lb



255.9 ft



98.4 ft

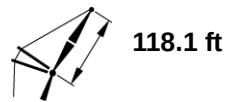
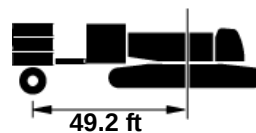
	75°			70°			65°			
	 ft	 °	 ft	 lb	 °	 ft	 lb	 °	 ft	 lb
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125	60.7	341.2	186,400 *b							125
130	57.2	338.0	180,600 *							130
135	53.6	334.3	174,500 *							135
140	49.8	330.2	168,100 *							140
145	45.8	325.4	161,600 *							145
150	41.4	319.9	155,000 *							150
155	36.7	313.4	148,400 *	54.6	328.4	157,400				155
160	31.2	305.5	141,600 *	50.8	324.3	151,600				160
165	24.7	295.4	134,400 *	46.9	319.7	146,100				165
170	15.6	280.6	126,400 *	42.6	314.4	140,900				170
175				38.0	308.2	136,000				175
180				32.8	300.8	131,500	51.3	316.0	123,200	180
185				26.6	291.4	127,100	47.4	311.5	119,200	185
190				18.5	278.4	122,900	43.2	306.3	115,300	190
195							38.6	300.2	111,700	195
200							33.5	293.0	108,200	200
205							27.5	284.0	104,900	205
210							19.8	271.6	101,700	210

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
65	71.9	376.9	169,200 *b							65
70	69.4	375.0	163,100 *b							70
75	66.7	372.8	156,500 *b							75
80	64.0	370.4	149,900 *							80
85	61.3	367.7	143,200 *	68.5	372.9	169,400 *b				85
90	58.4	364.6	136,600 *	65.9	370.6	166,900 *b				90
95	55.5	361.2	130,100 *	63.1	368.1	160,800 *				95
100	52.4	357.4	123,900 *	60.4	365.3	154,400 *	67.6	370.0	167,900 *b	100
105	49.2	353.1	118,000 *	57.5	362.1	148,100 *	64.9	367.7	167,600 *b	105
110	45.9	348.4	112,500 *	54.5	358.6	141,700 *	62.2	365.0	166,700 *	110
115	42.3	343.0	107,400 *	51.4	354.6	135,400 *	59.4	362.1	163,900 *	115
120	38.5	336.8	102,800 *	48.2	350.2	129,300 *	56.5	358.8	158,000 *	120
125	34.3	329.7	98,600 *	44.8	345.3	123,500 *	53.5	355.1	151,900 *	125
130	29.5	321.3	95,000 *	41.1	339.6	118,100 *	50.4	351.0	145,800 *	130
135	23.9	310.8	92,200 *	37.2	333.2	113,000 *	47.1	346.5	139,800 *	135
140	16.3	296.1	90,700 *	32.8	325.7	108,500 *	43.6	341.3	134,000 *	140
145				27.8	316.7	104,500 *	39.8	335.4	128,400 *	145
150				21.7	305.3	101,300 *	35.8	328.7	123,100 *	150
155				13.0	288.0	99,500 *	31.2	320.7	118,200 *	155
160							25.9	311.1	113,900 *	160
165							19.3	298.3	109,600 *	165
170							7.8	275.3	102,800 *	170
175										175
180										180
185										185
190										190
195										195
200										200
205										205
210										210
215										215
220										220
225										225
230										230

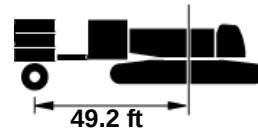


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



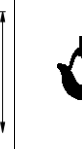
335,400 lb



255.9 ft



118.1 ft

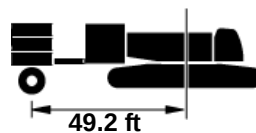
	75°			70°			65°			
	 ft	 °	 ft	 lb	 °	 ft	 lb	 °	 ft	 lb
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135	60.5	358.1	162,600 *							135
140	57.6	355.0	160,500 *							140
145	54.6	351.5	155,800 *							145
150	51.5	347.5	150,900 *							150
155	48.3	343.1	145,900 *							155
160	44.9	338.2	140,800 *							160
165	41.3	332.6	135,600 *	55.4	345.4	144,200				165
170	37.3	326.2	130,500 *	52.4	341.6	139,100				170
175	33.0	318.8	125,200 *	49.2	337.3	134,300				175
180	28.0	309.8	119,700 *	45.8	332.6	129,800				180
185	22.0	298.5	113,800 *	42.3	327.2	125,500				185
190	13.4	281.5	107,300 *	38.4	321.0	121,500	52.8	333.3	113,400	190
195				34.2	313.9	117,600	49.6	329.1	109,800	195
200				29.4	305.4	114,000	46.3	324.4	106,400	200
205				23.7	294.8	110,500	42.7	319.1	103,200	205
210				16.2	280.1	107,100	38.9	313.0	100,100	210
215							34.8	306.0	97,200	215
220							30.1	297.8	94,400	220
225							24.6	287.5	91,700	225
230							17.4	273.6	89,000	230

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



335,400 lb



255.9 ft



137.8 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
70	72.4	395.9	147,900 *b							70
75	70.2	394.1	143,000 *b							75
80	68.0	392.1	137,800 *							80
85	65.7	389.9	132,500 *							85
90	63.4	387.4	127,000 *	69.5	392.1	148,500 *b				90
95	61.0	384.6	121,600 *	67.3	390.0	147,600 *				95
100	58.6	381.6	116,300 *	65.0	387.7	142,900 *				100
105	56.1	378.2	111,100 *	62.6	385.1	137,900 *				105
110	53.5	374.6	106,100 *	60.2	382.2	132,700 *	66.5	387.1	146,400 *	110
115	50.8	370.5	101,300 *	57.8	379.1	127,600 *	64.2	384.7	146,200 *	115
120	48.0	366.1	96,800 *	55.3	375.6	122,400 *	61.8	382.0	145,700 *	120
125	45.1	361.2	92,500 *	52.6	371.9	117,300 *	59.4	379.1	142,200 *	125
130	42.0	355.7	88,600 *	49.9	367.7	112,300 *	56.9	375.8	137,400 *	130
135	38.8	349.6	85,000 *	47.1	363.1	107,500 *	54.4	372.3	132,500 *	135
140	35.2	342.7	81,700 *	44.2	358.0	103,000 *	51.7	368.4	127,600 *	140
145	31.3	334.8	78,800 *	41.0	352.4	98,700 *	49.0	364.0	122,700 *	145
150	26.9	325.4	76,300 *	37.7	346.0	94,600 *	46.1	359.3	117,800 *	150
155	21.6	313.7	74,500 *	34.0	338.8	91,000 *	43.1	354.0	113,100 *	155
160	14.5	297.3	73,600 *	30.0	330.5	87,700 *	39.9	348.2	108,600 *	160
165				25.3	320.5	84,800 *	36.5	341.6	104,300 *	165
170				19.6	307.7	82,600 *	32.7	334.0	100,400 *	170
175				11.2	288.2	81,400 *	28.5	325.2	96,700 *	175
180							23.5	314.4	93,500 *	180
185							17.3	300.2	91,000 *	185
190							5.8	273.0	88,100 *	190
195										195
200										200
205										205
210										210
215										215
220										220
225										225
230										230
235										235
240										240
250										250

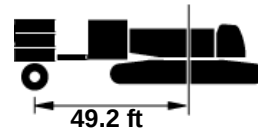


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



255.9 ft

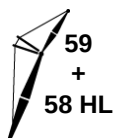


137.8 ft

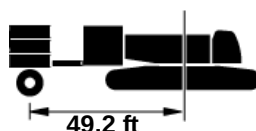
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140	62.7	377.9	140,200 *							140
145	60.3	375.1	140,200 *							145
150	57.9	372.0	140,200 *							150
155	55.3	368.5	139,900 *							155
160	52.7	364.7	136,100 *							160
165	50.0	360.6	132,100 *							165
170	47.2	356.0	128,100 *							170
175	44.3	351.0	124,000 *	56.0	362.5	132,800				175
180	41.1	345.3	119,800 *	53.4	358.8	128,300				180
185	37.8	339.0	115,800 *	50.8	354.7	124,100				185
190	34.1	331.9	111,500 *	48.0	350.3	120,100				190
195	30.1	323.5	107,100 *	45.1	345.4	116,300				195
200	25.5	313.6	102,600 *	42.0	339.9	112,800				200
205	19.8	301.0	97,800 *	38.7	333.8	109,400	51.1	346.5	101,700	205
210	11.6	281.9	92,400 *	35.2	326.9	106,100	48.4	342.1	98,700	210
215				31.2	318.9	103,000	45.5	337.2	95,800	215
220				26.8	309.5	100,000	42.4	331.8	93,100	220
225				21.5	297.7	97,200	39.1	325.8	90,400	225
230				14.3	281.2	94,400	35.6	319.0	87,900	230
235							31.8	311.2	85,500	235
240							27.4	302.0	83,200	240
250							15.5	275.0	78,700	250

16000 MAX-ER

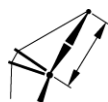
ANSI B30.5



332,000 lb
+
120,000 lb



255.9 ft



157.5 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
75	72.8	415.0	129,400 *b							75
80	70.9	413.3	125,500 *							80
85	68.9	411.4	121,500 *							85
90	66.9	409.2	117,200 *							90
95	64.9	406.9	112,900 *	70.2	411.2	129,400 *				95
100	62.9	404.4	108,500 *	68.3	409.3	129,100 *				100
105	60.8	401.6	104,200 *	66.3	407.1	126,800 *				105
110	58.7	398.5	99,900 *	64.3	404.7	123,000 *				110
115	56.5	395.2	95,700 *	62.2	402.0	118,900 *	67.6	406.4	127,000 *	115
120	54.3	391.7	91,700 *	60.1	399.2	114,800 *	65.6	404.1	127,000 *	120
125	52.0	387.8	87,800 *	58.0	396.1	110,600 *	63.6	401.7	127,000 *	125
130	49.6	383.6	84,100 *	55.8	392.7	106,500 *	61.5	399.0	126,800 *	130
135	47.1	379.0	80,600 *	53.5	389.0	102,300 *	59.4	396.0	123,900 *	135
140	44.5	374.0	77,200 *	51.2	385.0	98,300 *	57.3	392.8	120,000 *	140
145	41.8	368.5	74,200 *	48.8	380.7	94,300 *	55.0	389.3	116,100 *	145
150	39.0	362.4	71,300 *	46.3	376.0	90,500 *	52.8	385.6	112,100 *	150
155	35.9	355.6	68,700 *	43.7	370.8	86,900 *	50.4	381.5	108,100 *	155
160	32.6	348.0	66,300 *	40.9	365.1	83,500 *	48.0	377.0	104,200 *	160
165	28.9	339.3	64,200 *	38.0	358.9	80,300 *	45.4	372.1	100,300 *	165
170	24.8	329.0	62,500 *	34.9	351.9	77,300 *	42.8	366.8	96,500 *	170
175	19.8	316.2	61,300 *	31.5	343.9	74,600 *	40.0	360.9	92,900 *	175
180	12.9	298.1	60,800 *	27.7	334.8	72,100 *	37.0	354.4	89,400 *	180
185				23.3	323.8	70,100 *	33.8	347.1	86,200 *	185
190				17.9	309.8	68,500 *	30.2	338.8	83,100 *	190
195				9.7	287.9	67,900 *	26.3	329.1	80,400 *	195
200							21.6	317.4	78,000 *	200
205							15.6	301.7	76,100 *	205
210							3.4	268.4	74,900 *	210
215										215
220										220
225										225
230										230
235										235
240										240
250										250
260										260
270										270

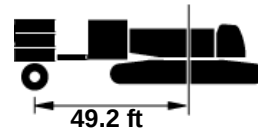


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



255.9 ft

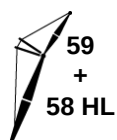


157.5 ft

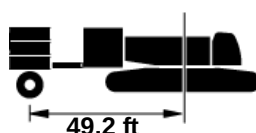
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150	62.3	394.9	121,100 *							150
155	60.2	392.0	121,100 *							155
160	58.1	388.9	121,100 *							160
165	55.9	385.6	121,100 *							165
170	53.6	381.9	121,100 *							170
175	51.3	377.9	118,400 *							175
180	48.9	373.6	115,200 *							180
185	46.4	368.9	111,900 *	56.5	379.5	114,900 *				185
190	43.8	363.7	108,600 *	54.2	375.9	114,900 *				190
195	41.0	358.1	105,200 *	51.9	372.0	114,500				195
200	38.1	351.8	101,900 *	49.5	367.8	110,900				200
205	35.0	344.8	98,400 *	47.1	363.2	107,600				205
210	31.6	337.0	94,900 *	44.5	358.2	104,400				210
215	27.8	327.8	91,300 *	41.8	352.6	101,300	52.2	363.7	93,900	215
220	23.5	317.0	87,600 *	38.9	346.6	98,400	49.9	359.5	91,100	220
225	18.1	303.1	83,600 *	35.9	339.8	95,600	47.4	355.0	88,600	225
230	10.1	281.7	78,900 *	32.5	332.2	93,000	44.8	350.0	86,100	230
235				28.9	323.4	90,400	42.1	344.5	83,700	235
240				24.7	313.1	87,900	39.3	338.5	81,400	240
250				12.8	282.0	81,900 *	33.0	324.4	77,200	250
260							25.3	305.7	73,200	260
270							13.9	276.1	69,400	270

16000 MAX-ER

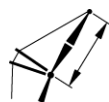
ANSI B30.5



332,000 lb
+
120,000 lb



255.9 ft



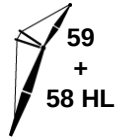
177.2 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
80	73.1	434.1	113,800 *							80
85	71.4	432.4	110,700 *							85
90	69.6	430.5	107,500 *							90
95	67.9	428.5	104,100 *							95
100	66.1	426.3	100,600 *	70.8	430.4	113,400 *				100
105	64.3	423.9	97,100 *	69.1	428.5	113,300 *				105
110	62.5	421.3	93,500 *	67.3	426.4	112,800 *				110
115	60.7	418.5	90,000 *	65.6	424.1	109,900 *				115
120	58.8	415.5	86,500 *	63.8	421.7	106,700 *				120
125	56.8	412.3	83,100 *	61.9	419.0	103,400 *	66.7	423.5	111,000 *	125
130	54.9	408.8	79,800 *	60.1	416.1	100,100 *	65.0	421.2	111,000 *	130
135	52.8	405.0	76,600 *	58.2	413.0	96,600 *	63.1	418.6	111,000 *	135
140	50.8	400.9	73,500 *	56.2	409.7	93,200 *	61.3	415.9	110,900 *	140
145	48.6	396.6	70,600 *	54.2	406.1	89,800 *	59.4	413.0	108,600 *	145
150	46.4	391.9	67,900 *	52.2	402.3	86,500 *	57.5	409.8	105,500 *	150
155	44.1	386.7	65,200 *	50.1	398.1	83,200 *	55.5	406.4	102,400 *	155
160	41.7	381.2	62,800 *	47.9	393.6	80,100 *	53.5	402.7	99,100 *	160
165	39.1	375.1	60,500 *	45.7	388.8	77,100 *	51.5	398.8	95,900 *	165
170	36.4	368.5	58,400 *	43.3	383.6	74,200 *	49.4	394.5	92,600 *	170
175	33.6	361.1	56,500 *	40.9	377.9	71,400 *	47.2	389.9	89,400 *	175
180	30.4	352.9	54,800 *	38.3	371.6	68,800 *	44.9	384.9	86,300 *	180
185	27.0	343.4	53,300 *	35.5	364.8	66,400 *	42.5	379.5	83,200 *	185
190	23.0	332.3	52,100 *	32.6	357.1	64,100 *	40.0	373.7	80,200 *	190
195	18.3	318.4	51,200 *	29.4	348.5	62,100 *	37.4	367.2	77,400 *	195
200	11.6	298.5	51,100 *	25.8	338.6	60,300 *	34.6	360.1	74,700 *	200
205				21.6	326.7	58,800 *	31.5	352.2	72,200 *	205
210				16.4	311.5	57,700 *	28.2	343.2	69,900 *	210
215				8.3	287.0	57,400 *	24.4	332.7	67,800 *	215
220							20.0	319.9	66,000 *	220
225							14.2	302.8	64,600 *	225
230										230
235										235
240										240
250										250
260										260
270										270
280										280
290										290

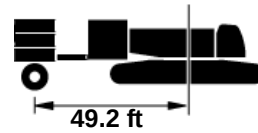


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



255.9 ft

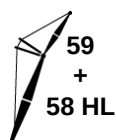


177.2 ft

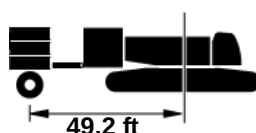
	75°			70°			65°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160	62.0	411.8	105,200 *							160
165	60.1	409.0	105,200 *							165
170	58.2	405.9	105,200 *							170
175	56.3	402.6	105,200 *							175
180	54.3	399.0	105,200 *							180
185	52.3	395.2	105,200 *							185
190	50.2	391.0	104,900 *							190
195	48.0	386.5	102,200 *	56.8	396.5	98,600 *				195
200	45.7	381.7	99,500 *	54.8	393.0	98,600 *				200
205	43.4	376.5	96,700 *	52.8	389.2	98,600 *				205
210	41.0	370.8	93,900 *	50.7	385.1	98,600 *				210
215	38.4	364.6	91,100 *	48.6	380.8	98,600 *				215
220	35.6	357.8	88,300 *	46.4	376.1	97,000				220
225	32.7	350.2	85,400 *	44.0	370.9	94,300				225
230	29.5	341.6	82,400 *	41.6	365.4	91,600	51.0	376.9	84,600	230
235	25.9	331.7	79,400 *	39.1	359.3	89,100	48.9	372.5	82,200	235
240	21.8	319.9	76,200 *	36.4	352.7	86,700	46.6	367.9	80,000	240
250	8.8	281.1	68,600 *	30.4	337.0	82,200	41.9	357.3	75,800	250
260				22.9	316.3	77,900	36.7	344.7	71,900	260
270				11.5	282.3	71,500 *	30.8	329.3	68,200	270
280							23.5	309.1	64,800	280
290							12.5	276.7	61,600	290

16000 MAX-ER

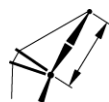
ANSI B30.5



332,000 lb
+
120,000 lb



255.9 ft



196.9 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
85	73.3	453.1	100,000 *							85
90	71.8	451.5	97,600 *							90
95	70.2	449.7	95,100 *							95
100	68.7	447.8	92,400 *							100
105	67.1	445.6	89,500 *							105
110	65.5	443.4	86,700 *	69.7	447.6	99,100 *				110
115	63.9	440.9	83,800 *	68.2	445.6	99,000 *				115
120	62.2	438.3	80,900 *	66.6	443.5	97,800 *				120
125	60.5	435.5	78,000 *	65.0	441.2	95,400 *				125
130	58.8	432.5	75,200 *	63.3	438.6	92,800 *	67.6	442.8	96,400 *	130
135	57.1	429.2	72,400 *	61.7	436.0	90,200 *	66.0	440.6	96,400 *	135
140	55.3	425.8	69,700 *	60.0	433.1	87,400 *	64.4	438.2	96,400 *	140
145	53.5	422.1	67,100 *	58.3	430.0	84,700 *	62.8	435.6	96,400 *	145
150	51.7	418.2	64,600 *	56.6	426.7	81,900 *	61.1	432.9	96,400 *	150
155	49.8	414.0	62,100 *	54.8	423.2	79,100 *	59.4	429.9	95,400 *	155
160	47.8	409.5	59,800 *	53.0	419.5	76,400 *	57.7	426.8	92,900 *	160
165	45.8	404.7	57,600 *	51.1	415.5	73,700 *	56.0	423.4	90,400 *	165
170	43.7	399.5	55,600 *	49.2	411.2	71,100 *	54.2	419.8	87,700 *	170
175	41.5	394.0	53,600 *	47.2	406.6	68,500 *	52.3	416.0	85,100 *	175
180	39.3	387.9	51,800 *	45.2	401.6	66,100 *	50.4	411.9	82,500 *	180
185	36.9	381.4	50,100 *	43.0	396.3	63,700 *	48.5	407.5	79,800 *	185
190	34.3	374.2	48,500 *	40.8	390.6	61,500 *	46.5	402.8	77,200 *	190
195	31.6	366.2	47,100 *	38.5	384.4	59,400 *	44.4	397.7	74,600 *	195
200	28.6	357.3	45,800 *	36.1	377.7	57,400 *	42.3	392.3	72,100 *	200
205	25.3	347.2	44,700 *	33.5	370.3	55,600 *	40.0	386.4	69,700 *	205
210	21.5	335.2	43,900 *	30.7	362.0	53,900 *	37.7	380.1	67,400 *	210
215	16.9	320.2	43,300 *	27.6	352.8	52,400 *	35.2	373.1	65,200 *	215
220	10.4	298.5	43,300 *	24.2	342.1	51,000 *	32.5	365.4	63,100 *	220
225				20.2	329.4	49,900 *	29.6	356.9	61,200 *	225
230				15.2	312.9	49,100 *	26.5	347.2	59,400 *	230
235				7.1	285.6	49,100 *	22.9	335.9	57,800 *	235
240							18.6	322.2	56,300 *	240
250										250
260										260
270										270
280										280
290										290
300										300
310										310

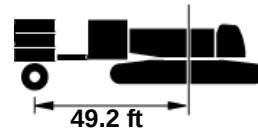


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



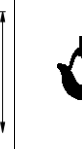
335,400 lb



255.9 ft

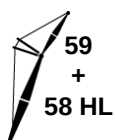


196.9 ft

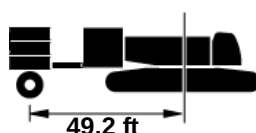
	75°			70°			65°			
										
	ft	o	ft	lb	o	ft	lb	o	ft	lb
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170	61.7	428.8	90,800 *							170
175	60.1	425.9	90,800 *							175
180	58.4	422.9	90,800 *							180
185	56.6	419.6	90,800 *							185
190	54.8	416.1	90,800 *							190
195	53.0	412.3	90,800 *							195
200	51.2	408.3	90,800 *							200
205	49.2	404.0	90,800 *	57.1	413.5	84,300 *				205
210	47.3	399.5	90,700 *	55.3	410.0	84,300 *				210
215	45.2	394.5	88,500 *	53.5	406.4	84,300 *				215
220	43.1	389.3	86,200 *	51.7	402.4	84,300 *				220
225	40.9	383.6	83,800 *	49.8	398.2	84,300 *				225
230	38.6	377.4	81,400 *	47.8	393.7	84,300 *				230
235	36.1	370.7	79,100 *	45.8	388.9	84,300 *				235
240	33.5	363.3	76,600 *	43.7	383.7	84,300 *	51.9	394.1	78,100	240
250	27.7	345.9	71,600 *	39.2	372.1	80,500	48.1	385.5	73,900	250
260	20.3	322.6	66,200 *	34.3	358.3	76,300	44.0	375.6	70,000	260
270	7.5	279.9	59,500 *	28.5	341.4	72,500	39.5	364.1	66,500	270
280				21.5	319.2	68,800 *	34.6	350.5	63,200	280
290				10.3	282.2	62,200 *	29.0	333.8	60,100	290
300							22.0	312.1	57,100	300
310							11.4	277.0	54,300	310

16000 MAX-ER

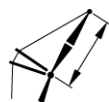
ANSI B30.5



332,000 lb
+
120,000 lb



255.9 ft



216.5 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
90	73.5	472.2	88,000 *							90
95	72.1	470.6	86,100 *							95
100	70.7	468.8	84,100 *							100
105	69.3	467.0	81,900 *							105
110	67.8	464.9	79,600 *							110
115	66.4	462.7	77,300 *	70.2	466.8	86,700 *				115
120	64.9	460.4	75,000 *	68.8	464.9	86,600 *				120
125	63.5	457.9	72,700 *	67.4	462.8	86,500 *				125
130	62.0	455.3	70,300 *	65.9	460.6	85,100 *				130
135	60.4	452.4	68,000 *	64.5	458.2	83,100 *				135
140	58.9	449.4	65,700 *	63.0	455.6	81,000 *	66.9	459.9	84,100 *	140
145	57.3	446.2	63,400 *	61.5	452.9	78,800 *	65.4	457.6	84,100 *	145
150	55.7	442.8	61,200 *	60.0	450.0	76,600 *	64.0	455.2	84,100 *	150
155	54.1	439.2	59,000 *	58.4	447.0	74,400 *	62.5	452.6	84,100 *	155
160	52.4	435.4	56,900 *	56.8	443.7	72,100 *	61.0	449.8	84,100 *	160
165	50.7	431.4	54,900 *	55.2	440.3	69,800 *	59.4	446.9	83,800 *	165
170	49.0	427.0	53,000 *	53.6	436.6	67,600 *	57.9	443.7	81,900 *	170
175	47.2	422.4	51,200 *	51.9	432.7	65,400 *	56.3	440.4	79,900 *	175
180	45.3	417.5	49,400 *	50.2	428.5	63,200 *	54.7	436.9	77,800 *	180
185	43.4	412.3	47,800 *	48.4	424.1	61,100 *	53.0	433.1	75,600 *	185
190	41.4	406.7	46,200 *	46.6	419.5	59,100 *	51.3	429.2	73,500 *	190
195	39.4	400.7	44,700 *	44.7	414.5	57,200 *	49.6	424.9	71,300 *	195
200	37.2	394.2	43,300 *	42.8	409.1	55,300 *	47.8	420.4	69,200 *	200
205	34.9	387.1	42,100 *	40.8	403.4	53,500 *	46.0	415.6	67,100 *	205
210	32.5	379.4	40,900 *	38.7	397.2	51,800 *	44.1	410.5	65,000 *	210
215	29.9	370.9	39,800 *	36.5	390.5	50,100 *	42.1	405.0	63,000 *	215
220	27.0	361.4	38,900 *	34.1	383.3	48,600 *	40.1	399.2	61,000 *	220
225	23.9	350.6	38,100 *	31.7	375.4	47,200 *	37.9	392.9	59,200 *	225
230	20.2	337.8	37,500 *	29.0	366.6	45,900 *	35.7	386.0	57,300 *	230
235	15.8	321.8	37,200 *	26.1	356.7	44,800 *	33.3	378.5	55,600 *	235
240	9.4	298.1	37,200 *	22.8	345.3	43,800 *	30.8	370.3	54,000 *	240
250				14.1	314.0	42,400 *	25.0	350.9	51,100 *	250
260							17.4	324.2	48,800 *	260
270										270
280										280
290										290
300										300
310										310
320										320
330										330

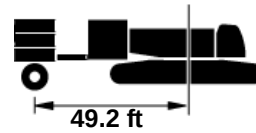


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



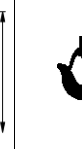
335,400 lb



255.9 ft

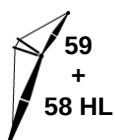


216.5 ft

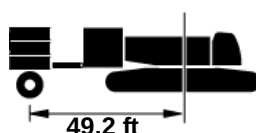
	75°			70°			65°			
										
ft	ft	ft	lb	ft	lb	ft	lb	ft	lb	ft
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175										175
180	61.5	445.8	78,900 *							180
185	60.0	442.9	78,900 *							185
190	58.5	439.8	78,900 *							190
195	56.9	436.6	78,900 *							195
200	55.3	433.1	78,900 *							200
205	53.6	429.5	78,900 *							205
210	52.0	425.6	78,900 *							210
215	50.2	421.4	78,900 *	57.3	430.5	72,600 *				215
220	48.5	417.0	78,900 *	55.7	427.1	72,600 *				220
225	46.7	412.4	78,900 *	54.1	423.5	72,600 *				225
230	44.8	407.4	78,600 *	52.4	419.6	72,600 *				230
235	42.9	402.0	76,700 *	50.7	415.6	72,600 *				235
240	40.8	396.3	74,700 *	49.0	411.2	72,600 *				240
250	36.6	383.5	70,700 *	45.3	401.7	72,600 *	52.6	411.3	66,700 *	250
260	31.8	368.4	66,500 *	41.4	390.9	72,600 *	49.2	403.0	66,700 *	260
270	26.2	349.8	62,100 *	37.2	378.4	70,900	45.5	393.5	64,700	270
280	19.1	325.0	57,300 *	32.4	363.6	67,300	41.7	382.8	61,400	280
290	6.4	278.0	51,400 *	27.0	345.5	64,000	37.4	370.4	58,400	290
300				20.2	321.9	59,800 *	32.8	355.8	55,500	300
310				9.2	281.8	53,900 *	27.4	338.0	52,800	310
320							20.7	314.8	50,100 *	320
330							10.3	277.0	47,400 *	330

16000 MAX-ER

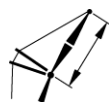
ANSI B30.5



332,000 lb
+
120,000 lb



255.9 ft



236.2 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
95	73.6	491.3	77,400 *							95
100	72.4	489.7	75,900 *							100
105	71.1	488.0	74,200 *							105
110	69.8	486.1	72,500 *							110
115	68.5	484.2	70,700 *							115
120	67.2	482.0	68,900 *	70.7	485.9	75,900 *				120
125	65.8	479.8	67,000 *	69.4	484.1	75,800 *				125
130	64.5	477.4	65,100 *	68.1	482.0	75,700 *				130
135	63.1	474.9	63,200 *	66.7	479.9	75,500 *				135
140	61.8	472.2	61,200 *	65.4	477.6	74,100 *				140
145	60.4	469.4	59,300 *	64.1	475.2	72,500 *	67.6	479.2	73,200 *	145
150	58.9	466.4	57,400 *	62.7	472.6	70,800 *	66.3	477.0	73,200 *	150
155	57.5	463.2	55,600 *	61.3	469.9	69,000 *	65.0	474.7	73,200 *	155
160	56.1	459.9	53,800 *	59.9	467.0	67,200 *	63.6	472.2	73,200 *	160
165	54.6	456.3	52,000 *	58.5	463.9	65,400 *	62.2	469.6	73,200 *	165
170	53.1	452.6	50,300 *	57.0	460.7	63,500 *	60.8	466.8	73,200 *	170
175	51.5	448.6	48,600 *	55.6	457.3	61,700 *	59.4	463.8	73,200 *	175
180	49.9	444.4	47,000 *	54.1	453.7	59,900 *	58.0	460.7	72,100 *	180
185	48.3	440.0	45,500 *	52.6	449.9	58,100 *	56.6	457.4	70,500 *	185
190	46.6	435.3	44,000 *	51.0	445.9	56,300 *	55.1	454.0	68,900 *	190
195	44.9	430.4	42,600 *	49.4	441.6	54,500 *	53.6	450.3	67,100 *	195
200	43.2	425.1	41,200 *	47.8	437.1	52,800 *	52.0	446.4	65,400 *	200
205	41.3	419.4	39,900 *	46.1	432.3	51,200 *	50.5	442.3	63,700 *	205
210	39.4	413.4	38,700 *	44.4	427.2	49,600 *	48.9	438.0	61,900 *	210
215	37.5	407.0	37,600 *	42.6	421.9	48,100 *	47.2	433.4	60,200 *	215
220	35.4	400.1	36,600 *	40.7	416.1	46,600 *	45.5	428.5	58,500 *	220
225	33.2	392.5	35,600 *	38.8	410.0	45,200 *	43.8	423.3	56,800 *	225
230	30.9	384.4	34,700 *	36.8	403.4	43,900 *	42.0	417.8	55,200 *	230
235	28.4	375.4	33,900 *	34.7	396.3	42,600 *	40.1	411.9	53,600 *	235
240	25.6	365.3	33,200 *	32.5	388.6	41,500 *	38.2	405.6	52,000 *	240
250	19.1	340.2	32,200 *	27.5	370.8	39,400 *	34.0	391.6	49,100 *	250
260	8.4	297.3	32,000 *	21.5	348.2	37,700 *	29.3	374.9	46,500 *	260
270				13.1	314.9	36,800 *	23.7	354.3	44,200 *	270
280							16.4	325.9	42,500 *	280
290										290
300										300
310										310
320										320
330										330
340										340
350										350

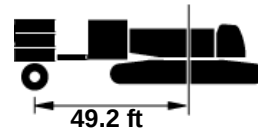


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



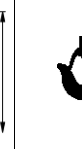
335,400 lb



255.9 ft

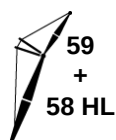


236.2 ft

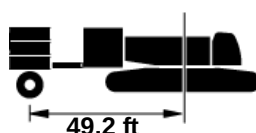
	75°			70°			65°			
										
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175										175
180										180
185	62.7	465.5	67,800 *							185
190	61.4	462.7	67,800 *							190
195	60.0	459.8	67,800 *							195
200	58.5	456.8	67,800 *							200
205	57.1	453.6	67,800 *							205
210	55.6	450.2	67,800 *							210
215	54.1	446.6	67,800 *							215
220	52.6	442.8	67,800 *							220
225	51.1	438.7	67,800 *	57.5	447.5	62,500 *				225
230	49.5	434.5	67,800 *	56.0	444.1	62,500 *				230
235	47.8	430.0	67,800 *	54.5	440.5	62,500 *				235
240	46.2	425.2	67,800 *	53.0	436.8	62,500 *				240
250	42.7	414.8	67,800 *	49.9	428.6	62,500 *				250
260	38.9	402.9	64,800 *	46.6	419.5	62,500 *				260
270	34.8	389.3	61,400 *	43.1	409.3	62,500 *	50.1	420.4	58,200 *	270
280	30.2	373.2	57,700 *	39.4	397.6	62,500 *	46.8	411.3	58,200 *	280
290	24.8	353.4	53,800 *	35.4	384.2	62,500 *	43.4	401.1	56,500 *	290
300	18.0	327.1	49,600 *	30.8	368.5	59,400 *	39.7	389.6	53,500 *	300
310	5.2	275.4	42,400 *	25.6	349.4	54,900 *	35.6	376.3	50,600 *	310
320				19.0	324.2	50,700 *	31.1	360.8	48,000 *	320
330				8.2	280.9	46,600 *	26.0	341.9	45,400 *	330
340							19.5	317.3	43,000 *	340
350							9.3	276.6	40,600 *	350

16000 MAX-ER

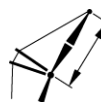
ANSI B30.5



332,000 lb
+
120,000 lb



255.9 ft



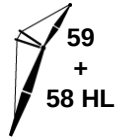
255.9 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
100	73.8	510.3	67,100 *							100
105	72.6	508.7	66,800 *							105
110	71.4	507.1	65,500 *							110
115	70.2	505.3	64,100 *							115
120	69.0	503.4	62,700 *							120
125	67.8	501.3	61,200 *							125
130	66.6	499.2	59,700 *	69.8	503.2	65,400 *				130
135	65.4	496.9	58,200 *	68.6	501.3	65,300 *				135
140	64.1	494.5	56,600 *	67.4	499.2	65,200 *				140
145	62.9	491.9	55,100 *	66.2	497.0	65,100 *				145
150	61.6	489.2	53,500 *	65.0	494.7	64,500 *				150
155	60.3	486.3	51,900 *	63.7	492.2	63,200 *	67.0	496.3	63,100 *	155
160	59.0	483.4	50,400 *	62.4	489.6	61,800 *	65.8	494.1	63,100 *	160
165	57.7	480.2	48,900 *	61.2	486.9	60,400 *	64.5	491.7	63,100 *	165
170	56.3	476.9	47,400 *	59.9	484.0	59,000 *	63.3	489.2	63,100 *	170
175	55.0	473.4	45,900 *	58.6	480.9	57,500 *	62.0	486.5	63,100 *	175
180	53.6	469.7	44,500 *	57.2	477.7	56,000 *	60.7	483.7	63,100 *	180
185	52.2	465.8	43,100 *	55.9	474.3	54,500 *	59.4	480.8	63,100 *	185
190	50.7	461.8	41,800 *	54.5	470.8	53,100 *	58.1	477.7	63,100 *	190
195	49.2	457.5	40,500 *	53.1	467.0	51,600 *	56.8	474.4	62,200 *	195
200	47.7	453.0	39,200 *	51.7	463.1	50,100 *	55.4	471.0	60,900 *	200
205	46.2	448.2	38,000 *	50.2	459.0	48,700 *	54.0	467.4	59,500 *	205
210	44.6	443.2	36,900 *	48.8	454.6	47,300 *	52.6	463.6	58,200 *	210
215	43.0	437.8	35,800 *	47.2	450.0	45,900 *	51.2	459.6	56,800 *	215
220	41.3	432.2	34,700 *	45.7	445.2	44,600 *	49.7	455.4	55,300 *	220
225	39.5	426.2	33,700 *	44.1	440.0	43,300 *	48.2	450.9	53,900 *	225
230	37.7	419.8	32,800 *	42.4	434.6	42,000 *	46.7	446.2	52,600 *	230
235	35.8	413.0	32,000 *	40.7	428.9	40,800 *	45.1	441.3	51,200 *	235
240	33.8	405.6	31,100 *	38.9	422.7	39,700 *	43.5	436.1	49,800 *	240
250	29.5	389.0	29,700 *	35.2	409.2	37,600 *	40.1	424.7	47,200 *	250
260	24.4	368.8	28,600 *	31.0	393.5	35,700 *	36.5	411.7	44,700 *	260
270	18.1	342.3	27,900 *	26.2	374.8	34,100 *	32.4	396.9	42,400 *	270
280	7.5	296.1	27,800 *	20.5	350.9	32,800 *	27.9	379.2	40,300 *	280
290				12.2	315.5	32,300 *	22.5	357.4	38,600 *	290
300							15.4	327.4	37,300 *	300
310										310
320										320
330										330
340										340
350										350
360										360
370										370

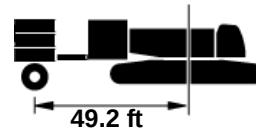


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



255.9 ft

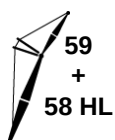


255.9 ft

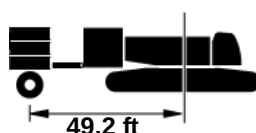
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175										175
180										180
185										185
190										190
195	62.5	482.4	58,300 *							195
200	61.2	479.7	58,300 *							200
205	59.9	476.8	58,300 *							205
210	58.6	473.7	58,300 *							210
215	57.3	470.5	58,300 *							215
220	55.9	467.2	58,300 *							220
225	54.6	463.6	58,300 *							225
230	53.2	459.9	58,300 *							230
235	51.7	456.0	58,300 *	57.6	464.4	53,300 *				235
240	50.3	451.9	58,300 *	56.3	461.1	53,300 *				240
250	47.3	442.9	58,300 *	53.5	453.9	53,300 *				250
260	44.1	433.0	58,300 *	50.7	446.0	53,300 *				260
270	40.8	421.8	58,300 *	47.7	437.2	53,300 *				270
280	37.2	409.2	55,500 *	44.6	427.4	53,300 *	50.9	437.7	49,100 *	280
290	33.2	394.7	52,500 *	41.2	416.4	53,300 *	47.9	428.9	49,100 *	290
300	28.8	377.7	49,200 *	37.7	404.0	53,300 *	44.8	419.2	49,100 *	300
310	23.6	356.8	45,700 *	33.8	389.8	53,300 *	41.5	408.3	48,700 *	310
320	17.0	329.0	42,100 *	29.4	373.1	50,200 *	37.9	396.0	46,100 *	320
330	3.9	271.4	34,800 *	24.4	352.9	46,400 *	34.0	381.9	43,600 *	330
340				18.0	326.4	42,800 *	29.7	365.5	41,200 *	340
350				7.3	279.6	39,200 *	24.7	345.5	39,000 *	350
360							18.5	319.5	36,800 *	360
370							8.5	275.9	34,700 *	370

16000 MAX-ER

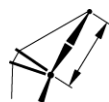
ANSI B30.5



332,000 lb
+
120,000 lb



255.9 ft



275.6 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
105	73.9	529.4	58,600 *							105
110	72.8	527.8	58,400 *							110
115	71.7	526.2	57,500 *							115
120	70.6	524.4	56,500 *							120
125	69.5	522.5	55,300 *							125
130	68.4	520.5	54,100 *							130
135	67.2	518.5	52,900 *	70.2	522.4	56,900 *				135
140	66.1	516.2	51,700 *	69.1	520.5	56,800 *				140
145	64.9	513.9	50,400 *	68.0	518.5	56,600 *				145
150	63.8	511.5	49,100 *	66.9	516.3	56,400 *				150
155	62.6	508.9	47,900 *	65.7	514.1	56,300 *				155
160	61.4	506.1	46,600 *	64.6	511.7	56,100 *	67.6	515.6	54,600 *	160
165	60.2	503.3	45,300 *	63.4	509.2	55,100 *	66.5	513.4	54,600 *	165
170	59.0	500.3	44,000 *	62.2	506.6	54,000 *	65.3	511.1	54,600 *	170
175	57.8	497.2	42,800 *	61.1	503.8	52,800 *	64.2	508.7	54,600 *	175
180	56.6	493.9	41,600 *	59.8	500.9	51,600 *	63.0	506.2	54,600 *	180
185	55.3	490.4	40,400 *	58.6	497.9	50,400 *	61.8	503.5	54,500 *	185
190	54.0	486.8	39,200 *	57.4	494.7	49,200 *	60.6	500.7	54,500 *	190
195	52.7	483.0	38,000 *	56.1	491.3	48,000 *	59.4	497.7	54,400 *	195
200	51.4	479.0	36,900 *	54.9	487.8	46,800 *	58.2	494.7	54,300 *	200
205	50.0	474.9	35,800 *	53.6	484.2	45,600 *	57.0	491.4	54,200 *	205
210	48.6	470.5	34,800 *	52.3	480.3	44,400 *	55.7	488.0	53,600 *	210
215	47.2	465.9	33,800 *	50.9	476.3	43,200 *	54.4	484.5	52,600 *	215
220	45.8	461.0	32,800 *	49.6	472.0	42,100 *	53.1	480.7	51,500 *	220
225	44.3	456.0	31,900 *	48.2	467.6	40,900 *	51.8	476.8	50,300 *	225
230	42.8	450.6	31,000 *	46.8	462.9	39,800 *	50.5	472.7	49,200 *	230
235	41.2	444.9	30,100 *	45.3	458.0	38,700 *	49.1	468.4	48,000 *	235
240	39.6	438.9	29,300 *	43.8	452.8	37,700 *	47.7	463.9	46,900 *	240
250	36.1	425.8	27,800 *	40.7	441.6	35,700 *	44.8	454.1	44,700 *	250
260	32.4	410.9	26,500 *	37.3	429.0	33,900 *	41.7	443.3	42,500 *	260
270	28.2	393.4	25,500 *	33.7	414.7	32,200 *	38.5	431.2	40,400 *	270
280	23.3	372.2	24,600 *	29.7	398.2	30,700 *	35.0	417.5	38,400 *	280
290	17.2	344.3	24,200 *	25.1	378.5	29,500 *	31.1	401.8	36,700 *	290
300	6.6	294.4	24,200 *	19.5	353.4	28,600 *	26.7	383.3	35,100 *	300
310				11.4	315.8	28,200 *	21.5	360.4	33,700 *	310
320							14.6	328.7	32,800 *	320
330										330
340										340
350										350
360										360
370										370
380										380
390										390

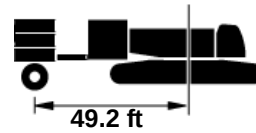


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



255.9 ft



275.6 ft

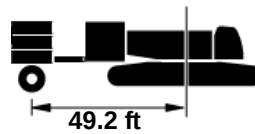
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175										175
180										180
185										185
190										190
195										195
200										200
205	62.3	499.4	50,100 *							205
210	61.1	496.6	50,100 *							210
215	59.9	493.7	50,100 *							215
220	58.7	490.7	50,100 *							220
225	57.4	487.5	50,100 *							225
230	56.2	484.2	50,100 *							230
235	54.9	480.7	50,100 *							235
240	53.6	477.0	50,100 *							240
250	51.0	469.1	50,100 *	56.5	478.1	45,500 *				250
260	48.2	460.5	50,100 *	54.0	471.0	45,500 *				260
270	45.4	450.9	50,100 *	51.3	463.2	45,500 *				270
280	42.3	440.3	50,100 *	48.6	454.7	45,500 *				280
290	39.1	428.5	50,100 *	45.8	445.2	45,500 *	51.5	454.9	41,400 *	290
300	35.6	415.1	48,000 *	42.7	434.8	45,500 *	48.8	446.4	41,400 *	300
310	31.8	399.8	44,300 *	39.5	423.1	45,500 *	45.9	437.0	41,400 *	310
320	27.6	381.9	40,900 *	36.1	410.0	45,500 *	42.9	426.7	41,400 *	320
330	22.6	360.0	37,700 *	32.4	395.0	45,000 *	39.8	415.1	41,200 *	330
340	16.1	330.6	34,600 *	28.2	377.5	41,600 *	36.3	402.1	38,900 *	340
350	2.2	264.4	27,300 *	23.3	356.2	38,300 *	32.6	387.2	36,700 *	350
360				17.1	328.3	35,300 *	28.5	369.9	34,600 *	360
370				6.4	277.9	32,200 *	23.6	348.9	32,600 *	370
380							17.6	321.6	30,700 *	380
390							7.6	274.7	28,800 *	390

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



275.6 ft



78.7 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
55	71.3	358.7	190,900 *d							55
60	67.4	356.7	188,200 *c							60
65	63.3	354.2	182,600 *b							65
70	59.1	351.2	174,200 *b	70.9	357.0	191,600 *d				70
75	54.6	347.7	165,900 *b	66.9	354.9	189,700 *c				75
80	49.9	343.6	158,000 *b	62.8	352.3	187,000 *b				80
85	44.8	338.6	150,600 *	58.6	349.3	183,900 *b				85
90	39.2	332.7	143,800 *	54.1	345.7	175,800 *b	66.4	352.2	189,500 *c	90
95	32.7	325.3	138,000 *	49.3	341.5	167,900 *b	62.3	349.6	187,400 *b	95
100	24.6	315.4	133,600 *	44.2	336.5	160,400 *	58.0	346.5	185,100 *b	100
105	11.4	298.0	132,000 *	38.5	330.4	153,400 *	53.5	342.9	179,500 *b	105
110				31.8	322.8	147,300 *	48.7	338.6	171,400 *b	110
115				23.5	312.4	141,400 *	43.5	333.4	163,300 *	115
120				8.4	292.5	131,500 *	37.6	327.2	155,100 *	120
125							30.8	319.3	147,000 *	125
130							22.1	308.3	138,300 *	130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175										175
180										180
185										185
190										190
195										195
200										200

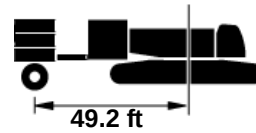


ANSI B30.5

16000 MAX-ER



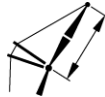
332,000 lb
+
120,000 lb



335,400 lb



275.6 ft

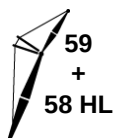


78.7 ft

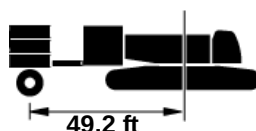
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
55										55
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120	61.0	343.3	184,700 *b							120
125	56.7	340.0	180,400 *b							125
130	52.1	336.2	173,300 *b							130
135	47.2	331.7	165,900 *							135
140	41.8	326.2	158,300 *							140
145	35.8	319.6	150,400 *							145
150	28.6	311.0	142,400 *	54.9	331.0	160,800 b				150
155	18.7	298.5	133,600 *	50.2	327.0	154,600 b				155
160				45.1	322.1	148,800				160
165				39.5	316.2	143,400				165
170				33.0	308.9	138,200				170
175				25.1	299.2	133,400	52.3	319.4	124,300 b	175
180				12.6	282.7	127,700 *	47.4	314.9	120,100 b	180
185							42.1	309.5	116,100	185
190							36.1	302.9	112,400	190
195							28.9	294.4	108,800	195
200							19.3	282.2	105,200	200

16000 MAX-ER

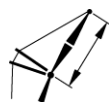
ANSI B30.5



332,000 lb
+
120,000 lb



275.6 ft



98.4 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
60	72.1	377.9	167,500 *c							60
65	69.0	376.0	165,300 *c							65
70	65.8	373.7	159,500 *b							70
75	62.5	371.1	152,600 *b							75
80	59.2	368.2	145,700 *b	68.6	374.2	166,700 *c				80
85	55.6	364.8	139,100 *	65.4	371.9	164,800 *b				85
90	52.0	360.9	132,600 *	62.2	369.3	162,400 *b				90
95	48.1	356.5	126,500 *	58.8	366.2	155,900 *b				95
100	43.9	351.4	120,700 *	55.2	362.8	149,300 *	65.0	369.3	164,800 *b	100
105	39.4	345.5	115,500 *	51.5	358.9	142,900 *	61.7	366.6	163,300 *b	105
110	34.4	338.4	110,900 *	47.6	354.4	136,700 *	58.3	363.5	161,400 *b	110
115	28.6	329.8	107,100 *	43.4	349.2	130,800 *	54.7	360.0	158,100 *	115
120	21.2	318.2	104,400 *	38.9	343.2	125,300 *	51.0	356.0	151,800 *	120
125	8.7	297.3	104,000 *	33.8	336.0	120,300 *	47.1	351.4	145,800 *	125
130				27.8	327.1	116,000 *	42.8	346.2	139,900 *	130
135				20.2	315.0	112,800 *	38.2	340.0	134,200 *	135
140				5.1	289.6	109,500 *	33.0	332.6	128,300 *	140
145							26.9	323.4	122,000 *	145
150							18.9	310.6	115,300 *	150
155										155
160										160
165										165
170										170
175										175
180										180
185										185
190										190
195										195
200										200
205										205
210										210
215										215
220										220

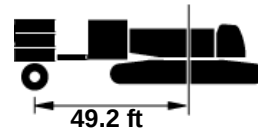


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



275.6 ft

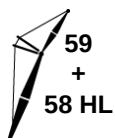


98.4 ft

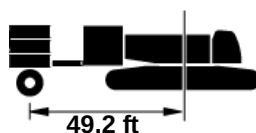
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	ft	lb	ft	
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130	60.7	360.2	160,600 *b							130
135	57.3	357.1	160,000 *b							135
140	53.7	353.4	154,500 *							140
145	49.9	349.3	149,000 *							145
150	45.9	344.5	143,300 *							150
155	41.5	339.0	137,400 *							155
160	36.8	332.5	131,500 *	55.8	348.1	147,500				160
165	31.4	324.7	125,500 *	52.2	344.3	142,100				165
170	24.9	314.7	119,200 *	48.3	339.9	137,100				170
175	15.8	300.0	112,200 *	44.2	334.9	132,400				175
180				39.7	329.0	127,900				180
185				34.7	322.0	123,700				185
190				28.9	313.4	119,700	50.1	332.4	111,100	190
195				21.7	302.1	115,300 *	46.0	327.7	107,600	195
200				9.8	282.4	107,800 *	41.7	322.2	104,300	200
205							37.0	315.8	101,100	205
210							31.6	308.0	98,100	210
215							25.2	298.1	95,100	215
220							16.3	283.8	92,300	220

16000 MAX-ER

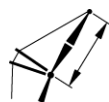
ANSI B30.5



332,000 lb
+
120,000 lb



275.6 ft



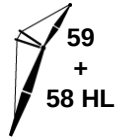
118.1 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
65	72.7	397.0	147,200 *c							65
70	70.1	395.1	145,200 *b							70
75	67.4	393.1	139,800 *b							75
80	64.8	390.7	134,200 *b							80
85	62.0	388.1	128,500 *	69.8	393.4	146,600 *b				85
90	59.2	385.1	123,100 *	67.1	391.3	145,300 *b				90
95	56.3	381.8	117,600 *	64.5	388.9	143,800 *b				95
100	53.3	378.1	112,400 *	61.7	386.2	138,600 *				100
105	50.1	374.0	107,400 *	58.9	383.2	133,300 *	66.8	388.7	144,700 *b	105
110	46.8	369.4	102,600 *	56.0	379.9	127,900 *	64.1	386.2	143,900 *b	110
115	43.3	364.1	98,200 *	52.9	376.1	122,700 *	61.3	383.5	142,700 *	115
120	39.6	358.2	94,200 *	49.8	371.9	117,600 *	58.5	380.5	141,400 *	120
125	35.5	351.4	90,600 *	46.4	367.2	112,600 *	55.6	377.1	136,800 *	125
130	30.9	343.4	87,400 *	42.9	362.0	108,000 *	52.5	373.3	131,700 *	130
135	25.5	333.6	84,900 *	39.1	356.0	103,600 *	49.3	369.0	126,700 *	135
140	18.7	320.5	83,200 *	35.0	349.0	99,600 *	46.0	364.3	121,900 *	140
145	6.2	295.2	83,200 *	30.3	340.8	96,000 *	42.4	358.9	117,100 *	145
150				24.8	330.7	93,100 *	38.6	352.8	112,600 *	150
155				17.8	317.0	90,900 *	34.4	345.7	108,300 *	155
160							29.6	337.3	104,500 *	160
165							24.0	326.8	101,100 *	165
170							16.6	312.4	97,100 *	170
175										175
180										180
185										185
190										190
195										195
200										200
205										205
210										210
215										215
220										220
225										225
230										230
235										235
240										240

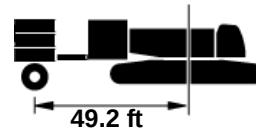


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



275.6 ft



118.1 ft

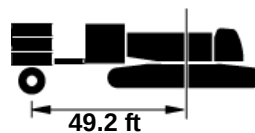
	75°			70°			65°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140	60.5	377.2	139,900 *							140
145	57.6	374.0	139,700 *							145
150	54.7	370.5	137,900 *							150
155	51.6	366.6	133,600 *							155
160	48.4	362.2	129,200 *							160
165	45.0	357.3	124,600 *							165
170	41.3	351.7	120,100 *	56.5	365.1	134,200 *				170
175	37.4	345.3	115,500 *	53.4	361.5	130,500				175
180	33.1	337.9	110,800 *	50.3	357.4	126,100				180
185	28.1	329.0	105,900 *	47.0	352.8	121,900				185
190	22.1	317.7	100,800 *	43.5	347.6	118,000				190
195	13.6	301.0	95,000 *	39.8	341.7	114,300				195
200				35.7	335.0	110,800	51.7	349.8	102,300	200
205				31.2	327.0	107,400	48.5	345.4	99,200	205
210				25.9	317.3	103,200 *	45.1	340.5	96,200	210
215				19.2	304.5	97,900 *	41.5	335.0	93,400	215
220				7.6	281.1	91,600 *	37.6	328.6	90,700	220
225							33.3	321.2	88,100	225
230							28.3	312.4	85,700	230
235							22.4	301.3	83,300	235
240							14.1	284.9	80,900	240

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



275.6 ft



137.8 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
70	73.0	416.0	129,300 *b							70
75	70.8	414.3	127,500 *b							75
80	68.6	412.3	123,200 *b							80
85	66.3	410.1	118,800 *							85
90	64.0	407.7	114,200 *	70.6	412.5	128,600 *b				90
95	61.7	405.0	109,700 *	68.3	410.5	127,900 *b				95
100	59.2	402.1	105,200 *	66.1	408.3	126,800 *				100
105	56.8	398.8	100,800 *	63.8	405.9	123,600 *				105
110	54.2	395.2	96,500 *	61.4	403.2	119,400 *				110
115	51.6	391.3	92,400 *	59.0	400.2	115,100 *	65.8	405.7	126,300 *	115
120	48.8	387.0	88,500 *	56.5	396.9	110,700 *	63.4	403.2	125,700 *	120
125	45.9	382.2	84,900 *	53.9	393.3	106,500 *	61.1	400.5	124,900 *	125
130	42.9	376.9	81,400 *	51.3	389.3	102,300 *	58.6	397.5	123,300 *	130
135	39.7	371.0	78,300 *	48.5	384.9	98,200 *	56.1	394.1	119,400 *	135
140	36.2	364.3	75,400 *	45.6	380.1	94,300 *	53.6	390.5	115,300 *	140
145	32.4	356.7	72,800 *	42.5	374.7	90,600 *	50.9	386.4	111,200 *	145
150	28.2	347.8	70,600 *	39.3	368.7	87,100 *	48.1	382.0	107,200 *	150
155	23.2	336.9	68,900 *	35.8	362.0	83,900 *	45.2	377.1	103,300 *	155
160	16.8	322.2	67,900 *	32.0	354.2	81,000 *	42.1	371.6	99,400 *	160
165	3.5	290.9	67,900 *	27.6	345.1	78,400 *	38.8	365.6	95,800 *	165
170				22.5	333.9	76,200 *	35.3	358.7	92,300 *	170
175				15.8	318.6	74,800 *	31.4	350.8	89,100 *	175
180							27.0	341.4	86,200 *	180
185							21.8	329.8	83,700 *	185
190							14.7	313.6	82,000 *	190
195										195
200										200
205										205
210										210
215										215
220										220
225										225
230										230
235										235
240										240
250										250
260										260

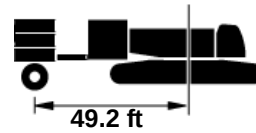


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



275.6 ft

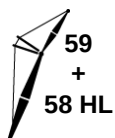


137.8 ft

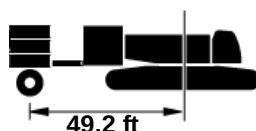
	75°			70°			65°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145	62.7	397.0	121,600 *							145
150	60.4	394.1	121,600 *							150
155	57.9	391.0	121,600 *							155
160	55.4	387.6	121,600 *							160
165	52.8	383.8	119,300 *							165
170	50.1	379.7	115,800 *							170
175	47.3	375.1	112,200 *							175
180	44.3	370.1	108,600 *	56.9	382.2	116,100 *				180
185	41.2	364.5	104,900 *	54.3	378.6	116,100 *				185
190	37.8	358.2	101,300 *	51.7	374.7	115,700 *				190
195	34.2	351.0	97,500 *	49.0	370.4	112,700 *				195
200	30.2	342.7	93,700 *	46.1	365.6	109,400				200
205	25.6	332.8	89,700 *	43.1	360.4	106,100				205
210	20.0	320.3	85,400 *	39.9	354.5	102,700 *	52.9	367.0	94,700	210
215	11.8	301.4	80,600 *	36.4	347.9	99,300 *	50.2	362.9	91,900	215
220				32.6	340.3	95,600 *	47.4	358.3	89,300	220
225				28.4	331.5	91,800 *	44.4	353.3	86,800	225
230				23.5	320.7	87,700 *	41.3	347.7	84,300	230
235				17.2	306.3	83,300 *	38.0	341.4	82,000	235
240				5.4	278.6	77,900 *	34.4	334.3	79,800	240
250							25.8	316.3	75,600	250
260							12.3	285.5	71,600	260

16000 MAX-ER

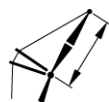
ANSI B30.5



332,000 lb
+
120,000 lb



275.6 ft



157.5 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
75	73.3	435.1	114,000 *b							75
80	71.4	433.4	112,200 *b							80
85	69.5	431.5	108,800 *							85
90	67.5	429.5	105,200 *							90
95	65.5	427.2	101,500 *							95
100	63.5	424.7	97,800 *	69.2	429.8	112,900 *				100
105	61.4	422.0	94,100 *	67.3	427.7	112,300 *				105
110	59.3	419.0	90,400 *	65.3	425.4	110,200 *				110
115	57.1	415.8	86,800 *	63.2	422.9	106,900 *				115
120	54.9	412.3	83,300 *	61.1	420.1	103,400 *	67.0	425.1	111,100 *	120
125	52.6	408.5	79,900 *	59.0	417.1	99,900 *	65.0	422.8	110,900 *	125
130	50.2	404.4	76,700 *	56.9	413.9	96,300 *	62.9	420.2	110,500 *	130
135	47.8	399.9	73,700 *	54.6	410.4	92,800 *	60.9	417.4	109,900 *	135
140	45.3	395.0	70,800 *	52.3	406.5	89,400 *	58.7	414.4	107,800 *	140
145	42.6	389.7	68,100 *	50.0	402.4	86,000 *	56.6	411.1	104,600 *	145
150	39.8	383.7	65,600 *	47.5	397.8	82,700 *	54.3	407.6	101,300 *	150
155	36.8	377.2	63,300 *	45.0	392.9	79,600 *	52.0	403.7	97,900 *	155
160	33.5	369.8	61,200 *	42.3	387.5	76,600 *	49.6	399.5	94,600 *	160
165	30.0	361.5	59,400 *	39.4	381.5	73,800 *	47.2	394.9	91,300 *	165
170	26.0	351.7	57,800 *	36.4	374.9	71,200 *	44.6	389.9	88,100 *	170
175	21.3	339.7	56,700 *	33.1	367.4	68,800 *	41.9	384.4	85,000 *	175
180	15.1	323.6	56,100 *	29.6	358.9	66,600 *	39.0	378.3	82,000 *	180
185				25.5	348.9	64,700 *	36.0	371.6	79,200 *	185
190				20.7	336.6	63,200 *	32.7	364.0	76,500 *	190
195				14.3	319.7	62,300 *	29.0	355.3	74,100 *	195
200							24.9	345.1	71,900 *	200
205							19.9	332.4	70,100 *	205
210							13.1	314.4	68,800 *	210
215										215
220										220
225										225
230										230
235										235
240										240
250										250
260										260
270										270
280										280

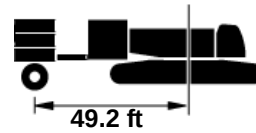


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



275.6 ft

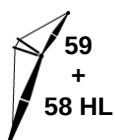


157.5 ft

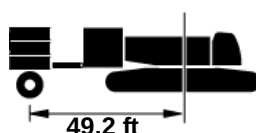
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155	62.3	413.9	106,200 *							155
160	60.2	411.1	106,200 *							160
165	58.1	408.0	106,200 *							165
170	55.9	404.6	106,200 *							170
175	53.7	401.0	106,200 *							175
180	51.3	397.0	104,600 *							180
185	48.9	392.7	101,700 *							185
190	46.4	388.0	98,800 *	57.2	399.1	100,600 *				190
195	43.8	382.9	95,800 *	55.0	395.7	100,600 *				195
200	41.1	377.2	92,800 *	52.7	391.9	100,600 *				200
205	38.2	371.0	89,800 *	50.4	387.8	100,600 *				205
210	35.1	364.0	86,700 *	47.9	383.3	99,300 *				210
215	31.7	356.1	83,600 *	45.4	378.5	96,700 *				215
220	27.9	347.0	80,400 *	42.7	373.1	94,000 *				220
225	23.6	336.2	77,000 *	39.9	367.2	91,200 *	51.4	380.2	84,800	225
230	18.2	322.4	73,400 *	36.9	360.7	88,200 *	49.0	375.9	82,400	230
235	10.3	301.3	69,200 *	33.7	353.4	85,300 *	46.5	371.2	80,100	235
240				30.2	345.1	82,200 *	43.9	366.1	77,900	240
250				21.6	323.6	75,500 *	38.3	354.2	73,800	250
260				2.8	273.2	66,900 *	31.8	339.5	70,000	260
270							23.8	319.7	66,400	270
280							10.8	285.5	63,000	280

16000 MAX-ER

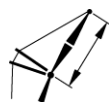
ANSI B30.5



332,000 lb
+
120,000 lb



275.6 ft



177.2 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
80	73.5	454.2	100,900 *							80
85	71.8	452.5	99,100 *							85
90	70.1	450.7	96,400 *							90
95	68.4	448.7	93,500 *							95
100	66.6	446.6	90,500 *							100
105	64.8	444.2	87,400 *	69.9	449.0	99,800 *				105
110	63.0	441.7	84,400 *	68.2	447.0	99,400 *				110
115	61.2	439.0	81,300 *	66.4	444.8	98,500 *				115
120	59.3	436.0	78,300 *	64.6	442.4	95,900 *				120
125	57.4	432.8	75,400 *	62.8	439.8	93,000 *	67.9	444.4	97,800 *	125
130	55.4	429.4	72,500 *	61.0	437.1	90,200 *	66.2	442.2	97,800 *	130
135	53.4	425.7	69,700 *	59.1	434.1	87,300 *	64.4	439.8	97,600 *	135
140	51.3	421.7	67,100 *	57.2	430.9	84,400 *	62.6	437.2	97,400 *	140
145	49.2	417.4	64,500 *	55.2	427.4	81,500 *	60.7	434.4	97,000 *	145
150	47.0	412.8	62,100 *	53.2	423.7	78,600 *	58.8	431.4	94,900 *	150
155	44.7	407.8	59,800 *	51.1	419.7	75,800 *	56.9	428.1	92,200 *	155
160	42.3	402.4	57,700 *	49.0	415.4	73,100 *	54.9	424.6	89,500 *	160
165	39.8	396.5	55,700 *	46.8	410.7	70,500 *	52.9	420.9	86,800 *	165
170	37.2	390.0	53,800 *	44.5	405.7	68,000 *	50.8	416.8	84,000 *	170
175	34.4	382.9	52,100 *	42.1	400.2	65,600 *	48.7	412.5	81,300 *	175
180	31.3	374.9	50,600 *	39.5	394.2	63,300 *	46.5	407.8	78,600 *	180
185	28.0	365.8	49,300 *	36.9	387.7	61,200 *	44.1	402.7	76,000 *	185
190	24.2	355.2	48,200 *	34.0	380.5	59,200 *	41.7	397.1	73,400 *	190
195	19.7	342.2	47,400 *	31.0	372.4	57,400 *	39.2	391.1	71,000 *	195
200	13.8	324.6	47,100 *	27.6	363.1	55,700 *	36.5	384.5	68,700 *	200
205				23.7	352.3	54,400 *	33.6	377.1	66,500 *	205
210				19.1	339.0	53,300 *	30.5	368.9	64,400 *	210
215				12.9	320.5	52,700 *	27.1	359.5	62,500 *	215
220							23.1	348.4	60,900 *	220
225							18.4	334.6	59,500 *	225
230							11.8	314.9	58,600 *	230
235										235
240										240
250										250
260										260
270										270
280										280
290										290
300										300

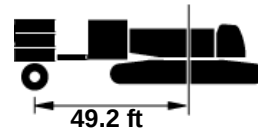


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



275.6 ft



177.2 ft

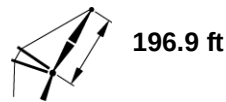
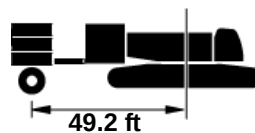
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165	62.0	430.9	92,900 *							165
170	60.2	428.0	92,900 *							170
175	58.3	425.0	92,900 *							175
180	56.3	421.6	92,900 *							180
185	54.3	418.1	92,900 *							185
190	52.3	414.2	92,900 *							190
195	50.2	410.1	92,500 *							195
200	48.0	405.6	90,100 *	57.5	416.1	87,200 *				200
205	45.8	400.8	87,600 *	55.5	412.7	87,200 *				205
210	43.5	395.6	85,100 *	53.5	409.0	87,200 *				210
215	41.0	390.0	82,600 *	51.5	405.1	87,200 *				215
220	38.4	383.7	80,100 *	49.3	400.8	87,200 *				220
225	35.7	376.9	77,600 *	47.1	396.2	87,200 *				225
230	32.8	369.3	74,900 *	44.9	391.3	86,000 *				230
235	29.6	360.8	72,300 *	42.5	385.9	83,700 *	52.4	397.4	78,600	235
240	26.0	350.9	69,500 *	40.0	380.0	81,400 *	50.3	393.3	76,400	240
250	16.7	324.2	63,500 *	34.5	366.4	76,500 *	45.9	384.0	72,300	250
260				28.2	349.5	71,300 *	41.1	373.2	68,600	260
270				19.9	326.1	65,500 *	35.8	360.2	65,100	270
280							29.7	344.2	61,900	280
290							22.0	322.7	58,800	290
300							9.4	285.2	55,800	300

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

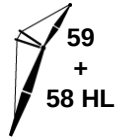


	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
85	73.7	473.2	89,200 *							85
90	72.2	471.6	87,500 *							90
95	70.6	469.9	85,300 *							95
100	69.1	468.0	83,000 *							100
105	67.5	465.9	80,500 *							105
110	65.9	463.6	78,000 *	70.5	468.1	88,000 *				110
115	64.3	461.2	75,600 *	68.9	466.2	87,700 *				115
120	62.7	458.7	73,000 *	67.3	464.1	87,400 *				120
125	61.0	455.9	70,500 *	65.7	461.8	85,700 *				125
130	59.3	453.0	68,100 *	64.1	459.4	83,500 *				130
135	57.6	449.8	65,700 *	62.5	456.8	81,200 *	67.1	461.5	85,800 *	135
140	55.8	446.4	63,300 *	60.8	454.0	78,800 *	65.5	459.2	85,800 *	140
145	54.0	442.8	61,000 *	59.1	451.0	76,400 *	63.9	456.8	85,700 *	145
150	52.2	439.0	58,800 *	57.4	447.9	74,100 *	62.3	454.1	85,500 *	150
155	50.3	434.8	56,700 *	55.6	444.5	71,700 *	60.6	451.3	85,300 *	155
160	48.4	430.4	54,600 *	53.8	440.8	69,300 *	58.9	448.3	83,500 *	160
165	46.4	425.7	52,700 *	52.0	436.9	67,000 *	57.2	445.1	81,400 *	165
170	44.3	420.6	50,900 *	50.1	432.8	64,700 *	55.4	441.7	79,200 *	170
175	42.1	415.2	49,200 *	48.1	428.4	62,500 *	53.6	438.0	76,900 *	175
180	39.9	409.3	47,500 *	46.1	423.6	60,400 *	51.7	434.1	74,600 *	180
185	37.5	402.9	46,000 *	44.1	418.5	58,400 *	49.8	429.9	72,400 *	185
190	35.0	395.8	44,700 *	41.9	413.0	56,400 *	47.9	425.4	70,200 *	190
195	32.3	388.1	43,400 *	39.6	407.0	54,600 *	45.9	420.6	68,000 *	195
200	29.4	379.5	42,300 *	37.2	400.5	52,800 *	43.8	415.5	65,800 *	200
205	26.3	369.7	41,300 *	34.7	393.5	51,200 *	41.6	409.9	63,700 *	205
210	22.6	358.3	40,500 *	32.0	385.6	49,700 *	39.3	403.9	61,700 *	210
215	18.3	344.4	40,000 *	29.1	376.9	48,300 *	36.9	397.3	59,800 *	215
220	12.6	325.3	39,900 *	25.9	367.0	47,100 *	34.4	390.1	58,000 *	220
225				22.2	355.4	46,100 *	31.6	382.2	56,300 *	225
230				17.8	341.0	45,300 *	28.7	373.4	54,700 *	230
235				11.7	320.9	45,000 *	25.4	363.2	53,200 *	235
240							21.6	351.3	52,000 *	240
250							10.6	315.0	50,400 *	250
260										260
270										270
280										280
290										290
300										300
310										310
320										320

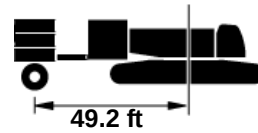


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



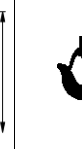
335,400 lb



275.6 ft

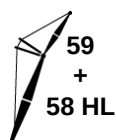


196.9 ft

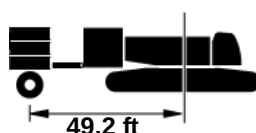
	75°			70°			65°			
										
	ft	o	ft	lb	ft	lb	ft	lb	ft	lb
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175	61.8	447.9	81,000 *							175
180	60.1	445.0	81,000 *							180
185	58.4	441.9	81,000 *							185
190	56.6	438.7	81,000 *							190
195	54.9	435.2	81,000 *							195
200	53.1	431.4	81,000 *							200
205	51.2	427.4	81,000 *							205
210	49.3	423.1	81,000 *	57.7	433.1	75,200 *				210
215	47.3	418.6	79,700 *	55.9	429.7	75,200 *				215
220	45.3	413.7	77,600 *	54.1	426.2	75,200 *				220
225	43.1	408.4	75,500 *	52.3	422.3	75,200 *				225
230	40.9	402.7	73,400 *	50.4	418.2	75,200 *				230
235	38.6	396.5	71,200 *	48.5	413.8	75,200 *				235
240	36.2	389.8	69,100 *	46.5	409.1	75,200 *				240
250	30.8	374.3	64,600 *	42.3	398.6	74,400 *	51.3	410.6	70,400	250
260	24.4	354.5	59,900 *	37.7	386.4	70,400 *	47.4	401.8	66,700	260
270	15.5	325.7	54,600 *	32.5	371.7	66,200 *	43.2	391.6	63,300	270
280				26.4	353.5	61,600 *	38.7	379.8	60,100	280
290				18.6	328.4	56,500 *	33.7	365.7	57,100	290
300							27.9	348.5	54,200 *	300
310							20.6	325.5	51,300 *	310
320							8.2	284.3	48,500 *	320

16000 MAX-ER

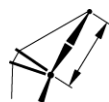
ANSI B30.5



332,000 lb
+
120,000 lb



275.6 ft



216.5 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
90	73.9	492.3	78,700 *							90
95	72.5	490.7	77,300 *							95
100	71.1	489.0	75,500 *							100
105	69.7	487.1	73,700 *							105
110	68.2	485.1	71,700 *							110
115	66.8	483.0	69,600 *	70.9	487.2	77,400 *				115
120	65.3	480.7	67,600 *	69.5	485.4	77,300 *				120
125	63.9	478.2	65,500 *	68.1	483.4	77,100 *				125
130	62.4	475.6	63,500 *	66.6	481.2	76,400 *				130
135	60.9	472.9	61,400 *	65.2	478.9	74,700 *				135
140	59.3	469.9	59,400 *	63.7	476.4	72,900 *	67.9	480.8	75,100 *	140
145	57.8	466.8	57,400 *	62.2	473.8	71,000 *	66.4	478.6	75,100 *	145
150	56.2	463.4	55,500 *	60.7	471.0	69,100 *	65.0	476.3	75,100 *	150
155	54.6	459.9	53,600 *	59.1	468.0	67,100 *	63.5	473.8	75,100 *	155
160	52.9	456.1	51,700 *	57.6	464.9	65,200 *	62.0	471.1	75,100 *	160
165	51.2	452.1	50,000 *	56.0	461.5	63,200 *	60.5	468.3	74,900 *	165
170	49.5	447.9	48,300 *	54.4	457.9	61,300 *	58.9	465.3	73,600 *	170
175	47.7	443.4	46,700 *	52.7	454.1	59,300 *	57.4	462.1	71,800 *	175
180	45.8	438.5	45,100 *	51.0	450.1	57,500 *	55.8	458.7	70,100 *	180
185	44.0	433.4	43,600 *	49.3	445.8	55,600 *	54.1	455.1	68,200 *	185
190	42.0	427.9	42,200 *	47.5	441.3	53,900 *	52.5	451.3	66,400 *	190
195	39.9	422.0	40,900 *	45.6	436.4	52,100 *	50.8	447.2	64,500 *	195
200	37.8	415.6	39,700 *	43.7	431.2	50,500 *	49.0	442.9	62,700 *	200
205	35.5	408.8	38,600 *	41.8	425.7	48,900 *	47.2	438.3	60,900 *	205
210	33.2	401.3	37,500 *	39.7	419.8	47,400 *	45.4	433.5	59,100 *	210
215	30.6	393.0	36,600 *	37.5	413.3	46,000 *	43.5	428.2	57,400 *	215
220	27.8	383.8	35,800 *	35.3	406.4	44,600 *	41.5	422.6	55,700 *	220
225	24.8	373.4	35,100 *	32.9	398.8	43,400 *	39.4	416.6	54,000 *	225
230	21.3	361.2	34,500 *	30.3	390.5	42,200 *	37.2	410.1	52,400 *	230
235	17.1	346.3	34,200 *	27.5	381.1	41,200 *	35.0	403.1	50,900 *	235
240	11.5	325.7	34,200 *	24.4	370.5	40,300 *	32.5	395.4	49,500 *	240
250				16.6	342.8	39,000 *	27.1	377.5	46,900 *	250
260							20.3	354.0	44,900 *	260
270							9.6	314.7	43,800 *	270
280										280
290										290
300										300
310										310
320										320
330										330
340										340

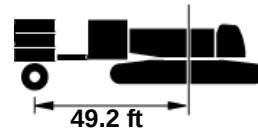


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



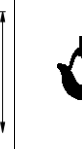
335,400 lb



275.6 ft

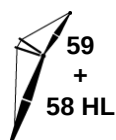


216.5 ft

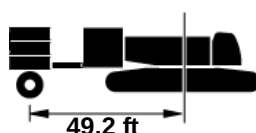
	75°			70°			65°			
										
ft	ft	ft	lb	ft	lb	ft	lb	ft	lb	ft
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175										175
180										180
185	61.6	464.8	70,700 *							185
190	60.0	462.0	70,700 *							190
195	58.5	458.9	70,700 *							195
200	56.9	455.7	70,700 *							200
205	55.3	452.2	70,700 *							205
210	53.7	448.5	70,700 *							210
215	52.0	444.7	70,700 *							215
220	50.3	440.5	70,700 *	57.9	450.1	65,200 *				220
225	48.5	436.1	70,700 *	56.3	446.8	65,200 *				225
230	46.7	431.5	70,400 *	54.6	443.2	65,200 *				230
235	44.8	426.5	68,700 *	53.0	439.5	65,200 *				235
240	42.9	421.1	66,900 *	51.3	435.5	65,200 *				240
250	38.8	409.3	63,200 *	47.8	426.8	65,200 *				250
260	34.3	395.5	59,500 *	44.1	416.9	65,200 *	52.1	427.8	60,900 *	260
270	29.1	378.8	55,600 *	40.1	405.5	64,400 *	48.6	419.3	60,900 *	270
280	23.0	357.7	51,500 *	35.7	392.3	60,800 *	44.9	409.7	57,900 *	280
290	14.4	326.9	46,800 *	30.7	376.6	57,100 *	41.0	398.7	54,800 *	290
300				25.0	357.1	53,100 *	36.7	385.9	51,900 *	300
310				17.4	330.4	48,600 *	31.9	370.9	49,100 *	310
320							26.4	352.4	46,500 *	320
330							19.3	327.9	44,000 *	330
340							7.1	282.9	41,500 *	340

16000 MAX-ER

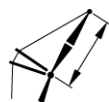
ANSI B30.5



332,000 lb
+
120,000 lb



275.6 ft



236.2 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
95	74.0	511.3	68,700 *							95
100	72.7	509.8	68,000 *							100
105	71.4	508.1	66,600 *							105
110	70.1	506.3	65,000 *							110
115	68.8	504.4	63,500 *							115
120	67.5	502.3	61,900 *							120
125	66.2	500.1	60,300 *	70.0	504.5	67,400 *				125
130	64.9	497.7	58,600 *	68.7	502.6	67,200 *				130
135	63.5	495.2	56,900 *	67.4	500.5	67,000 *				135
140	62.1	492.6	55,300 *	66.0	498.3	66,400 *				140
145	60.7	489.8	53,600 *	64.7	495.9	65,000 *				145
150	59.3	486.9	51,900 *	63.4	493.4	63,500 *	67.2	497.9	65,300 *	150
155	57.9	483.7	50,300 *	62.0	490.7	62,000 *	65.9	495.7	65,300 *	155
160	56.5	480.4	48,700 *	60.6	487.9	60,500 *	64.5	493.3	65,300 *	160
165	55.0	477.0	47,200 *	59.2	485.0	58,900 *	63.2	490.8	65,300 *	165
170	53.5	473.3	45,700 *	57.7	481.8	57,300 *	61.8	488.1	65,200 *	170
175	51.9	469.4	44,200 *	56.3	478.5	55,800 *	60.4	485.2	65,100 *	175
180	50.4	465.2	42,800 *	54.8	475.0	54,200 *	59.0	482.3	64,600 *	180
185	48.8	460.9	41,400 *	53.3	471.3	52,600 *	57.5	479.1	63,300 *	185
190	47.1	456.3	40,100 *	51.8	467.4	51,100 *	56.1	475.7	61,800 *	190
195	45.4	451.4	38,800 *	50.2	463.2	49,500 *	54.6	472.2	60,400 *	195
200	43.7	446.2	37,600 *	48.6	458.8	48,100 *	53.1	468.5	58,900 *	200
205	41.8	440.7	36,500 *	46.9	454.2	46,600 *	51.5	464.5	57,400 *	205
210	40.0	434.8	35,400 *	45.2	449.3	45,200 *	50.0	460.3	55,900 *	210
215	38.0	428.4	34,400 *	43.5	444.0	43,900 *	48.3	455.9	54,500 *	215
220	36.0	421.6	33,500 *	41.6	438.5	42,600 *	46.7	451.2	53,000 *	220
225	33.8	414.3	32,600 *	39.8	432.5	41,400 *	45.0	446.3	51,600 *	225
230	31.5	406.3	31,800 *	37.8	426.1	40,200 *	43.2	441.0	50,100 *	230
235	29.1	397.6	31,100 *	35.7	419.3	39,100 *	41.4	435.4	48,700 *	235
240	26.4	387.8	30,500 *	33.6	411.9	38,000 *	39.5	429.4	47,400 *	240
250	20.1	363.8	29,600 *	28.8	394.9	36,200 *	35.4	416.0	44,900 *	250
260	10.6	325.7	29,400 *	23.1	373.8	34,700 *	30.9	400.4	42,600 *	260
270				15.6	344.3	33,800 *	25.7	381.3	40,600 *	270
280							19.2	356.4	39,000 *	280
290							8.6	314.0	36,700 *	290
300										300
310										310
320										320
330										330
340										340
350										350
360										360

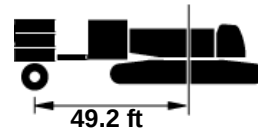


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



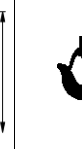
335,400 lb



275.6 ft



236.2 ft

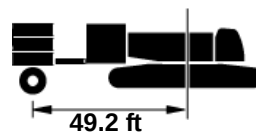
	75°			70°			65°			
										
	ft	o	ft	lb	ft	lb	ft	lb	ft	lb
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175										175
180										180
185										185
190	62.8	484.5		61,000 *						190
195	61.4	481.8		61,000 *						195
200	60.0	478.9		61,000 *						200
205	58.6	475.9		61,000 *						205
210	57.1	472.6		61,000 *						210
215	55.7	469.2		61,000 *						215
220	54.2	465.6		61,000 *						220
225	52.6	461.9		61,000 *						225
230	51.1	457.8		61,000 *	58.0	467.1	56,300 *			230
235	49.5	453.6		61,000 *	56.5	463.8	56,300 *			235
240	47.9	449.1		61,000 *	55.1	460.3	56,300 *			240
250	44.5	439.3		59,700 *	52.0	452.7	56,300 *			250
260	40.8	428.2		56,600 *	48.8	444.3	56,300 *			260
270	36.9	415.5		53,500 *	45.5	434.8	56,300 *	52.7	445.0	52,100 *
280	32.6	400.7		50,300 *	41.9	424.1	56,300 *	49.6	436.8	52,100 *
290	27.7	383.1		46,900 *	38.1	412.0	54,600 *	46.3	427.5	52,100 *
300	21.7	360.7		43,300 *	33.9	397.9	51,500 *	42.8	417.1	49,500 *
310	13.4	327.9		39,100 *	29.2	381.2	48,200 *	39.0	405.3	46,800 *
320					23.6	360.5	44,700 *	34.9	391.7	44,300 *
330					16.3	332.1	40,800 *	30.3	375.7	41,900 *
340								25.0	356.1	39,600 *
350								18.2	330.0	37,400 *
360								6.0	280.9	35,200 *

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



275.6 ft



255.9 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
105	72.9	528.8	60,000 *							105
110	71.7	527.2	58,900 *							110
115	70.5	525.4	57,600 *							115
120	69.3	523.5	56,300 *							120
125	68.1	521.5	55,000 *							125
130	66.9	519.4	53,700 *	70.4	523.7	59,200 *				130
135	65.7	517.2	52,300 *	69.2	521.8	59,100 *				135
140	64.5	514.8	50,900 *	68.0	519.7	59,000 *				140
145	63.2	512.2	49,600 *	66.8	517.6	58,800 *				145
150	61.9	509.6	48,200 *	65.6	515.3	58,000 *				150
155	60.6	506.8	46,800 *	64.3	512.9	56,800 *	67.8	517.2	57,200 *	155
160	59.3	503.8	45,400 *	63.1	510.4	55,600 *	66.6	515.0	57,200 *	160
165	58.0	500.7	44,100 *	61.8	507.7	54,400 *	65.4	512.7	57,200 *	165
170	56.7	497.4	42,700 *	60.5	504.9	53,100 *	64.1	510.3	57,200 *	170
175	55.3	494.0	41,400 *	59.2	501.9	51,800 *	62.9	507.7	57,200 *	175
180	54.0	490.4	40,200 *	57.9	498.8	50,500 *	61.6	505.0	57,200 *	180
185	52.5	486.5	38,900 *	56.5	495.5	49,100 *	60.3	502.2	57,100 *	185
190	51.1	482.5	37,700 *	55.2	492.0	47,900 *	59.0	499.2	57,000 *	190
195	49.6	478.3	36,600 *	53.8	488.4	46,600 *	57.7	496.1	55,900 *	195
200	48.1	473.9	35,500 *	52.4	484.6	45,300 *	56.4	492.7	54,700 *	200
205	46.6	469.2	34,400 *	50.9	480.5	44,000 *	55.0	489.3	53,500 *	205
210	45.0	464.2	33,400 *	49.5	476.3	42,800 *	53.6	485.6	52,300 *	210
215	43.4	459.0	32,400 *	48.0	471.8	41,600 *	52.2	481.7	51,100 *	215
220	41.7	453.4	31,500 *	46.4	467.1	40,400 *	50.7	477.7	49,900 *	220
225	40.0	447.5	30,600 *	44.8	462.1	39,200 *	49.3	473.4	48,600 *	225
230	38.2	441.2	29,800 *	43.2	456.8	38,100 *	47.8	468.9	47,400 *	230
235	36.3	434.5	29,000 *	41.5	451.2	37,100 *	46.2	464.1	46,200 *	235
240	34.4	427.3	28,300 *	39.8	445.3	36,100 *	44.6	459.1	45,000 *	240
250	30.1	411.1	27,100 *	36.1	432.2	34,200 *	41.3	448.1	42,700 *	250
260	25.2	391.5	26,100 *	32.1	417.1	32,500 *	37.7	435.7	40,600 *	260
270	19.1	366.2	25,500 *	27.5	399.1	31,100 *	33.9	421.6	38,500 *	270
280	9.7	325.5	25,400 *	22.0	376.8	30,000 *	29.5	405.0	36,700 *	280
290				14.6	345.6	29,400 *	24.5	384.9	35,200 *	290
300							18.2	358.5	34,000 *	300
310							7.7	312.9	31,100 *	310
320										320
330										330
340										340
350										350
360										360
370										370
380										380



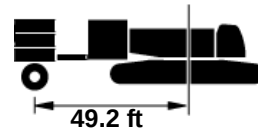
ANSI B30.5

16000 MAX-ER

332,000 lb
+
120,000 lb



360°



49.2 ft



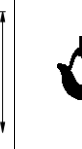
335,400 lb



275.6 ft

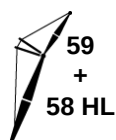


255.9 ft

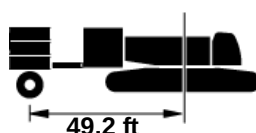
	75°			70°			65°			
 ft	 o	 ft	 lb	 o	 ft	 lb	 o	 ft	 lb	 ft
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175										175
180										180
185										185
190										190
195										195
200	62.5	501.5	53,100 *							200
205	61.2	498.7	53,100 *							205
210	59.9	495.9	53,100 *							210
215	58.6	492.8	53,100 *							215
220	57.3	489.6	53,100 *							220
225	56.0	486.3	53,100 *							225
230	54.6	482.7	53,100 *							230
235	53.2	479.0	53,100 *							235
240	51.8	475.1	53,100 *							240
250	48.8	466.6	53,100 *	55.4	477.3	49,100 *				250
260	45.8	457.2	53,100 *	52.6	469.9	49,100 *				260
270	42.5	446.7	51,700 *	49.7	461.7	49,100 *				270
280	39.0	434.8	49,000 *	46.7	452.6	49,100 *				280
290	35.3	421.4	46,300 *	43.5	442.4	49,100 *	50.4	454.1	45,200 *	290
300	31.1	405.7	43,400 *	40.1	431.0	49,100 *	47.4	445.2	45,200 *	300
310	26.4	387.1	40,400 *	36.4	418.0	47,300 *	44.2	435.3	44,800 *	310
320	20.6	363.4	37,100 *	32.4	403.1	44,600 *	40.9	424.2	42,300 *	320
330	12.5	328.5	33,400 *	27.9	385.5	41,700 *	37.3	411.6	40,000 *	330
340				22.5	363.7	38,500 *	33.4	397.2	37,700 *	340
350				15.4	333.5	35,000 *	28.9	380.2	35,600 *	350
360							23.8	359.5	33,600 *	360
370							17.2	332.0	31,600 *	370
380							4.9	278.0	29,600 *	380

16000 MAX-ER

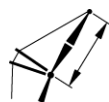
ANSI B30.5



332,000 lb
+
120,000 lb



275.6 ft



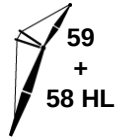
275.6 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
110	73.1	547.9	52,700 *							110
115	72.0	546.3	51,700 *							115
120	70.9	544.5	50,700 *							120
125	69.8	542.7	49,700 *							125
130	68.7	540.7	48,600 *							130
135	67.5	538.7	47,600 *	70.8	542.8	51,700 *				135
140	66.4	536.5	46,400 *	69.7	540.9	51,600 *				140
145	65.3	534.2	45,300 *	68.5	539.0	51,500 *				145
150	64.1	531.8	44,100 *	67.4	536.9	51,400 *				150
155	62.9	529.2	43,000 *	66.3	534.7	51,200 *				155
160	61.8	526.5	41,800 *	65.1	532.4	50,400 *				160
165	60.6	523.7	40,700 *	64.0	529.9	49,500 *	67.3	534.3	49,800 *	165
170	59.4	520.8	39,600 *	62.8	527.4	48,500 *	66.1	532.1	49,800 *	170
175	58.1	517.7	38,400 *	61.6	524.7	47,400 *	65.0	529.8	49,800 *	175
180	56.9	514.4	37,300 *	60.4	521.8	46,400 *	63.8	527.3	49,700 *	180
185	55.6	511.0	36,300 *	59.2	518.9	45,300 *	62.6	524.7	49,700 *	185
190	54.4	507.5	35,200 *	58.0	515.8	44,300 *	61.5	522.0	49,600 *	190
195	53.1	503.7	34,200 *	56.8	512.5	43,200 *	60.3	519.2	49,500 *	195
200	51.7	499.8	33,200 *	55.5	509.1	42,100 *	59.1	516.2	49,400 *	200
205	50.4	495.7	32,200 *	54.2	505.5	41,000 *	57.8	513.0	49,000 *	205
210	49.0	491.3	31,300 *	52.9	501.7	40,000 *	56.6	509.7	48,100 *	210
215	47.6	486.8	30,400 *	51.6	497.8	38,900 *	55.3	506.3	47,100 *	215
220	46.2	482.0	29,500 *	50.2	493.6	37,900 *	54.0	502.7	46,200 *	220
225	44.7	477.0	28,700 *	48.9	489.3	36,900 *	52.7	498.9	45,200 *	225
230	43.2	471.7	27,900 *	47.5	484.7	35,900 *	51.4	494.9	44,200 *	230
235	41.6	466.2	27,100 *	46.0	479.9	34,900 *	50.1	490.8	43,200 *	235
240	40.0	460.3	26,400 *	44.5	474.9	34,000 *	48.7	486.4	42,200 *	240
250	36.6	447.4	25,100 *	41.5	464.0	32,300 *	45.8	477.0	40,200 *	250
260	32.9	432.7	24,000 *	38.2	451.7	30,600 *	42.8	466.5	38,300 *	260
270	28.8	415.6	23,000 *	34.6	437.9	29,200 *	39.6	454.9	36,500 *	270
280	24.1	395.0	22,300 *	30.7	422.0	27,900 *	36.2	441.8	34,800 *	280
290	18.1	368.4	21,900 *	26.3	403.1	26,800 *	32.5	426.8	33,200 *	290
300	8.9	324.9	21,900 *	21.0	379.6	25,900 *	28.3	409.4	31,800 *	300
310				13.8	346.6	25,500 *	23.4	388.2	30,600 *	310
320							17.3	360.5	29,300 *	320
330							6.8	311.4	25,700 *	330
340										340
350										350
360										360
370										370
380										380
390										390
400										400

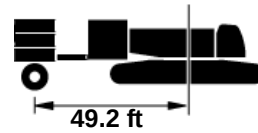


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



275.6 ft



275.6 ft

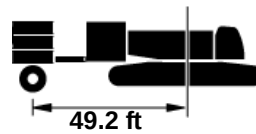
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175										175
180										180
185										185
190										190
195										195
200										200
205										205
210	62.3	518.5	45,900 *							210
215	61.1	515.7	45,900 *							215
220	59.9	512.8	45,900 *							220
225	58.7	509.8	45,900 *							225
230	57.5	506.6	45,900 *							230
235	56.2	503.3	45,900 *							235
240	54.9	499.8	45,900 *							240
250	52.3	492.3	45,900 *							250
260	49.7	484.0	45,900 *	55.7	494.4	42,000 *				260
270	46.8	474.9	45,900 *	53.1	487.1	42,000 *				270
280	43.9	464.9	45,900 *	50.5	479.0	42,000 *				280
290	40.8	453.7	44,400 *	47.7	470.2	42,000 *				290
300	37.4	441.1	42,000 *	44.8	460.5	42,000 *	51.1	471.4	38,200 *	300
310	33.8	426.9	39,500 *	41.7	449.6	42,000 *	48.3	462.8	38,200 *	310
320	29.8	410.4	36,900 *	38.5	437.5	42,000 *	45.4	453.2	38,200 *	320
330	25.2	390.8	34,200 *	34.9	423.8	40,600 *	42.4	442.6	37,500 *	330
340	19.7	365.9	31,300 *	31.1	408.1	38,100 *	39.2	430.9	35,300 *	340
350	11.7	329.0	27,900 *	26.7	389.5	35,500 *	35.7	417.5	33,200 *	350
360				21.5	366.6	32,700 *	32.0	402.3	31,300 *	360
370				14.5	334.8	29,400 *	27.7	384.5	29,400 *	370
380							22.7	362.7	27,600 *	380
390							16.3	333.7	25,800 *	390
400							3.7	273.8	24,000 *	400

16000 MAX-ER

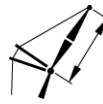
ANSI B30.5



332,000 lb
+
120,000 lb



295.3 ft



78.7 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
55	72.4	378.9	161,200 *d							55
60	68.5	376.9	159,000 *d							60
65	64.4	374.5	156,400 *c							65
70	60.3	371.7	153,300 *b							70
75	55.9	368.4	146,600 *b	68.8	375.5	160,000 *d				75
80	51.2	364.4	140,100 *b	64.8	373.1	158,000 *c				80
85	46.3	359.7	133,900 *	60.6	370.3	155,300 *b				85
90	40.8	354.1	128,400 *	56.3	367.0	152,500 *b				90
95	34.6	347.1	123,500 *	51.7	363.1	148,800 *b	65.1	370.9	158,000 *c	95
100	27.0	338.1	119,600 *	46.7	358.5	142,600 *	60.9	368.1	156,500 *b	100
105	16.3	324.2	117,500 *	41.3	353.0	136,800 *	56.6	364.8	153,600 *b	105
110				35.2	346.2	131,500 *	52.0	361.0	151,200 *b	110
115				27.8	337.4	127,100 *	47.1	356.4	146,500 *b	115
120				17.5	324.2	122,300 *	41.7	351.0	139,900 *	120
125							35.6	344.3	133,300 *	125
130							28.4	335.6	126,500 *	130
135							18.4	323.0	119,400 *	135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175										175
180										180
185										185
190										190
195										195
200										200
205										205
210										210

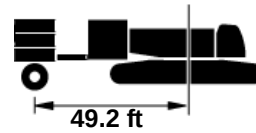


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



295.3 ft

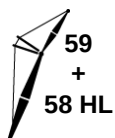


78.7 ft

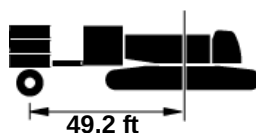
 ft	 75°			 70°			 65°			 ft
	 o	ft	lb	 o	ft	lb	 o	ft	lb	
55										55
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125	61.1	362.4	154,500 *b							125
130	56.8	359.1	152,700 *b							130
135	52.2	355.3	147,000 *b							135
140	47.3	350.8	140,900 *b							140
145	41.9	345.4	134,800 *							145
150	35.9	338.7	128,400 *							150
155	28.7	330.2	122,000 *	56.4	350.8	144,900 *b				155
160	19.0	317.8	115,000 *	51.8	347.0	139,800 *b				160
165				46.9	342.4	134,300 *b				165
170				41.5	336.9	128,600 *				170
175				35.4	330.1	122,600 *				175
180				28.1	321.4	116,500 *				180
185				18.0	308.5	109,600 *	50.7	335.8	112,200 b	185
190							45.7	331.0	108,600 b	190
195							40.1	325.3	105,100	195
200							33.8	318.1	101,900	200
205							26.1	308.8	98,700	205
210							14.5	293.8	95,500	210

16000 MAX-ER

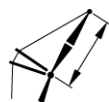
ANSI B30.5



332,000 lb
+
120,000 lb



295.3 ft



98.4 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
60	73.0	398.0	141,200 *d							60
65	69.9	396.1	139,500 *c							65
70	66.7	394.0	137,300 *b							70
75	63.4	391.5	134,500 *b							75
80	60.1	388.7	129,000 *b	70.1	394.7	140,300 *c				80
85	56.6	385.4	123,500 *b	67.0	392.6	138,800 *b				85
90	53.0	381.7	118,200 *	63.7	390.1	136,900 *b				90
95	49.2	377.4	113,200 *	60.4	387.3	134,800 *b				95
100	45.1	372.5	108,500 *	56.9	384.1	132,300 *b	67.2	390.3	138,700 *b	100
105	40.7	366.8	104,100 *	53.3	380.4	127,100 *	64.0	387.8	137,700 *b	105
110	35.8	360.1	100,200 *	49.5	376.2	122,000 *	60.6	385.0	135,600 *b	110
115	30.3	352.0	96,900 *	45.5	371.3	117,100 *	57.2	381.8	133,900 *b	115
120	23.5	341.4	94,400 *	41.1	365.7	112,500 *	53.6	378.2	132,000 *	120
125	13.5	325.0	93,500 *	36.3	359.1	108,300 *	49.8	374.0	129,400 *	125
130				30.8	351.2	104,600 *	45.8	369.2	124,600 *	130
135				24.2	340.9	101,600 *	41.4	363.7	119,600 *	135
140				14.7	325.4	99,800 *	36.6	357.2	114,600 *	140
145							31.2	349.3	109,500 *	145
150							24.7	339.3	104,400 *	150
155							15.5	324.4	98,700 *	155
160										160
165										165
170										170
175										175
180										180
185										185
190										190
195										195
200										200
205										205
210										210
215										215
220										220
225										225
230										230

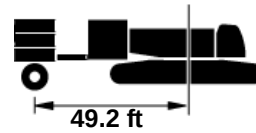


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



295.3 ft

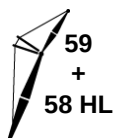


98.4 ft

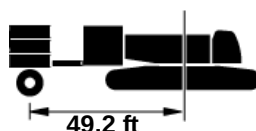
	 75°			 70°			 65°			
	 ft	 o	 ft lb	 o	 ft lb		 o	 ft lb		
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135	60.8	379.3	134,200 *b							135
140	57.3	376.1	133,200 *b							140
145	53.7	372.5	129,700 *							145
150	50.0	368.4	125,100 *							150
155	45.9	363.6	120,400 *							155
160	41.6	358.1	115,700 *							160
165	36.9	351.6	110,900 *	57.1	367.8	127,200 *b				165
170	31.5	343.8	106,100 *	53.5	364.2	123,400 *				170
175	25.0	333.9	101,000 *	49.7	360.0	119,400 *				175
180	16.1	319.4	95,400 *	45.6	355.2	115,200 *				180
185				41.3	349.6	110,800 *				185
190				36.5	343.1	106,200 *				190
195				31.0	335.1	101,600 *	52.6	353.1	103,800	195
200				24.4	325.0	96,700 *	48.7	348.8	100,600	200
205				15.1	309.8	91,200 *	44.6	343.8	97,500	205
210							40.2	338.0	94,600	210
215							35.3	331.2	91,800	215
220							29.6	322.8	89,200	220
225							22.6	311.9	86,600	225
230							11.8	294.1	84,000	230

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



295.3 ft



118.1 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
65	73.4	417.0	124,600 *c							65
70	70.8	415.3	123,400 *b							70
75	68.2	413.3	121,600 *b							75
80	65.5	411.0	118,400 *b							80
85	62.8	408.5	113,800 *b							85
90	60.0	405.6	109,300 *	68.4	411.9	123,100 *b				90
95	57.1	402.4	104,800 *	65.8	409.6	121,700 *b				95
100	54.1	398.8	100,500 *	63.0	407.1	120,000 *b				100
105	51.0	394.8	96,400 *	60.2	404.2	117,900 *				105
110	47.8	390.3	92,400 *	57.4	401.1	113,600 *	65.9	407.3	121,600 *b	110
115	44.3	385.3	88,700 *	54.4	397.5	109,300 *	63.2	404.8	120,500 *b	115
120	40.6	379.6	85,300 *	51.3	393.5	105,100 *	60.4	402.0	119,300 *	120
125	36.6	373.0	82,200 *	48.1	389.1	101,000 *	57.6	398.8	117,900 *	125
130	32.2	365.4	79,500 *	44.6	384.1	97,200 *	54.6	395.3	116,300 *	130
135	27.1	356.1	77,300 *	41.0	378.5	93,500 *	51.5	391.4	112,700 *	135
140	20.8	344.2	75,700 *	37.0	372.0	90,100 *	48.3	387.0	108,600 *	140
145	11.3	325.3	75,400 *	32.6	364.5	87,000 *	44.9	382.0	104,800 *	145
150				27.6	355.4	84,400 *	41.2	376.4	101,000 *	150
155				21.5	343.8	82,300 *	37.3	370.0	97,500 *	155
160				12.5	326.0	81,300 *	32.9	362.6	94,200 *	160
165							28.0	353.6	91,300 *	165
170							21.9	342.3	88,000 *	170
175							13.3	325.2	83,400 *	175
180										180
185										185
190										190
195										195
200										200
205										205
210										210
215										215
220										220
225										225
230										230
235										235
240										240
250										250

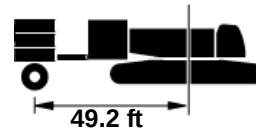


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



295.3 ft



118.1 ft

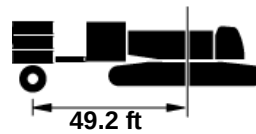
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145	60.6	396.3	117,700 *							145
150	57.7	393.1	117,100 *							150
155	54.7	389.6	116,000 *							155
160	51.7	385.7	112,300 *							160
165	48.4	381.3	108,600 *							165
170	45.0	376.4	104,900 *							170
175	41.4	370.9	101,100 *	57.5	384.8	113,000 *				175
180	37.5	364.5	97,300 *	54.5	381.3	110,400 *				180
185	33.2	357.1	93,500 *	51.4	377.4	107,300 *				185
190	28.2	348.2	89,600 *	48.2	372.9	104,000 *				190
195	22.2	337.0	85,400 *	44.8	368.0	100,600 *				195
200	13.8	320.4	80,800 *	41.1	362.4	97,100 *				200
205				37.2	355.9	93,400 *				205
210				32.8	348.4	89,900 *	50.7	366.2	92,600	210
215				27.8	339.4	86,000 *	47.4	361.7	89,900	215
220				21.7	327.9	81,900 *	43.9	356.6	87,300	220
225				12.9	310.6	77,300 *	40.2	350.8	84,800	225
230							36.2	344.1	82,500	230
235							31.7	336.3	80,200	235
240							26.5	326.9	78,000	240
250							9.7	293.8	72,500 *	250

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



295.3 ft



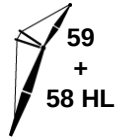
137.8 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
70	73.6	436.1	110,800 *b							70
75	71.4	434.4	109,600 *b							75
80	69.2	432.5	108,300 *b							80
85	67.0	430.4	104,900 *							85
90	64.7	428.0	101,100 *							90
95	62.3	425.4	97,400 *	69.4	431.1	109,400 *b				95
100	59.9	422.6	93,600 *	67.2	429.0	108,400 *b				100
105	57.5	419.4	90,000 *	64.9	426.6	107,200 *				105
110	54.9	415.9	86,400 *	62.5	424.0	105,500 *				110
115	52.3	412.1	83,000 *	60.1	421.2	102,000 *	67.3	426.7	107,900 *b	115
120	49.6	407.9	79,700 *	57.7	418.0	98,500 *	65.0	424.4	107,300 *	120
125	46.7	403.2	76,600 *	55.1	414.6	94,900 *	62.7	421.8	106,500 *	125
130	43.8	398.1	73,700 *	52.5	410.8	91,500 *	60.3	418.9	105,500 *	130
135	40.6	392.3	71,000 *	49.8	406.6	88,000 *	57.8	415.8	104,300 *	135
140	37.2	385.9	68,500 *	47.0	402.0	84,800 *	55.3	412.4	102,200 *	140
145	33.5	378.5	66,300 *	44.0	396.9	81,700 *	52.7	408.6	98,900 *	145
150	29.4	370.0	64,400 *	40.9	391.2	78,800 *	50.0	404.5	95,600 *	150
155	24.7	359.7	62,900 *	37.5	384.9	76,000 *	47.2	399.9	92,300 *	155
160	18.7	346.5	61,900 *	33.9	377.6	73,500 *	44.2	394.8	89,100 *	160
165	9.5	324.9	61,900 *	29.8	369.2	71,200 *	41.1	389.2	86,100 *	165
170				25.1	359.1	69,300 *	37.8	382.9	83,200 *	170
175				19.4	346.2	67,900 *	34.1	375.7	80,500 *	175
180				10.7	326.1	67,400 *	30.1	367.4	78,000 *	180
185							25.5	357.4	75,700 *	185
190							19.8	344.8	73,900 *	190
195							11.6	325.6	71,200 *	195
200										200
205										205
210										210
215										215
220										220
225										225
230										230
235										235
240										240
250										250
260										260
270										270

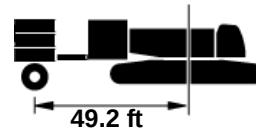


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



295.3 ft

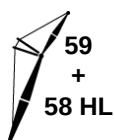


137.8 ft

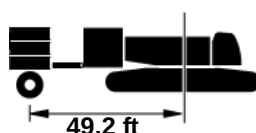
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150	62.8	416.0	103,800 *							150
155	60.4	413.2	103,700 *							155
160	58.0	410.1	103,400 *							160
165	55.4	406.7	102,800 *							165
170	52.8	402.9	101,300 *							170
175	50.1	398.8	98,300 *							175
180	47.3	394.2	95,300 *							180
185	44.4	389.2	92,300 *	57.8	401.8	98,900 *				185
190	41.3	383.6	89,200 *	55.2	398.4	98,900 *				190
195	37.9	377.3	86,100 *	52.6	394.6	96,800 *				195
200	34.3	370.2	83,100 *	49.9	390.4	94,200 *				200
205	30.3	361.9	79,900 *	47.1	385.8	91,500 *				205
210	25.7	352.1	76,600 *	44.1	380.7	88,700 *				210
215	20.1	339.6	73,100 *	41.0	375.1	85,800 *				215
220	12.0	320.9	69,200 *	37.6	368.7	82,900 *	52.0	383.5	85,800	220
225				34.0	361.5	80,000 *	49.3	379.2	83,400	225
230				30.0	353.2	76,900 *	46.4	374.5	81,000	230
235				25.3	343.2	73,700 *	43.4	369.3	78,800	235
240				19.6	330.4	70,200 *	40.2	363.5	76,600	240
250							33.1	349.5	72,600	250
260							24.1	330.3	68,800	260
270							7.8	292.7	62,100 *	270

16000 MAX-ER

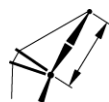
ANSI B30.5



332,000 lb
+
120,000 lb



295.3 ft



157.5 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
75	73.8	455.2	98,300 *b							75
80	71.9	453.5	97,400 *b							80
85	70.0	451.7	95,800 *							85
90	68.0	449.7	92,900 *							90
95	66.0	447.5	89,800 *							95
100	64.0	445.1	86,700 *	70.2	450.2	97,100 *				100
105	62.0	442.4	83,600 *	68.2	448.2	96,400 *				105
110	59.9	439.5	80,500 *	66.2	446.0	95,600 *				110
115	57.7	436.4	77,500 *	64.2	443.6	94,300 *				115
120	55.5	433.0	74,600 *	62.1	441.0	91,500 *				120
125	53.2	429.2	71,800 *	60.0	438.1	88,600 *	66.4	443.8	95,200 *	125
130	50.9	425.2	69,000 *	57.9	435.0	85,600 *	64.3	441.4	94,700 *	130
135	48.5	420.8	66,500 *	55.7	431.6	82,700 *	62.3	438.7	94,000 *	135
140	46.0	416.0	64,000 *	53.4	428.0	79,800 *	60.2	435.9	93,200 *	140
145	43.3	410.8	61,700 *	51.1	424.0	77,000 *	58.1	432.8	92,400 *	145
150	40.6	405.1	59,600 *	48.7	419.6	74,300 *	55.9	429.4	89,700 *	150
155	37.6	398.7	57,600 *	46.2	414.9	71,700 *	53.6	425.8	87,000 *	155
160	34.5	391.6	55,800 *	43.6	409.7	69,200 *	51.3	421.8	84,200 *	160
165	31.0	383.5	54,200 *	40.8	404.0	66,800 *	48.9	417.5	81,500 *	165
170	27.1	374.2	52,800 *	37.9	397.7	64,600 *	46.4	412.7	78,800 *	170
175	22.7	362.9	51,800 *	34.8	390.6	62,500 *	43.8	407.6	76,200 *	175
180	17.0	348.3	51,200 *	31.3	382.6	60,600 *	41.0	401.9	73,800 *	180
185	8.0	323.9	51,200 *	27.5	373.4	59,000 *	38.1	395.7	71,400 *	185
190				23.1	362.4	57,600 *	35.0	388.7	69,100 *	190
195				17.6	348.2	56,600 *	31.6	380.8	67,000 *	195
200				9.2	325.6	56,400 *	27.8	371.7	65,100 *	200
205							23.4	360.8	63,500 *	205
210							18.1	346.9	62,100 *	210
215							10.0	325.4	60,800 *	215
220										220
225										225
230										230
235										235
240										240
250										250
260										260
270										270
280										280
290										290

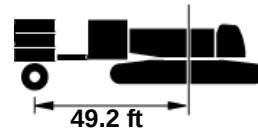


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



295.3 ft

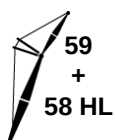


157.5 ft

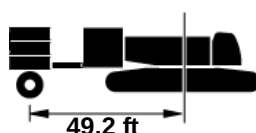
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160	62.4	433.0	91,200 *							160
165	60.3	430.2	91,200 *							165
170	58.2	427.1	91,100 *							170
175	56.0	423.7	90,900 *							175
180	53.7	420.1	90,500 *							180
185	51.4	416.1	88,700 *							185
190	49.0	411.8	86,300 *							190
195	46.5	407.1	83,800 *	58.0	418.8	86,400 *				195
200	43.9	402.0	81,200 *	55.8	415.4	86,400 *				200
205	41.1	396.3	78,700 *	53.5	411.7	86,400 *				205
210	38.2	390.1	76,100 *	51.2	407.7	84,900 *				210
215	35.1	383.1	73,600 *	48.8	403.4	82,700 *				215
220	31.7	375.3	71,000 *	46.3	398.7	80,500 *				220
225	28.0	366.2	68,300 *	43.7	393.5	78,200 *				225
230	23.6	355.5	65,500 *	40.9	387.8	75,800 *	53.0	400.7	79,000	230
235	18.3	341.7	62,500 *	38.0	381.6	73,300 *	50.6	396.6	76,800	235
240	10.5	320.9	59,200 *	34.9	374.5	71,000 *	48.2	392.2	74,700	240
250				27.7	357.5	65,800 *	43.0	382.1	70,700	250
260				17.9	332.5	60,100 *	37.3	369.8	67,000	260
270							30.6	354.4	63,600	270
280							22.1	333.4	59,400 *	280
290							6.1	290.6	52,900 *	290

16000 MAX-ER

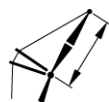
ANSI B30.5



332,000 lb
+
120,000 lb



295.3 ft



177.2 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
85	72.3	472.6	86,700 *							85
90	70.6	470.9	85,000 *							90
95	68.9	468.9	82,600 *							95
100	67.1	466.8	80,100 *							100
105	65.3	464.5	77,500 *	70.7	469.4	86,300 *				105
110	63.5	462.0	74,900 *	69.0	467.5	85,800 *				110
115	61.7	459.4	72,300 *	67.3	465.4	85,300 *				115
120	59.8	456.5	69,800 *	65.5	463.1	84,600 *				120
125	57.9	453.4	67,300 *	63.7	460.6	82,300 *				125
130	56.0	450.0	64,900 *	61.9	458.0	79,900 *	67.4	463.1	84,400 *	130
135	54.0	446.4	62,600 *	60.0	455.1	77,500 *	65.6	460.8	84,100 *	135
140	51.9	442.5	60,300 *	58.1	452.0	75,000 *	63.8	458.4	83,800 *	140
145	49.8	438.3	58,100 *	56.1	448.6	72,600 *	62.0	455.7	83,300 *	145
150	47.6	433.8	56,100 *	54.1	445.1	70,200 *	60.1	452.9	82,800 *	150
155	45.4	428.9	54,100 *	52.1	441.2	67,900 *	58.2	449.8	81,400 *	155
160	43.0	423.6	52,300 *	50.0	437.0	65,600 *	56.3	446.4	79,200 *	160
165	40.5	417.8	50,500 *	47.8	432.5	63,400 *	54.3	442.9	76,900 *	165
170	37.9	411.5	48,900 *	45.6	427.7	61,200 *	52.2	439.0	74,700 *	170
175	35.2	404.5	47,500 *	43.2	422.4	59,200 *	50.1	434.9	72,400 *	175
180	32.2	396.8	46,100 *	40.8	416.7	57,300 *	48.0	430.4	70,200 *	180
185	28.9	388.0	45,000 *	38.2	410.5	55,400 *	45.7	425.6	68,000 *	185
190	25.3	377.9	44,000 *	35.4	403.6	53,700 *	43.4	420.4	65,900 *	190
195	21.0	365.7	43,300 *	32.5	395.9	52,200 *	40.9	414.7	63,800 *	195
200	15.6	349.8	43,000 *	29.2	387.2	50,700 *	38.4	408.5	61,800 *	200
205	6.5	322.1	43,000 *	25.6	377.2	49,500 *	35.6	401.6	60,000 *	205
210				21.4	365.3	48,500 *	32.7	394.0	58,200 *	210
215				16.2	349.9	47,800 *	29.5	385.4	56,600 *	215
220				7.8	324.5	47,800 *	25.9	375.5	55,100 *	220
225							21.7	363.7	53,900 *	225
230							16.6	348.7	52,900 *	230
235							8.7	324.7	52,200 *	235
240										240
250										250
260										260
270										270
280										280
290										290
300										300
310										310

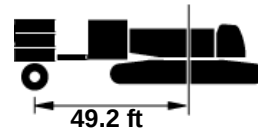


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



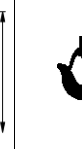
335,400 lb



295.3 ft

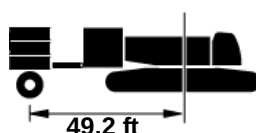
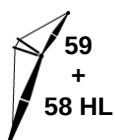


177.2 ft

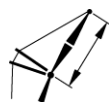
	75°			70°			65°			
	 ft	 °	 ft	 lb	 °	 ft	 lb	 °	 ft	 lb
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170	62.1	450.0	80,400 *							170
175	60.2	447.1	80,400 *							175
180	58.3	444.0	80,400 *							180
185	56.4	440.7	80,400 *							185
190	54.4	437.2	80,200 *							190
195	52.3	433.3	79,900 *							195
200	50.2	429.2	78,300 *							200
205	48.1	424.8	76,200 *							205
210	45.8	420.0	74,100 *	56.2	432.4	76,200 *				210
215	43.5	414.7	72,000 *	54.2	428.9	76,200 *				215
220	41.1	409.1	69,800 *	52.2	425.0	76,200 *				220
225	38.5	402.9	67,700 *	50.1	420.8	75,000 *				225
230	35.7	396.1	65,600 *	47.9	416.4	73,200 *				230
235	32.8	388.5	63,400 *	45.7	411.5	71,300 *				235
240	29.6	380.0	61,100 *	43.3	406.3	69,300 *				240
250	21.9	358.5	56,400 *	38.3	394.4	65,300 *	49.6	409.7	69,200	250
260	9.2	320.4	50,900 *	32.6	379.9	61,100 *	45.1	400.2	65,600	260
270				25.8	361.3	56,700 *	40.3	389.0	62,200	270
280				16.4	334.2	51,700 *	34.9	375.6	59,100 *	280
290							28.5	358.9	55,700 *	290
300							20.5	336.1	51,100 *	300
310							4.3	287.1	45,400 *	310

16000 MAX-ER

ANSI B30.5



295.3 ft



196.9 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
90	72.6	491.7	77,100 *							90
95	71.1	490.0	75,300 *							95
100	69.5	488.1	73,300 *							100
105	67.9	486.1	71,200 *							105
110	66.4	483.9	69,100 *							110
115	64.7	481.6	67,000 *	69.7	486.6	76,200 *				115
120	63.1	479.0	64,800 *	68.1	484.6	75,800 *				120
125	61.5	476.3	62,700 *	66.5	482.5	75,400 *				125
130	59.8	473.4	60,600 *	64.9	480.1	73,700 *				130
135	58.1	470.3	58,600 *	63.3	477.6	71,700 *				135
140	56.3	467.0	56,600 *	61.6	474.9	69,800 *	66.6	480.2	74,400 *	140
145	54.5	463.5	54,600 *	59.9	472.0	67,800 *	65.0	477.9	74,300 *	145
150	52.7	459.7	52,700 *	58.2	469.0	65,700 *	63.4	475.4	74,000 *	150
155	50.8	455.6	50,900 *	56.5	465.7	63,700 *	61.7	472.7	73,600 *	155
160	48.9	451.3	49,200 *	54.7	462.1	61,800 *	60.0	469.8	73,200 *	160
165	46.9	446.7	47,500 *	52.9	458.4	59,800 *	58.3	466.7	71,700 *	165
170	44.9	441.7	45,900 *	51.0	454.4	57,900 *	56.6	463.5	69,900 *	170
175	42.7	436.3	44,400 *	49.1	450.1	56,000 *	54.8	459.9	68,000 *	175
180	40.5	430.6	43,100 *	47.1	445.5	54,200 *	53.0	456.2	66,100 *	180
185	38.2	424.3	41,800 *	45.1	440.5	52,500 *	51.1	452.2	64,300 *	185
190	35.7	417.5	40,600 *	42.9	435.2	50,800 *	49.2	447.9	62,400 *	190
195	33.1	410.0	39,500 *	40.7	429.5	49,200 *	47.3	443.3	60,500 *	195
200	30.3	401.6	38,500 *	38.4	423.2	47,700 *	45.2	438.4	58,800 *	200
205	27.2	392.2	37,600 *	36.0	416.5	46,300 *	43.1	433.1	57,000 *	205
210	23.7	381.3	37,000 *	33.3	409.0	45,000 *	40.9	427.4	55,300 *	210
215	19.6	368.2	36,500 *	30.5	400.8	43,900 *	38.6	421.2	53,700 *	215
220	14.4	351.0	36,300 *	27.5	391.5	42,800 *	36.1	414.5	52,200 *	220
225	5.0	319.3	36,300 *	24.0	380.7	41,900 *	33.5	407.1	50,700 *	225
230				20.0	367.9	41,100 *	30.7	398.9	49,300 *	230
235				14.9	351.2	40,700 *	27.7	389.7	48,100 *	235
240				6.5	322.8	40,700 *	24.3	379.1	47,000 *	240
250							15.3	350.1	45,300 *	250
260										260
270										270
280										280
290										290
300										300
310										310
320										320

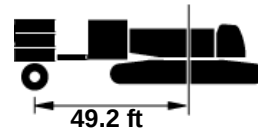


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



295.3 ft

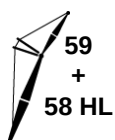


196.9 ft

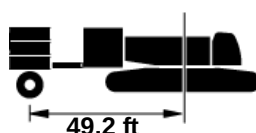
	 75°			 70°			 65°				
	 ft	 °	 ft	lb	 °	 ft	lb	 °	 ft		lb
90											90
95											95
100											100
105											105
110											110
115											115
120											120
125											125
130											130
135											135
140											140
145											145
150											150
155											155
160											160
165											165
170											170
175											175
180	61.8	466.9	70,600 *								180
185	60.1	464.1	70,600 *								185
190	58.4	461.0	70,600 *								190
195	56.7	457.7	70,600 *								195
200	54.9	454.2	70,600 *								200
205	53.1	450.5	70,600 *								205
210	51.2	446.5	70,400 *								210
215	49.3	442.2	68,900 *								215
220	47.3	437.7	67,200 *	56.5	449.4	66,400 *					220
225	45.3	432.8	65,400 *	54.8	445.9	66,400 *					225
230	43.2	427.5	63,600 *	52.9	442.2	66,400 *					230
235	41.0	421.8	61,800 *	51.1	438.2	66,400 *					235
240	38.7	415.7	59,900 *	49.2	433.9	66,100 *					240
250	33.6	401.6	56,300 *	45.1	424.4	62,900 *					250
260	27.8	384.3	52,400 *	40.8	413.3	59,600 *	50.6	427.0	61,700 *		260
270	20.5	361.1	48,300 *	36.0	400.4	56,100 *	46.7	418.0	59,800 *		270
280	8.0	319.5	43,400 *	30.6	384.7	52,500 *	42.5	407.6	56,600 *		280
290				24.1	364.8	48,600 *	37.9	395.4	53,500 *		290
300				15.1	335.6	44,200 *	32.8	381.0	50,700 *		300
310							26.8	363.0	47,600 *		310
320							19.1	338.4	43,600 *		320

16000 MAX-ER

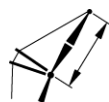
ANSI B30.5



332,000 lb
+
120,000 lb



295.3 ft



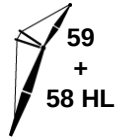
216.5 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
95	72.9	510.8	67,500 *							95
100	71.5	509.1	66,400 *							100
105	70.0	507.3	64,800 *							105
110	68.6	505.3	63,200 *							110
115	67.2	503.2	61,500 *							115
120	65.7	501.0	59,700 *	70.2	505.8	66,700 *				120
125	64.3	498.6	58,000 *	68.8	503.9	66,400 *				125
130	62.8	496.0	56,200 *	67.3	501.8	66,100 *				130
135	61.3	493.3	54,500 *	65.9	499.5	65,600 *				135
140	59.8	490.4	52,800 *	64.4	497.2	64,100 *				140
145	58.2	487.3	51,100 *	62.9	494.6	62,500 *	67.4	499.5	65,000 *	145
150	56.6	484.0	49,500 *	61.4	491.9	60,900 *	66.0	497.2	64,900 *	150
155	55.0	480.5	47,900 *	59.9	489.0	59,300 *	64.5	494.9	64,800 *	155
160	53.4	476.8	46,300 *	58.3	485.9	57,700 *	63.0	492.3	64,600 *	160
165	51.7	472.9	44,800 *	56.8	482.7	56,000 *	61.5	489.6	64,300 *	165
170	49.9	468.7	43,400 *	55.1	479.2	54,400 *	60.0	486.7	64,000 *	170
175	48.2	464.3	42,000 *	53.5	475.5	52,800 *	58.4	483.7	63,000 *	175
180	46.4	459.5	40,600 *	51.8	471.6	51,200 *	56.9	480.4	61,600 *	180
185	44.5	454.5	39,400 *	50.1	467.5	49,700 *	55.3	477.0	60,100 *	185
190	42.5	449.1	38,200 *	48.3	463.0	48,200 *	53.6	473.3	58,600 *	190
195	40.5	443.3	37,000 *	46.5	458.3	46,700 *	51.9	469.4	57,000 *	195
200	38.4	437.1	36,000 *	44.6	453.3	45,300 *	50.2	465.3	55,500 *	200
205	36.2	430.4	35,000 *	42.7	448.0	44,000 *	48.5	460.9	54,000 *	205
210	33.8	423.0	34,100 *	40.7	442.2	42,700 *	46.7	456.2	52,500 *	210
215	31.3	415.0	33,300 *	38.6	436.0	41,500 *	44.8	451.2	51,100 *	215
220	28.6	406.1	32,500 *	36.4	429.3	40,300 *	42.8	445.9	49,700 *	220
225	25.6	396.0	31,900 *	34.0	422.1	39,200 *	40.8	440.2	48,300 *	225
230	22.3	384.4	31,400 *	31.6	414.1	38,200 *	38.7	434.0	46,900 *	230
235	18.4	370.4	31,100 *	28.9	405.3	37,300 *	36.5	427.4	45,700 *	235
240	13.3	351.9	31,100 *	25.9	395.3	36,500 *	34.2	420.1	44,500 *	240
250				18.8	370.2	35,300 *	29.1	403.5	42,300 *	250
260				5.2	320.2	35,100 *	22.9	382.3	40,400 *	260
270							14.2	351.3	39,100 *	270
280										280
290										290
300										300
310										310
320										320
330										330
340										340

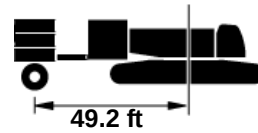


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



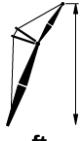
335,400 lb



295.3 ft

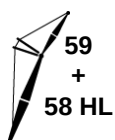


216.5 ft

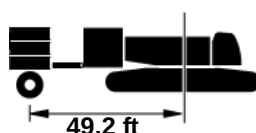
	 75°			 70°			 65°			
	 ft	 ft	 lb	 ft	 ft	 lb	 ft	 ft	 lb	
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175										175
180										180
185										185
190	61.6	483.9	61,500 *							190
195	60.1	481.0	61,500 *							195
200	58.5	478.0	61,500 *							200
205	56.9	474.7	61,500 *							205
210	55.3	471.3	61,500 *							210
215	53.7	467.6	61,500 *							215
220	52.0	463.7	61,500 *							220
225	50.3	459.6	60,900 *							225
230	48.5	455.2	59,400 *	56.8	466.4	57,500 *				230
235	46.7	450.6	57,900 *	55.2	463.0	57,500 *				235
240	44.9	445.6	56,400 *	53.6	459.3	57,500 *				240
250	40.9	434.6	53,300 *	50.2	451.3	57,500 *				250
260	36.6	421.8	50,300 *	46.6	442.2	55,600 *				260
270	31.8	406.7	47,100 *	42.8	431.8	52,800 *	51.5	444.3	54,000 *	270
280	26.3	388.2	43,700 *	38.7	419.9	49,900 *	48.0	435.6	53,000 *	280
290	19.2	363.6	40,200 *	34.1	406.0	46,900 *	44.3	425.8	50,700 *	290
300	6.8	317.9	35,800 *	29.0	389.3	43,800 *	40.3	414.5	48,200 *	300
310				22.8	368.0	40,400 *	35.9	401.4	45,600 *	310
320				14.0	336.7	36,500 *	31.0	385.9	42,700 *	320
330							25.3	366.7	39,500 *	330
340							17.9	340.5	36,000 *	340

16000 MAX-ER

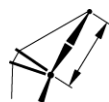
ANSI B30.5



332,000 lb
+
120,000 lb



295.3 ft



236.2 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
100	73.1	529.8	59,900 *							100
105	71.8	528.2	58,600 *							105
110	70.5	526.4	57,300 *							110
115	69.2	524.5	56,000 *							115
120	67.9	522.5	54,600 *							120
125	66.6	520.3	53,200 *	70.6	525.0	59,100 *				125
130	65.2	518.0	51,700 *	69.3	523.1	58,800 *				130
135	63.9	515.6	50,300 *	68.0	521.0	58,600 *				135
140	62.5	513.0	48,800 *	66.7	518.9	58,300 *				140
145	61.1	510.2	47,400 *	65.4	516.6	57,200 *				145
150	59.7	507.3	46,000 *	64.0	514.2	55,900 *				150
155	58.3	504.2	44,600 *	62.6	511.6	54,600 *	66.8	516.6	57,300 *	155
160	56.9	501.0	43,200 *	61.3	508.9	53,300 *	65.4	514.3	57,200 *	160
165	55.4	497.6	41,900 *	59.9	506.0	51,900 *	64.1	511.9	57,100 *	165
170	53.9	493.9	40,600 *	58.4	502.9	50,600 *	62.7	509.3	56,900 *	170
175	52.4	490.1	39,300 *	57.0	499.7	49,200 *	61.4	506.6	56,700 *	175
180	50.8	486.0	38,100 *	55.5	496.2	47,900 *	60.0	503.7	56,500 *	180
185	49.2	481.7	36,900 *	54.0	492.6	46,600 *	58.5	500.7	55,500 *	185
190	47.6	477.2	35,800 *	52.5	488.8	45,300 *	57.1	497.4	54,300 *	190
195	45.9	472.4	34,700 *	50.9	484.8	44,000 *	55.6	494.0	53,000 *	195
200	44.1	467.3	33,700 *	49.3	480.5	42,700 *	54.1	490.4	51,800 *	200
205	42.4	461.9	32,700 *	47.7	476.0	41,500 *	52.6	486.6	50,500 *	205
210	40.5	456.1	31,800 *	46.0	471.2	40,300 *	51.0	482.6	49,300 *	210
215	38.6	449.9	30,900 *	44.3	466.1	39,100 *	49.5	478.4	48,000 *	215
220	36.5	443.2	30,100 *	42.5	460.7	38,000 *	47.8	473.9	46,800 *	220
225	34.4	436.0	29,300 *	40.7	455.0	37,000 *	46.1	469.1	45,600 *	225
230	32.2	428.2	28,600 *	38.7	448.8	36,000 *	44.4	464.0	44,400 *	230
235	29.8	419.7	28,000 *	36.7	442.2	35,000 *	42.6	458.6	43,200 *	235
240	27.2	410.2	27,500 *	34.6	435.0	34,100 *	40.8	452.9	42,100 *	240
250	21.1	387.2	26,700 *	30.0	418.9	32,500 *	36.9	440.2	39,900 *	250
260	12.3	352.6	26,500 *	24.6	398.9	31,200 *	32.5	425.4	38,000 *	260
270				17.7	372.2	30,300 *	27.6	407.7	36,200 *	270
280				3.8	316.1	30,200 *	21.6	385.2	34,800 *	280
290							13.3	352.2	33,000 *	290
300										300
310										310
320										320
330										330
340										340
350										350
360										360

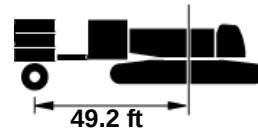


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



295.3 ft

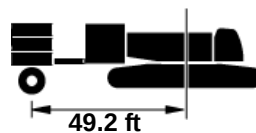


236.2 ft

	75°			70°			65°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175										175
180										180
185										185
190										190
195	62.8	503.6	53,800 *							195
200	61.4	500.9	53,800 *							200
205	60.0	498.0	53,800 *							205
210	58.6	494.9	53,800 *							210
215	57.2	491.7	53,800 *							215
220	55.7	488.3	53,800 *							220
225	54.2	484.7	53,800 *							225
230	52.7	480.9	53,800 *							230
235	51.1	476.9	53,800 *							235
240	49.5	472.7	53,600 *	57.0	483.4	50,200 *				240
250	46.2	463.4	51,000 *	54.1	476.4	50,200 *				250
260	42.7	453.0	48,400 *	51.0	468.6	50,200 *				260
270	39.0	441.2	45,700 *	47.8	459.8	50,000 *				270
280	34.9	427.6	43,000 *	44.4	450.0	47,700 *	52.2	461.5	46,600 *	280
290	30.3	411.5	40,200 *	40.7	438.8	45,300 *	49.0	453.1	46,600 *	290
300	24.9	391.9	37,200 *	36.8	426.1	42,800 *	45.7	443.7	45,600 *	300
310	18.1	365.7	34,000 *	32.5	411.3	40,100 *	42.2	433.1	43,300 *	310
320	5.7	315.6	30,000 *	27.5	393.5	37,200 *	38.3	421.0	40,900 *	320
330				21.5	370.9	34,200 *	34.2	407.1	38,600 *	330
340				13.1	337.5	30,700 *	29.5	390.6	36,200 *	340
350							24.0	370.2	33,400 *	350
360							16.8	342.4	30,300 *	360

16000 MAX-ER

ANSI B30.5



295.3 ft



255.9 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
105	73.2	548.9	52,800 *							105
110	72.1	547.3	51,800 *							110
115	70.9	545.5	50,700 *							115
120	69.7	543.7	49,600 *							120
125	68.5	541.7	48,500 *							125
130	67.3	539.6	47,300 *	71.0	544.1	52,200 *				130
135	66.0	537.4	46,100 *	69.8	542.2	52,100 *				135
140	64.8	535.1	44,900 *	68.6	540.3	51,900 *				140
145	63.5	532.6	43,700 *	67.4	538.2	51,700 *				145
150	62.3	530.0	42,500 *	66.1	536.0	50,900 *				150
155	61.0	527.2	41,300 *	64.9	533.6	49,900 *				155
160	59.7	524.3	40,100 *	63.7	531.2	48,900 *	67.5	535.9	50,500 *	160
165	58.4	521.2	38,900 *	62.4	528.6	47,800 *	66.2	533.7	50,500 *	165
170	57.1	518.0	37,800 *	61.1	525.8	46,700 *	65.0	531.3	50,400 *	170
175	55.7	514.6	36,600 *	59.8	522.9	45,600 *	63.7	528.9	50,300 *	175
180	54.3	511.0	35,500 *	58.5	519.9	44,400 *	62.5	526.3	50,200 *	180
185	52.9	507.3	34,500 *	57.2	516.6	43,300 *	61.2	523.5	50,000 *	185
190	51.5	503.3	33,400 *	55.8	513.3	42,200 *	59.9	520.7	49,800 *	190
195	50.0	499.1	32,400 *	54.5	509.7	41,100 *	58.6	517.6	48,900 *	195
200	48.6	494.7	31,500 *	53.1	506.0	40,000 *	57.3	514.4	47,900 *	200
205	47.0	490.1	30,600 *	51.6	502.0	38,900 *	55.9	511.0	46,900 *	205
210	45.5	485.2	29,700 *	50.2	497.9	37,800 *	54.6	507.5	45,800 *	210
215	43.9	480.1	28,800 *	48.7	493.5	36,800 *	53.2	503.8	44,800 *	215
220	42.2	474.6	28,000 *	47.2	488.9	35,800 *	51.7	499.9	43,800 *	220
225	40.5	468.8	27,300 *	45.6	484.0	34,800 *	50.3	495.7	42,700 *	225
230	38.7	462.6	26,600 *	44.0	478.9	33,800 *	48.8	491.4	41,700 *	230
235	36.9	456.0	25,900 *	42.4	473.5	32,900 *	47.3	486.8	40,700 *	235
240	34.9	449.0	25,300 *	40.6	467.7	32,100 *	45.7	481.9	39,600 *	240
250	30.7	433.1	24,200 *	37.0	455.0	30,400 *	42.5	471.4	37,700 *	250
260	25.9	414.1	23,300 *	33.1	440.4	29,000 *	39.0	459.5	35,900 *	260
270	20.0	389.8	22,800 *	28.6	423.3	27,800 *	35.2	446.0	34,100 *	270
280	11.5	352.9	22,700 *	23.4	402.3	26,800 *	31.1	430.4	32,600 *	280
290				16.7	374.0	26,200 *	26.3	411.7	31,300 *	290
300				1.7	308.1	26,000 *	20.6	388.0	30,200 *	300
310							12.4	352.8	27,700 *	310
320										320
330										330
340										340
350										350
360										360
370										370
380										380

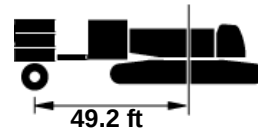


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



295.3 ft

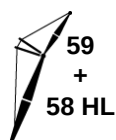


255.9 ft

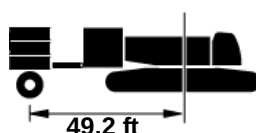
	75°			70°			65°			
ft	ft	ft	lb	ft	ft	lb	ft	ft	lb	ft
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175										175
180										180
185										185
190										190
195										195
200										200
205	62.5	520.5	47,100 *							205
210	61.3	517.8	47,100 *							210
215	60.0	514.9	47,100 *							215
220	58.7	511.9	47,100 *							220
225	57.3	508.7	47,100 *							225
230	56.0	505.3	47,100 *							230
235	54.6	501.8	47,100 *							235
240	53.2	498.1	47,100 *							240
250	50.3	490.0	47,100 *	57.2	500.4	43,600 *				250
260	47.3	481.1	46,100 *	54.5	493.5	43,600 *				260
270	44.2	471.2	43,900 *	51.7	485.8	43,600 *				270
280	40.8	460.1	41,500 *	48.7	477.3	43,600 *				280
290	37.2	447.5	39,200 *	45.7	467.9	43,100 *	52.8	478.7	39,900 *	290
300	33.3	433.0	36,800 *	42.4	457.3	41,000 *	49.9	470.5	39,900 *	300
310	28.9	416.0	34,200 *	38.9	445.4	38,800 *	46.9	461.5	39,900 *	310
320	23.7	395.3	31,600 *	35.2	431.9	36,600 *	43.7	451.4	38,900 *	320
330	17.1	367.6	28,700 *	31.0	416.2	34,200 *	40.3	440.0	36,600 *	330
340	4.6	312.4	25,000 *	26.2	397.4	31,600 *	36.6	427.2	34,500 *	340
350				20.4	373.6	28,900 *	32.6	412.4	32,500 *	350
360				12.2	338.1	25,700 *	28.1	394.9	30,600 *	360
370							22.8	373.4	28,200 *	370
380							15.9	344.0	25,300 *	380

16000 MAX-ER

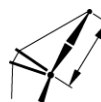
ANSI B30.5



332,000 lb
+
120,000 lb



295.3 ft



275.6 ft

	86°			83°			80°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
110	73.4	568.0	46,300 *							110
115	72.3	566.4	45,400 *							115
120	71.2	564.7	44,500 *							120
125	70.1	562.8	43,600 *							125
130	69.0	560.9	42,700 *							130
135	67.8	558.9	41,700 *							135
140	66.7	556.7	40,700 *	70.2	561.4	45,800 *				140
145	65.6	554.5	39,700 *	69.1	559.5	45,600 *				145
150	64.4	552.1	38,700 *	67.9	557.4	45,400 *				150
155	63.3	549.6	37,700 *	66.8	555.3	45,000 *				155
160	62.1	546.9	36,700 *	65.7	553.0	44,200 *				160
165	60.9	544.2	35,700 *	64.5	550.7	43,300 *				165
170	59.7	541.2	34,700 *	63.4	548.2	42,400 *	66.9	553.0	44,200 *	170
175	58.5	538.2	33,800 *	62.2	545.5	41,500 *	65.8	550.7	44,100 *	175
180	57.2	535.0	32,800 *	61.0	542.8	40,600 *	64.6	548.4	44,100 *	180
185	56.0	531.6	31,900 *	59.8	539.9	39,700 *	63.4	545.9	44,000 *	185
190	54.7	528.1	30,900 *	58.6	536.8	38,800 *	62.3	543.3	43,900 *	190
195	53.4	524.4	30,100 *	57.3	533.6	37,800 *	61.1	540.5	43,700 *	195
200	52.1	520.5	29,200 *	56.1	530.3	36,900 *	59.9	537.6	43,500 *	200
205	50.8	516.5	28,300 *	54.8	526.8	36,000 *	58.7	534.6	42,700 *	205
210	49.4	512.2	27,500 *	53.5	523.1	35,100 *	57.4	531.4	41,900 *	210
215	48.0	507.7	26,800 *	52.2	519.2	34,200 *	56.2	528.1	41,100 *	215
220	46.6	503.0	26,000 *	50.9	515.2	33,300 *	54.9	524.6	40,300 *	220
225	45.1	498.1	25,300 *	49.5	510.9	32,400 *	53.6	520.9	39,400 *	225
230	43.6	492.9	24,600 *	48.1	506.5	31,600 *	52.3	517.0	38,600 *	230
235	42.1	487.4	23,900 *	46.7	501.8	30,700 *	51.0	513.0	37,700 *	235
240	40.5	481.5	23,300 *	45.2	496.9	29,900 *	49.6	508.8	36,900 *	240
250	37.1	468.9	22,200 *	42.2	486.2	28,400 *	46.8	499.7	35,200 *	250
260	33.5	454.5	21,200 *	39.0	474.3	27,000 *	43.9	489.6	33,500 *	260
270	29.4	437.7	20,300 *	35.5	460.9	25,700 *	40.7	478.4	32,000 *	270
280	24.8	417.7	19,700 *	31.7	445.5	24,600 *	37.4	465.8	30,500 *	280
290	19.1	392.2	19,400 *	27.4	427.5	23,700 *	33.8	451.6	29,200 *	290
300	10.7	353.0	19,400 *	22.4	405.4	22,900 *	29.8	435.1	27,900 *	300
310				15.8	375.6	22,600 *	25.2	415.4	26,900 *	310
320							19.6	390.4	25,500 *	320
330							11.6	353.2	22,700 *	330
340										340
350										350
360										360
370										370
380										380
390										390
400										400

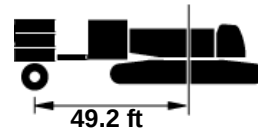


ANSI B30.5

16000 MAX-ER



332,000 lb
+
120,000 lb



335,400 lb



295.3 ft



275.6 ft

	75°			70°			65°			
ft	o	ft	lb	o	ft	lb	o	ft	lb	ft
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175										175
180										180
185										185
190										190
195										195
200										200
205										205
210										210
215	62.3	537.5	40,900 *							215
220	61.1	534.8	40,900 *							220
225	59.9	531.9	40,900 *							225
230	58.7	528.9	40,900 *							230
235	57.5	525.7	40,900 *							235
240	56.2	522.3	40,900 *							240
250	53.7	515.2	40,900 *							250
260	51.0	507.3	40,900 *	57.4	517.4	37,500 *				260
270	48.3	498.7	40,900 *	54.9	510.5	37,500 *				270
280	45.4	489.1	39,200 *	52.3	503.0	37,500 *				280
290	42.4	478.5	37,200 *	49.6	494.7	37,500 *				290
300	39.2	466.7	35,100 *	46.8	485.6	37,500 *				300
310	35.7	453.4	33,100 *	43.8	475.5	36,600 *	50.6	487.9	34,500 *	310
320	31.9	438.2	30,900 *	40.7	464.3	34,700 *	47.8	479.1	34,500 *	320
330	27.7	420.3	28,600 *	37.3	451.7	32,800 *	45.0	469.4	34,100 *	330
340	22.7	398.5	26,200 *	33.7	437.4	30,700 *	41.9	458.6	32,000 *	340
350	16.3	369.3	23,600 *	29.7	420.9	28,600 *	38.6	446.6	30,000 *	350
360	3.2	307.5	20,100 *	25.1	401.1	26,300 *	35.1	433.0	28,200 *	360
370				19.5	376.1	23,800 *	31.3	417.4	26,400 *	370
380				11.4	338.5	20,800 *	26.9	399.0	24,700 *	380
390							21.8	376.4	23,000 *	390
400							15.0	345.3	20,500 *	400