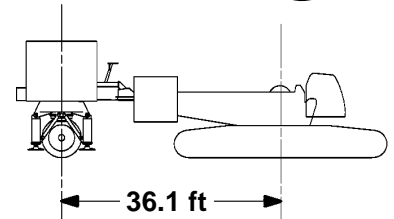


Liftcrane Luffing Jib Capacities

**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 36.1 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 ($^{\circ}$) is angle between horizontal and centerline of boom butt and inserts.

LUFFING JIB ANGLE: Luffing jib angle in degrees ($^{\circ}$) 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.

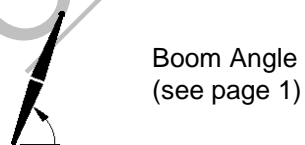
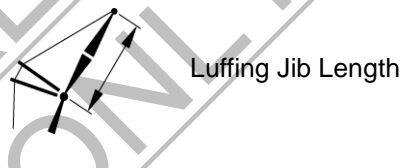
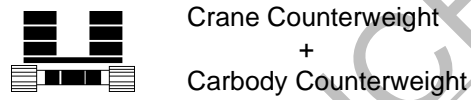
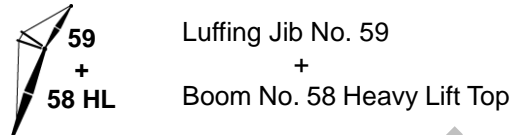
MACHINE EQUIPMENT: Machine equipped with MAX-ER, 34 ft crawlers, 60 in. treads, 32 ft live mast, 98.4 ft mast, 12 part boom hoist reeving, boom support straps, 17 part luffing jib hoist reeving, luffing jib and backstay support straps, 332,000 lb crane counterweight, two 30,000 lb and four 15,000 lb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



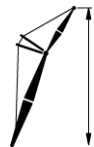
Explanation of Symbols (continued)



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

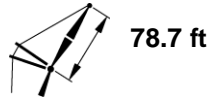
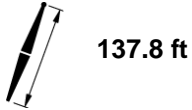
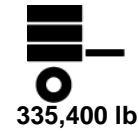
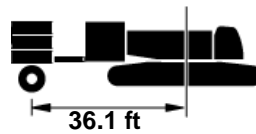
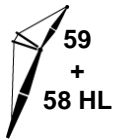


Wheeled Counterweight
Position from Axis of
Rotation

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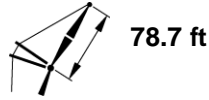
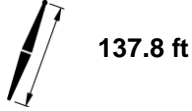
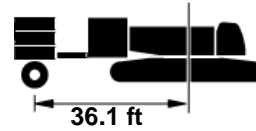
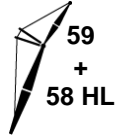


	86°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
45			408,900 *c							45
50	71.6	221.4	364,900 *b							50
55	67.7	219.4	328,000 *b	69.5	219.5	402,300 *b				55
60	63.6	216.9	298,500 *b	65.5	217.2	387,800 *b				60
65	59.4	214.0	274,700 *	61.3	214.5	355,400 *b	67.2	217.0	395,300 *b	65
70	55.0	210.5								
75	50.3	206.4	255,100 *	57.0	211.3	322,600 *	63.2	214.5	382,200 *b	70
80	45.2	201.6	239,000 *	52.4	207.5	296,300 *	58.9	211.5	362,100 *b	75
85	39.6	195.7	225,800 *	47.5	203.0	274,900 *	54.5	208.0	339,100 *	80
90	33.2	188.5	215,300 *	42.2	197.7	257,300 *	49.7	203.9	316,000 *	85
95	25.3	178.8	207,800 *	36.2	191.1	243,000 *	44.6	198.9	286,100 *	90
100			172,900 *	29.1	182.7	230,100 *	38.9	192.9	260,900 *	95
105				19.6	170.6	204,500 *	32.4	185.4	239,200 *	100
110							24.2	175.4	220,200 *	105
115							10.6	157.4	181,600 *	110
120										115
125										120
130										125
135										130
140										135
145										140
										145



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16000 MAX-ER



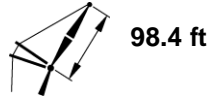
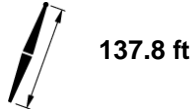
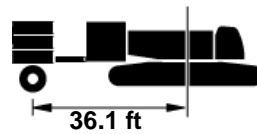
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
45										45
50										50
55										55
60										60
65										65
70										70
75										75
80										80
85	60.5	209.8	311,200 *b							85
90	56.1	206.5	293,500 *							90
95	51.5	202.6	277,200 *							95
100	46.5	197.9	262,200 *	57.5	203.6	255,600 *				100
105	41.1	192.3	248,700 *	52.9	199.9	242,500 *				105
110	34.9	185.5	236,400 *	48.1	195.5	230,500 *				110
115	27.5	176.6	225,200 *	42.8	190.2	219,600 *				115
120	17.0	163.1	209,800 *	36.9	183.8	209,600 *	49.2	191.7	204,400 *	120
125				29.9	175.7	200,400 *	44.0	186.6	195,400 *	125
130				20.8	164.1	191,500	38.3	180.5	186,400	130
135							31.6	172.8	178,100	135
140							23.1	162.3	170,400	140
145							7.4	141.3	162,900	145

16000 MAX-ER

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332,000 lb
+
120,000 lb



	86°			83°			80°			
	ft	ft	lb	ft	lb	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	317,800 *	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

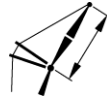


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16000 MAX-ER



137.8 ft



98.4 ft

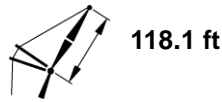
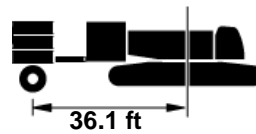
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
50										50
55										55
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95	60.3	226.7	276,100 *							95
100	56.8	223.5	261,200 *							100
105	53.2	219.8	247,800 *							105
110	49.4	215.6	235,600 *	57.9	220.6	229,400 *				110
115	45.3	210.7	224,500 *	54.3	217.1	218,500 *				115
120	40.9	205.1	214,300 *	50.5	213.0	208,600 *				120
125	36.1	198.4	200,700 *	46.6	208.4	199,500 *				125
130	30.6	190.4	187,200 *	42.3	203.0	190,900	51.4	209.1	185,400	130
135	23.9	180.0	175,000 *	37.6	196.7	182,500	47.5	204.6	177,200	135
140	14.2	164.2	162,400 *	32.3	189.1	174,600	43.3	199.4	169,700	140
145				26.1	179.6	167,400	38.7	193.3	162,600	145
150				17.7	166.1	160,500	33.6	186.1	156,100	150
155							27.6	177.1	150,000	155
160							19.9	164.9	144,200	160
165							3.1	136.5	138,500	165

16000 MAX-ER

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332,000 lb
+
120,000 lb

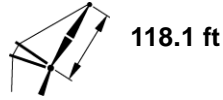
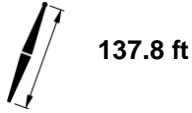


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
55									55	
60									60	
65									65	
70				68.8	255.9	308,300 *			70	
75				66.2	253.7	299,500 *			75	
80				63.5	251.2	290,400 *	67.4	253.4	304,400 *	80
85				60.7	248.4	266,400 *	64.7	251.1	296,400 *	85
90				57.8	245.3	246,800 *	61.9	248.4	288,800 *	90
95				54.9	241.8	230,100 *	59.1	245.5	268,300 *	95
100				51.8	237.9	216,300 *	56.2	242.1	246,600 *	100
105				48.6	233.6	204,600 *	53.2	238.4	227,800 *	105
110				45.2	228.7	190,900 *	50.0	234.3	211,500 *	110
115				41.6	223.1	178,700 *	46.7	229.6	197,100 *	115
120				37.7	216.8	167,800 *	43.2	224.4	184,300 *	120
125				33.4	209.5	157,900 *	39.4	218.5	172,800 *	125
130				28.5	200.7	148,800 *	35.3	211.6	162,500 *	130
135				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



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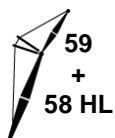
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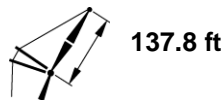
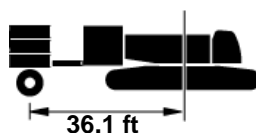
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
55										55
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100	62.9	246.6	259,500 *							100
105	60.1	243.7	246,100 *							105
110	57.3	240.5	234,000 *							110
115	54.3	236.9	222,900 *							115
120	51.2	232.9	212,800 *							120
125	47.9	228.5	202,600 *	55.2	234.1	197,800 *				125
130	44.5	223.5	189,300 *	52.1	230.3	189,400				130
135	40.8	217.8	177,400 *	48.9	226.0	181,100				135
140	36.9	211.3	166,600 *	45.6	221.2	173,300	52.8	226.3	168,000	140
145	32.4	203.7	156,900 *	42.0	215.7	166,100	49.7	222.1	161,100	145
150	27.4	194.6	148,000 *	38.1	209.5	159,500	46.3	217.4	154,600	150
155	21.2	182.8	139,700 *	33.8	202.3	153,200	42.8	212.1	148,600	155
160	12.0	164.6	129,400 *	29.0	193.7	147,400	39.0	206.1	143,000	160
165				23.2	182.9	141,900	34.8	199.1	137,700	165
170				15.4	167.6	134,700 *	30.2	190.9	132,800	170
175							24.7	180.7	128,100	175
180							17.5	166.8	123,600	180

16000 MAX-ER

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332,000 lb
+
120,000 lb

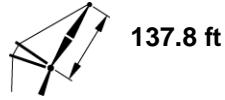
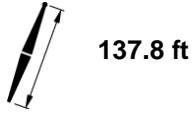


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
60	73.2	278.7	285,600 *b						60	
65	71.0	277.0	277,600 *						65	
70	68.8	275.0	259,300 *						70	
75	66.5	272.9	238,700 *	69.8	275.1	275,800 *			75	
80	64.2	270.5	221,400 *	67.5	273.0	268,800 *			80	
85	61.8	267.8	206,800 *	65.2	270.7	262,100 *			85	
90	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



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16000 MAX-ER



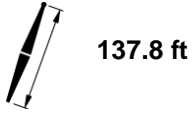
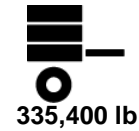
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft		
60									60	
65									65	
70									70	
75									75	
80									80	
85									85	
90									90	
95									95	
100									100	
105									105	
110	62.4	263.5	232,700 *						110	
115	60.0	260.6	221,600 *						115	
120	57.6	257.5	211,500 *						120	
125	55.1	254.0	202,300 *						125	
130	52.4	250.2	189,700 *						130	
135	49.7	246.0	177,800 *	55.8	251.2	179,800			135	
140	46.9	241.4	167,200 *	53.2	247.5	172,100			140	
145	43.9	236.3	157,600 *	50.6	243.4	165,000			145	
150	40.8	230.6	148,800 *	47.8	238.9	158,400			150	
155	37.4	224.2	140,800 *	44.8	234.0	152,200	51.2	239.5	147,400	155
160	33.7	216.9	133,500 *	41.7	228.4	146,400	48.4	235.1	141,800	160
165	29.6	208.4	126,700 *	38.4	222.3	141,000	45.5	230.2	136,600	165
170	24.9	198.3	120,400 *	34.9	215.3	136,000	42.5	224.9	131,700	170
175	19.1	185.2	114,400 *	30.9	207.2	129,200 *	39.2	218.9	127,100	175
180	10.2	164.5	105,600 *	26.4	197.7	122,700 *	35.7	212.1	122,700	180
185				21.0	185.7	116,700 *	31.8	204.3	118,600	185
190				13.6	168.5	110,800 *	27.5	195.1	114,700	190
195							22.4	183.8	111,000	195
200							15.6	168.3	107,400	200

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



	86°			83°			80°			
	ft	ft	lb	ft	lb	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

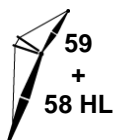
16000 MAX-ER



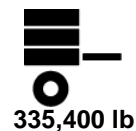
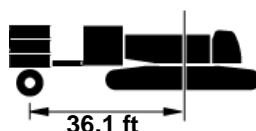
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120	62.1	280.5	209,800 *							120
125	60.0	277.6	200,600 *							125
130	57.8	274.5	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	163,400				145
150	48.6	259.0	148,600 *	54.1	264.6	156,800				150
155	46.1	254.2	140,700 *	51.7	260.7	150,600				155
160	43.5	249.0	133,400 *	49.4	256.5	144,900				160
165	40.7	243.3	126,700 *	46.9	251.8	139,500	52.3	256.7	134,900	165
170	37.8	237.0	120,500 *	44.3	246.7	134,500	49.9	252.6	130,000	170
175	34.6	229.9	114,800 *	41.6	241.2	129,000 *	47.4	248.0	125,500	175
180	31.2	221.9	109,400 *	38.7	235.1	122,700 *	44.9	243.1	121,200	180
185	27.4	212.6	104,400 *	35.6	228.2	116,900 *	42.2	237.6	117,100	185
190	22.9	201.5	99,700 *	32.3	220.5	111,400 *	39.3	231.6	113,300	190
195	17.4	187.1	95,100 *	28.6	211.7	106,300 *	36.3	224.9	109,600	195
200	8.7	163.8	87,200 *	24.3	201.2	101,500 *	33.0	217.5	106,200	200
205				19.2	188.1	96,900 *	29.4	208.9	102,900	205
210				12.1	169.0	92,400 *	25.4	198.9	99,800	210
215							20.5	186.5	96,700	215
220							14.0	169.4	93,800 *	220

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



	86°			83°			80°			
	ft	ft	lb	ft	lb	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



137.8 ft



177.2 ft

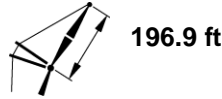
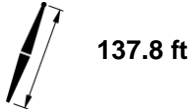
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130	61.8	297.4	178,200 *							130
135	59.9	294.5	176,700 *							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	149,300				155
160	49.9	276.4	133,100 *	54.7	281.7	143,600				160
165	47.7	271.9	126,400 *	52.6	277.9	138,300				165
170	45.5	267.1	120,200 *	50.6	273.8	133,300				170
175	43.1	261.8	114,500 *	48.4	269.4	128,600				175
180	40.7	256.1	109,200 *	46.2	264.7	122,400 *	51.0	269.9	119,900	180
185	38.1	249.8	104,300 *	43.9	259.5	116,500 *	48.9	265.6	115,800	185
190	35.3	242.9	99,600 *	41.4	253.9	111,100 *	46.7	260.9	112,000	190
195	32.3	235.2	95,300 *	38.9	247.8	106,100 *	44.4	255.8	108,400	195
200	29.1	226.5	91,200 *	36.2	241.1	101,400 *	42.0	250.4	105,000	200
205	25.5	216.4	87,300 *	33.3	233.7	96,900 *	39.5	244.4	101,700	205
210	21.2	204.4	83,600 *	30.1	225.3	92,800 *	36.8	237.8	98,600	210
215	15.9	188.7	80,000 *	26.6	215.7	88,800 *	33.9	230.5	95,700	215
220	7.3	162.5	72,700 *	22.6	204.4	85,100 *	30.9	222.4	92,900	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



	86°			83°			80°			
	ft	ft	lb	ft	lb	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

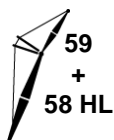
16000 MAX-ER



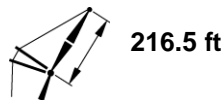
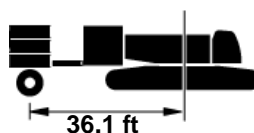
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft		
75									75	
80									80	
85									85	
90									90	
95									95	
100									100	
105									105	
110									110	
115									115	
120									120	
125									125	
130									130	
135									135	
140	61.5	314.4	145,600 *						140	
145	59.9	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	127,000			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	110,300	190
195	40.6	268.8	94,300 *	45.6	277.5	104,900 *	50.0	283.0	106,800	195
200	38.3	262.6	90,300 *	43.5	272.3	100,300 *	48.1	278.5	103,400	200
205	35.9	255.8	86,500 *	41.3	266.7	95,900 *	46.1	273.7	100,100	205
210	33.2	248.3	82,900 *	39.0	260.6	91,800 *	44.0	268.6	97,100	210
215	30.4	240.0	79,600 *	36.6	254.0	87,900 *	41.8	263.1	94,100	215
220	27.3	230.6	76,300 *	34.1	246.7	84,300 *	39.6	257.1	91,400	220
225	23.9	219.9	73,300 *	31.3	238.7	80,900 *	37.2	250.6	88,700	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



332,000 lb
+
120,000 lb



	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
80									80	
85									85	
90									90	
95									95	
100				70.4	349.8	140,900 *			100	
105				69.0	347.9	140,400 *			105	
110				67.6	345.8	140,000 *			110	
115				66.1	343.6	139,500 *			115	
120				64.6	341.2	138,900 *	66.7	343.4	133,500 *	120
125				63.2	338.7	138,300 *	65.3	341.1	133,400 *	125
130				61.7	336.0	137,800 *	63.8	338.6	133,300 *	130
135				60.1	333.2	134,300 *	62.3	336.0	133,100 *	135
140				58.6	330.1	129,300 *	60.8	333.2	132,900 *	140
145				57.0	326.9	122,900 *	59.3	330.2	132,600 *	145
150				55.4	323.5	117,000 *	57.7	327.1	125,900 *	150
155				53.8	319.8	111,500 *	56.1	323.8	119,800 *	155
160				52.1	316.0	106,400 *	54.5	320.2	114,100 *	160
165				50.4	311.8	101,700 *	52.8	316.4	108,900 *	165
170				48.6	307.5	97,100 *	51.1	312.4	104,000 *	170
175				46.8	302.8	92,800 *	49.4	308.2	99,300 *	175
180				45.0	297.8	88,800 *	47.6	303.6	94,900 *	180
185				43.0	292.5	85,000 *	45.8	298.8	90,700 *	185
190				41.0	286.9	81,500 *	43.9	293.7	86,900 *	190
195				38.9	280.7	78,100 *	41.9	288.2	83,200 *	195
200				36.7	274.1	75,000 *	39.9	282.2	79,800 *	200
205				34.4	267.0	72,000 *	37.7	275.9	76,500 *	205
210				32.0	259.1	69,100 *	35.5	269.0	73,500 *	210
215				29.3	250.5	66,400 *	33.1	261.4	70,500 *	215
220				26.4	240.7	63,800 *	30.5	253.1	67,800 *	220
225				23.2	229.6	61,300 *	27.7	243.9	65,100 *	225
230				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

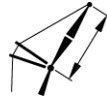


ANSI B30.5

16000 MAX-ER



137.8 ft

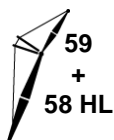


216.5 ft

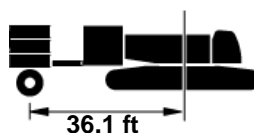
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft		
80									80	
85									85	
90									90	
95									95	
100									100	
105									105	
110									110	
115									115	
120									120	
125									125	
130									130	
135									135	
140									140	
145	62.9	334.1	121,200 *						145	
150	61.4	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	98,500	205
210	40.6	281.5	81,300 *	45.2	290.3	89,900 *	49.2	296.0	95,400	210
215	38.5	275.4	78,000 *	43.2	285.1	86,200 *	47.4	291.5	92,500	215
220	36.3	268.6	74,900 *	41.2	279.4	82,600 *	45.6	286.6	89,800	220
225	34.0	261.4	71,900 *	39.2	273.4	79,200 *	43.7	281.4	87,100	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



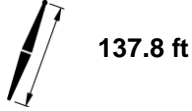
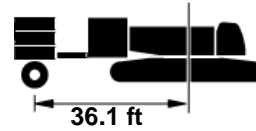
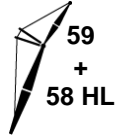
236.2 ft

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



ANSI B30.5

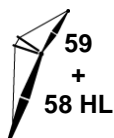
16000 MAX-ER



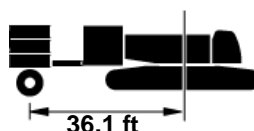
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft		
90									90	
95									95	
100									100	
105									105	
110									110	
115									115	
120									120	
125									125	
130									130	
135									135	
140									140	
145									145	
150									150	
155	62.6	351.1	101,300 *						155	
160	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

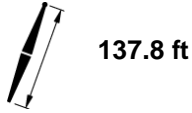


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
95	73.0	391.5	103,500 *						95	
100	71.8	389.9	102,800 *						100	
105	70.6	388.1	102,000 *						105	
110	69.4	386.2	101,200 *						110	
115	68.2	384.2	100,500 *	70.0	386.2	98,800 *			115	
120	67.0	382.1	99,700 *	68.8	384.3	98,300 *			120	
125	65.8	379.9	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

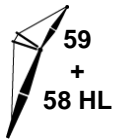
16000 MAX-ER



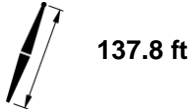
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft		
95									95	
100									100	
105									105	
110									110	
115									115	
120									120	
125									125	
130									130	
135									135	
140									140	
145									145	
150									150	
155									155	
160									160	
165	62.3	368.0	85,000 *						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



332,000 lb
+
120,000 lb

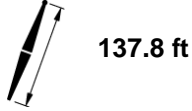


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
100	73.2	410.6	87,600 *						100	
105	72.1	408.9	86,900 *						105	
110	71.0	407.2	86,100 *						110	
115	69.9	405.4	85,400 *						115	
120	68.7	403.4	84,600 *	70.4	405.4	83,400 *			120	
125	67.6	401.4	83,900 *	69.3	403.5	82,800 *			125	
130	66.5	399.2	83,100 *	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

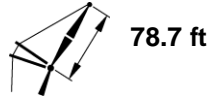
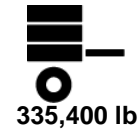
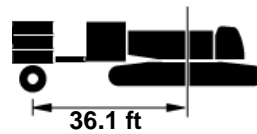
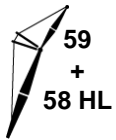
16000 MAX-ER



	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
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

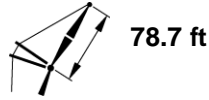
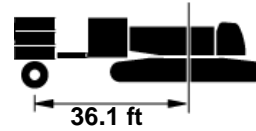
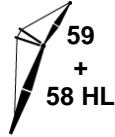


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
45			387,800 *c						45	
50			356,800 *b						50	
55			321,700 *b						55	
60			293,600 *b	67.4	237.9	371,000 *b			60	
65			270,700 *	63.3	235.4	355,800 *b			65	
70	51.6	227.3	251,800 *	59.1	232.4	323,100 *b	66.0	235.7	368,900 *b	70
75	46.7	222.6	236,200 *	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	336,300 *b	80
85	35.1	210.3	213,300 *	44.8	219.9	258,000 *	53.0	226.2	316,100 *	85
90	27.7	201.4	206,000 *	39.2	214.0	243,700 *	48.2	221.8	298,200 *	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

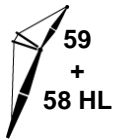
16000 MAX-ER



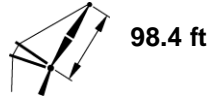
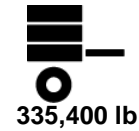
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
45										45
50										50
55										55
60										60
65										65
70										70
75										75
80										80
85										85
90	60.6	228.9	289,700 *b							90
95	56.2	225.6	273,600 *b							95
100	51.6	221.6	258,900 *							100
105	46.6	217.0	245,600 *							105
110	41.2	211.5	233,400 *	54.5	219.8	226,400 *				110
115	35.0	204.6	222,400 *	49.8	215.6	215,700 *				115
120	27.6	195.8	212,200 *	44.7	210.7	205,900 *				120
125	17.3	182.4	202,700 *	39.0	204.7	196,900 *	52.4	212.4	190,900 *	125
130				32.5	197.2	188,400	47.5	207.9	182,200	130
135				24.3	187.2	179,900	42.2	202.5	174,100	135
140				10.9	169.4	171,900	36.2	196.0	166,700	140
145							29.0	187.6	159,700	145
150							19.5	175.4	153,100	150

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

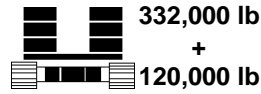
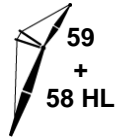


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
50	73.2	260.6	343,200 *c						50	
55	70.1	258.8	322,900 *b						55	
60	66.9	256.7	293,100 *b						60	
65	63.7	254.3	268,800 *b	69.0	257.2	330,800 *b			65	
70	60.4	251.4	248,600 *	65.8	254.9	319,900 *b			70	
75	56.9	248.2	231,700 *	62.6	252.4	303,500 *	67.9	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	297,100 *	90
95	41.0	229.9	186,300 *	48.1	237.7	227,900 *	54.4	243.3	281,100 *	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



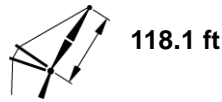
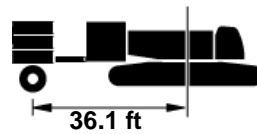
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft		
50									50	
55									55	
60									60	
65									65	
70									70	
75									75	
80									80	
85									85	
90									90	
95									95	
100	60.3	245.8	257,700 *						100	
105	56.9	242.6	244,500 *						105	
110	53.3	238.9	232,400 *						110	
115	49.4	234.7	221,500 *						115	
120	45.4	229.8	211,400 *	55.5	236.9	204,800 *			120	
125	41.0	224.2	202,200 *	51.9	233.0	195,800 *			125	
130	36.2	217.6	193,600 *	48.0	228.5	187,500			130	
135	30.7	209.6	185,500	43.8	223.4	179,200			135	
140	24.0	199.2	175,500 *	39.3	217.5	171,600	50.1	225.5	165,600	
145	14.4	183.6	164,000 *	34.2	210.4	164,400	46.1	220.7	158,800	
150				28.4	201.7	157,800	41.8	215.3	152,400	
155				21.0	190.0	151,600	37.1	208.9	146,500	
160				8.1	168.4	145,500	31.7	201.1	140,900	
165							25.3	191.3	135,700	
170							16.5	177.1	130,700	

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

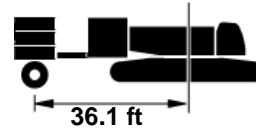
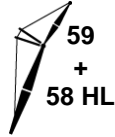


	86°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
55										55
60										60
65										65
70				70.1	276.4	296,600 *b				70
75				67.5	274.3	287,900 *				75
80				64.8	272.0	279,500 *				80
85				62.0	269.3	264,500 *	66.5	272.1	287,600 *	85
90				59.2	266.4	245,400 *	63.8	269.7	279,900 *	90
95				56.3	263.1	229,300 *	61.0	266.9	272,500 *	95
100				53.3	259.4	215,700 *	58.2	263.8	261,100 *	100
105				50.2	255.2	204,000 *	55.3	260.4	240,400 *	105
110				46.9	250.6	193,900 *	52.2	256.6	222,400 *	110
115				43.4	245.4	184,400 *	49.0	252.3	206,700 *	115
120				39.6	239.5	172,900 *	45.6	247.4	192,900 *	120
125				35.5	232.7	162,500 *	42.0	242.0	180,500 *	125
130				30.9	224.7	153,000 *	38.2	235.8	169,400 *	130
135				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



157.5 ft

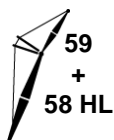


118.1 ft

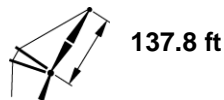
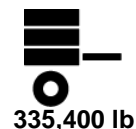
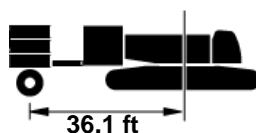
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
55										55
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105	63.0	265.6	242,700 *							105
110	60.2	262.8	230,700 *							110
115	57.3	259.6	219,800 *							115
120	54.3	256.0	209,800 *							120
125	51.2	252.1	200,600 *							125
130	48.0	247.6	192,100 *	56.2	253.9	185,800 *				130
135	44.6	242.6	184,300	53.2	250.2	177,600				135
140	40.9	236.9	176,400	50.1	246.0	170,000				140
145	36.9	230.5	166,800 *	46.7	241.4	163,000				145
150	32.5	222.9	157,100 *	43.2	236.2	156,500	51.8	242.8	150,700	150
155	27.5	213.8	148,200 *	39.5	230.2	150,400	48.6	238.4	144,900	155
160	21.3	202.1	139,900 *	35.4	223.4	144,700	45.2	233.6	139,400	160
165	12.3	184.1	130,700 *	30.8	215.3	139,300	41.6	228.0	134,300	165
170				25.4	205.4	134,300	37.6	221.7	129,400	170
175				18.5	192.2	129,500	33.3	214.4	124,900	175
180				5.5	165.9	124,800	28.4	205.6	120,600	180
185							22.5	194.4	116,500	185
190							14.3	178.2	112,600	190

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



	86°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
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

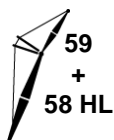
16000 MAX-ER



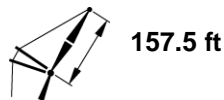
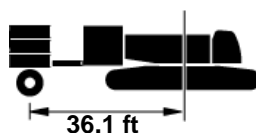
ft	75°			70°			65°			ft
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115	62.5	282.6	218,500 *							115
120	60.1	279.7	208,500 *							120
125	57.6	276.6	199,300 *							125
130	55.1	273.1	190,900 *							130
135	52.5	269.3	183,100 *							135
140	49.8	265.1	175,300	56.7	270.9	168,800				140
145	46.9	260.5	167,700 *	54.1	267.3	161,800				145
150	44.0	255.4	158,100 *	51.5	263.4	155,300				150
155	40.8	249.7	149,300 *	48.7	259.0	149,200				155
160	37.5	243.3	141,300 *	45.9	254.2	143,600	52.9	260.0	138,100	160
165	33.8	236.0	133,900 *	42.8	248.9	138,300	50.3	255.9	133,000	165
170	29.7	227.6	127,100 *	39.6	243.0	133,300	47.4	251.4	128,200	170
175	25.0	217.5	120,700 *	36.1	236.3	128,600	44.5	246.3	123,700	175
180	19.2	204.5	114,700 *	32.3	228.7	124,200	41.4	240.8	119,500	180
185	10.5	184.1	106,800 *	28.1	219.7	120,100	38.1	234.5	115,500	185
190				23.0	208.7	116,100	34.4	227.4	111,700	190
195				16.6	193.9	112,300	30.5	219.2	108,100	195
200							25.9	209.4	104,700	200
205							20.3	197.1	101,400	205
210							12.5	178.8	98,300	210

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

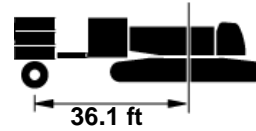
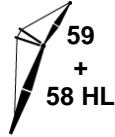


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
65	74.0	317.8	234,700 *						65	
70	72.1	316.2	227,500 *						70	
75	70.1	314.4	219,500 *						75	
80	68.2	312.4	210,900 *						80	
85	66.2	310.2	201,700 *	69.5	312.8	229,400 *			85	
90	64.2	307.8	190,000 *	67.5	310.7	228,600 *			90	
95	62.1	305.2	178,900 *	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

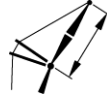


ANSI B30.5

16000 MAX-ER



157.5 ft

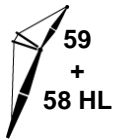


157.5 ft

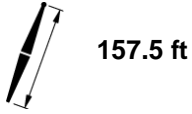
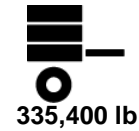
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125	62.1	299.5	197,600 *							125
130	60.0	296.7	189,200 *							130
135	57.9	293.5	181,400 *							135
140	55.7	290.1	173,700							140
145	53.4	286.5	166,500							145
150	51.1	282.5	157,500 *	57.1	287.9	153,600				150
155	48.7	278.1	148,800 *	54.8	284.4	147,500				155
160	46.2	273.4	140,800 *	52.5	280.6	141,900				160
165	43.5	268.1	133,500 *	50.2	276.5	136,700				165
170	40.8	262.4	126,800 *	47.7	272.0	131,700				170
175	37.8	256.1	120,600 *	45.2	267.1	127,100	51.5	273.2	122,000	175
180	34.7	249.1	114,900 *	42.5	261.7	122,800	49.1	268.9	117,800	180
185	31.3	241.1	109,500 *	39.7	255.8	118,600	46.6	264.2	113,900	185
190	27.4	231.8	104,500 *	36.7	249.2	114,800	44.0	259.1	110,100	190
195	23.0	220.7	99,700 *	33.5	241.8	111,100	41.3	253.5	106,600	195
200	17.5	206.5	95,200 *	29.9	233.4	107,600	38.4	247.3	103,200	200
205	8.9	183.5	88,100 *	25.9	223.6	103,100 *	35.2	240.4	100,000	205
210				21.1	211.5	98,400 *	31.9	232.6	97,000	210
215				15.0	195.3	93,900 *	28.1	223.6	94,100	215
220							23.8	212.9	91,300	220
225							18.6	199.3	88,600	225
230							11.0	179.0	86,000	230

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

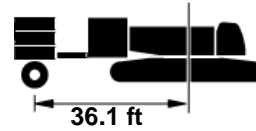
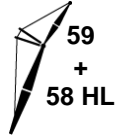


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
75									75	
80									80	
85									85	
90				70.1	332.0	189,000 *			90	
95				68.4	330.0	189,000 *			95	
100	63.7	324.8	162,000 *	66.6	327.8	189,000 *			100	
105	61.8	322.1	154,900 *	64.8	325.5	188,800 *	67.8	327.8	180,300 *	105
110	60.0	319.2	147,700 *	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



157.5 ft



177.2 ft

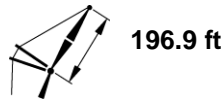
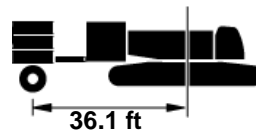
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135	61.8	316.5	165,600 *							135
140	59.9	313.6	165,600 *							140
145	58.0	310.5	165,200							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	140,600				160
165	50.0	295.5	133,200 *	55.4	301.5	135,300				165
170	47.8	291.0	126,500 *	53.4	297.8	130,400				170
175	45.5	286.2	120,300 *	51.3	293.8	125,800				175
180	43.2	280.9	114,600 *	49.2	289.5	121,500				180
185	40.7	275.2	109,300 *	47.0	284.9	117,400	52.4	290.4	112,500	185
190	38.1	268.9	104,400 *	44.7	279.9	113,500	50.3	286.3	108,800	190
195	35.4	262.0	99,700 *	42.3	274.4	109,900	48.2	281.9	105,300	195
200	32.4	254.3	95,400 *	39.8	268.5	106,400	45.9	277.1	101,900	200
205	29.2	245.6	91,300 *	37.1	262.0	102,900 *	43.6	271.9	98,800	205
210	25.5	235.6	87,400 *	34.3	254.9	98,400 *	41.2	266.2	95,800	210
215	21.3	223.6	83,700 *	31.2	246.8	94,200 *	38.6	260.1	92,900	215
220	16.1	208.1	80,100 *	27.9	237.7	90,200 *	35.9	253.3	90,200	220
225	7.6	182.3	73,600 *	24.1	227.1	86,400 *	32.9	245.7	87,500	225
230				19.6	214.0	82,700 *	29.7	237.3	85,000	230
235				13.6	196.2	79,200 *	26.2	227.5	82,600	235
240							22.1	215.9	80,300	240
250							9.6	178.7	75,900	250

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

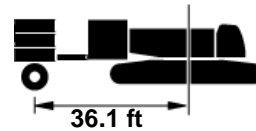
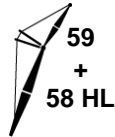


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
80									80	
85									85	
90									90	
95				70.7	351.1	156,900 *			95	
100				69.1	349.2	156,900 *			100	
105				67.5	347.1	156,800 *			105	
110				65.9	344.9	156,600 *			110	
115				64.3	342.5	156,400 *	67.0	345.0	149,400 *	115
120				62.7	339.9	153,300 *	65.4	342.7	149,400 *	120
125				61.0	337.1	148,100 *	63.7	340.2	149,400 *	125
130				59.3	334.2	142,800 *	62.1	337.6	149,400 *	130
135				57.6	331.0	137,600 *	60.4	334.7	146,800 *	135
140				55.8	327.7	132,600 *	58.7	331.7	141,700 *	140
145				54.1	324.0	127,700 *	57.0	328.5	136,700 *	145
150				52.2	320.2	122,700 *	55.2	325.0	131,700 *	150
155				50.3	316.1	116,700 *	53.4	321.3	126,800 *	155
160				48.4	311.7	111,200 *	51.5	317.4	120,700 *	160
165				46.4	307.0	106,000 *	49.6	313.1	114,900 *	165
170				44.3	301.9	101,200 *	47.7	308.6	109,500 *	170
175				42.2	296.4	96,700 *	45.7	303.8	104,400 *	175
180				39.9	290.5	92,500 *	43.6	298.6	99,700 *	180
185				37.5	284.1	88,500 *	41.4	293.0	95,400 *	185
190				35.0	277.1	84,800 *	39.1	286.9	91,300 *	190
195				32.4	269.4	81,300 *	36.7	280.3	87,400 *	195
200				29.5	260.8	78,000 *	34.1	273.0	83,700 *	200
205				26.3	251.0	74,800 *	31.4	265.0	80,300 *	205
210				22.7	239.6	71,700 *	28.4	256.1	77,000 *	210
215				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

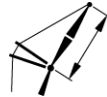


ANSI B30.5

16000 MAX-ER



157.5 ft

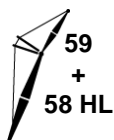


196.9 ft

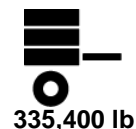
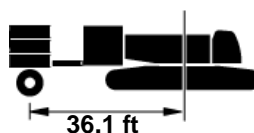
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145	61.6	333.5	136,500 *							145
150	59.9	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	119,800				180
185	47.1	304.0	108,200 *	52.2	311.0	115,800				185
190	45.0	299.0	103,300 *	50.3	306.9	111,900				190
195	42.9	293.7	98,700 *	48.3	302.5	108,300				195
200	40.7	287.9	94,400 *	46.3	297.7	104,900	51.3	303.6	100,200	200
205	38.4	281.7	90,400 *	44.2	292.6	101,600	49.4	299.4	97,100	205
210	35.9	274.9	86,600 *	42.1	287.2	97,400 *	47.4	294.8	94,100	210
215	33.3	267.5	83,000 *	39.8	281.3	93,200 *	45.4	289.9	91,300	215
220	30.5	259.2	79,600 *	37.5	274.8	89,200 *	43.3	284.7	88,600	220
225	27.4	249.9	76,400 *	35.0	267.8	85,500 *	41.1	279.0	86,000	225
230	23.9	239.1	73,300 *	32.3	260.1	82,000 *	38.8	272.9	83,500	230
235	19.9	226.2	70,400 *	29.4	251.4	78,700 *	36.3	266.2	81,100	235
240	14.8	209.4	67,500 *	26.2	241.6	75,600 *	33.8	258.8	78,900	240
250				18.2	216.2	69,600 *	28.0	241.6	74,600	250
260							20.7	218.6	70,600	260
270							8.4	177.9	65,700 *	270

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



157.5 ft



216.5 ft

	86°			83°			80°			
	ft	ft	lb	ft	lb	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

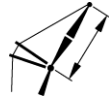


ANSI B30.5

16000 MAX-ER



157.5 ft



216.5 ft

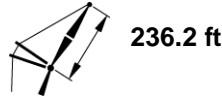
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft		
85									85	
90									90	
95									95	
100									100	
105									105	
110									110	
115									115	
120									120	
125									125	
130									130	
135									135	
140									140	
145									145	
150	62.9	353.1	113,600 *						150	
155	61.4	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	103,200			200	
205	44.6	311.8	89,000 *	49.4	319.9	100,000			205	
210	42.7	306.4	85,200 *	47.6	315.4	95,900 *	52.1	320.8	92,400	210
215	40.7	300.7	81,700 *	45.8	310.6	91,700 *	50.4	316.7	89,600	215
220	38.5	294.5	78,400 *	43.9	305.4	87,800 *	48.6	312.4	86,900	220
225	36.3	287.8	75,200 *	41.9	299.9	84,200 *	46.8	307.7	84,300	225
230	34.0	280.5	72,200 *	39.9	294.0	80,700 *	44.9	302.7	81,900	230
235	31.5	272.5	69,400 *	37.7	287.6	77,500 *	43.0	297.4	79,500	235
240	28.8	263.7	66,700 *	35.5	280.7	74,400 *	41.0	291.7	77,300	240
250	22.6	242.2	61,600 *	30.5	265.0	68,600 *	36.7	279.0	73,000	250
260	13.7	210.4	56,800 *	24.7	245.3	63,400 *	32.0	264.0	69,100	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



332,000 lb
+
120,000 lb

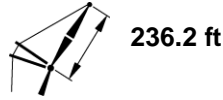


	86°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
90	73.2	392.5	115,300 *							90
95	71.9	390.9	114,700 *							95
100	70.6	389.1	114,200 *							100
105	69.3	387.2	113,600 *							105
110	68.0	385.2	112,900 *	70.1	387.5	110,800 *				110
115	66.7	383.0	110,500 *	68.8	385.6	110,500 *				115
120	65.3	380.8	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

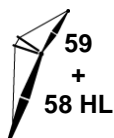
16000 MAX-ER



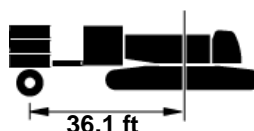
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160	62.6	370.1	95,800 *							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	77,900	235
240	36.7	300.6	65,600 *	41.8	312.7	73,300 *	46.3	320.6	75,700	240
250	32.3	285.7	60,600 *	38.0	300.4	67,500 *	42.8	310.2	71,500	250
260	27.4	267.9	56,000 *	33.8	286.3	62,400 *	39.0	298.4	67,700	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	ft	lb	ft	lb	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

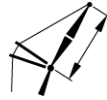


ANSI B30.5

16000 MAX-ER



157.5 ft

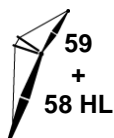


255.9 ft

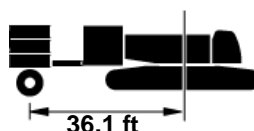
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170	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	66,300 *	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



	86°			83°			80°			
	ft	ft	lb	ft	lb	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

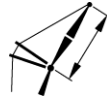


ANSI B30.5

16000 MAX-ER



157.5 ft

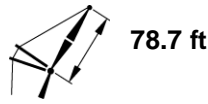
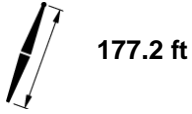
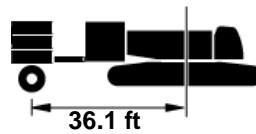
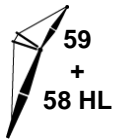


275.6 ft

	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
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

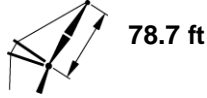
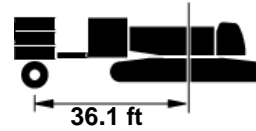
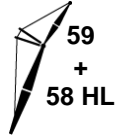


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
45	73.7	261.7	391,400 *c						45	
50	69.8	259.8	352,300 *c						50	
55	65.9	257.6	318,000 *b						55	
60	61.7	254.9	290,400 *b	69.3	258.5	370,500 *c			60	
65	57.4	251.8	268,100 *b	65.3	256.2	352,500 *b			65	
70	52.9	248.1	249,500 *	61.2	253.5	325,100 *b			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	313,200 *b	85
90	29.9	223.8	204,300 *	42.0	236.5	244,700 *	51.5	244.2	295,400 *	90
95	20.7	212.3	200,300 *	36.0	229.9	233,000 *	46.5	239.6	279,400 *	95
100				28.8	221.4	224,200 *	41.1	234.0	264,400 *	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

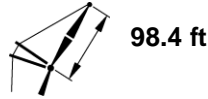
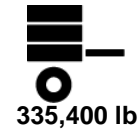
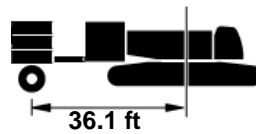
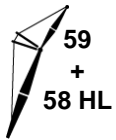
16000 MAX-ER



	75°			70°			65°			
	ft	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	269,700 *b						95	
100	56.3	244.6	255,200 *b						100	
105	51.7	240.7	242,100 *						105	
110	46.7	236.1	230,200 *						110	
115	41.3	230.6	219,300 *	56.1	239.6	211,500 *b			115	
120	35.2	223.8	209,300 *	51.5	235.6	201,900 *			120	
125	27.8	215.0	200,000 *	46.5	231.0	193,000 *			125	
130	17.5	201.8	191,300 *	41.0	225.4	184,900			130	
135				34.9	218.5	176,600	50.8	228.8	169,800	135
140				27.4	209.6	169,000	45.8	224.1	162,500	140
145				16.9	196.1	161,800	40.2	218.3	155,700	145
150							33.9	211.2	149,400	150
155							26.2	201.9	143,500	155
160							14.8	187.1	137,900	160

16000 MAX-ER

ANSI B30.5

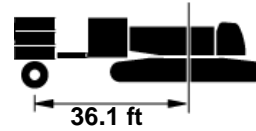
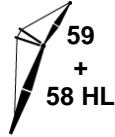


	86°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
55										55
60										60
65				70.5	277.7	333,300 *b				65
70				67.4	275.6	319,300 *b				70
75				64.1	273.2	304,500 *b				75
80	54.3	265.2	215,200 *	60.8	270.4	279,800 *	66.9	273.7	317,800 *b	80
85	50.5	261.1	203,400 *	57.4	267.2	259,600 *	63.6	271.2	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	278,400 *	95
100	37.6	244.8	177,900 *	46.0	254.7	216,600 *	53.2	261.5	263,500 *	100
105	32.3	237.2	172,500 *	41.7	249.2	206,500 *	49.4	257.2	249,900 *	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

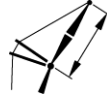


ANSI B30.5

16000 MAX-ER



177.2 ft

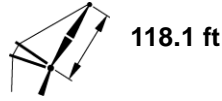
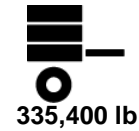
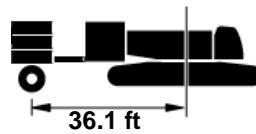
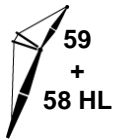


98.4 ft

	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	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	240,900 *							105
110	56.9	261.7	229,000 *							110
115	53.3	258.0	218,200 *							115
120	49.5	253.8	208,300 *							120
125	45.5	248.9	199,200 *	56.8	256.6	191,800 *				125
130	41.1	243.3	190,800 *	53.2	252.9	183,700 *				130
135	36.3	236.7	183,000 *	49.4	248.6	175,700				135
140	30.8	228.8	175,100	45.3	243.8	168,200				140
145	24.1	218.5	167,800	40.9	238.1	161,200	52.6	246.1	154,600	145
150	14.7	203.0	160,900	36.1	231.5	154,700	48.8	241.8	148,400	150
155				30.5	223.4	148,700	44.7	236.8	142,600	155
160				23.8	213.0	143,000	40.3	231.1	137,200	160
165				14.1	197.1	137,500	35.3	224.3	132,200	165
170							29.7	215.9	127,400	170
175							22.7	205.1	122,900	175
180							12.1	187.5	118,500	180

16000 MAX-ER

ANSI B30.5

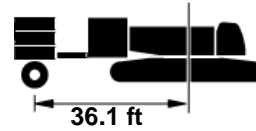
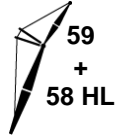


	86°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
60										60
65										65
70										70
75				68.7	294.9	288,900 *b				75
80				66.1	292.7	278,100 *				80
85				63.4	290.2	264,500 *				85
90				60.6	287.4	245,400 *	65.7	290.8	278,200 *	90
95				57.7	284.2	229,400 *	62.9	288.2	268,000 *	95
100				54.8	280.7	215,800 *	60.2	285.4	257,900 *	100
105				51.7	276.8	204,200 *	57.3	282.2	248,200 *	105
110				48.5	272.4	194,200 *	54.3	278.6	234,400 *	110
115				45.1	267.5	185,600 *	51.2	274.6	217,200 *	115
120				41.4	262.0	178,300 *	47.9	270.2	202,200 *	120
125				37.5	255.6	167,400 *	44.5	265.2	188,800 *	125
130				33.2	248.2	157,500 *	40.9	259.5	176,900 *	130
135				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

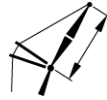


ANSI B30.5

16000 MAX-ER



177.2 ft



118.1 ft

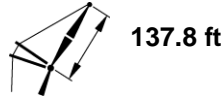
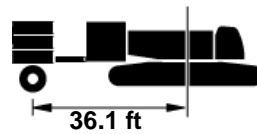
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115	60.2	281.8	216,500 *							115
120	57.4	278.7	206,600 *							120
125	54.4	275.1	197,600 *							125
130	51.3	271.1	189,200 *							130
135	48.1	266.7	181,500 *	57.2	273.6	173,900				135
140	44.6	261.7	173,800	54.3	270.0	166,500				140
145	41.0	256.1	166,600	51.2	266.0	159,600				145
150	37.0	249.6	159,900	47.9	261.6	153,200				150
155	32.6	242.1	153,700	44.5	256.6	147,200				155
160	27.6	233.0	147,800	40.8	250.9	141,700	50.7	259.2	135,500	160
165	21.5	221.4	140,000 *	36.8	244.4	136,400	47.4	254.7	130,500	165
170	12.5	203.6	130,100 *	32.4	236.8	131,500	44.0	249.6	125,800	170
175				27.4	227.6	126,900	40.3	243.8	121,400	175
180				21.2	215.9	122,500	36.2	237.2	117,300	180
185				12.0	197.6	118,200	31.8	229.4	113,300	185
190							26.6	220.0	109,600	190
195							20.1	207.7	106,000	195
200							9.9	187.3	102,500	200

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

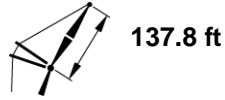


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
65									65	
70									70	
75									75	
80				69.7	314.1	257,900 *			80	
85				67.4	312.0	252,200 *			85	
90				65.1	309.7	243,500 *			90	
95				62.8	307.1	232,800 *	67.1	310.1	252,100 *	95
100				60.4	304.3	219,500 *	64.8	307.8	246,300 *	100
105				58.0	301.2	206,400 *	62.4	305.2	238,300 *	105
110				55.5	297.8	195,100 *	60.1	302.3	230,300 *	110
115				52.9	294.0	185,300 *	57.6	299.2	218,300 *	115
120				50.2	289.9	176,700 *	55.1	295.7	203,200 *	120
125				47.4	285.4	166,800 *	52.5	291.9	189,800 *	125
130				44.4	280.3	157,100 *	49.7	287.7	177,800 *	130
135				41.3	274.7	148,100 *	46.9	283.1	167,100 *	135
140				37.9	268.4	139,700 *	43.9	278.0	157,500 *	140
145				34.3	261.3	132,000 *	40.8	272.3	148,700 *	145
150				30.3	253.1	125,100 *	37.4	265.9	140,700 *	150
155				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

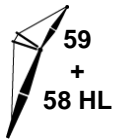
16000 MAX-ER



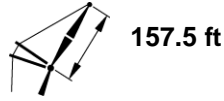
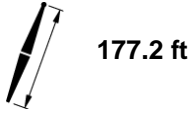
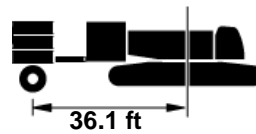
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120	62.5	301.6	205,200 *							120
125	60.1	298.8	196,200 *							125
130	57.7	295.6	187,900 *							130
135	55.1	292.2	180,200 *							135
140	52.5	288.4	172,700							140
145	49.8	284.2	165,500	57.6	290.6	158,300				145
150	47.0	279.6	158,900	55.0	287.1	151,900				150
155	44.0	274.5	152,700	52.4	283.3	146,000				155
160	40.9	268.8	146,900	49.7	279.1	140,400				160
165	37.5	262.5	141,400 *	46.9	274.5	135,300				165
170	33.9	255.2	134,000 *	43.9	269.3	130,400	52.1	276.5	124,500	170
175	29.8	246.8	127,200 *	40.7	263.6	125,800	49.3	272.3	120,100	175
180	25.1	236.7	120,800 *	37.4	257.2	121,500	46.5	267.6	116,000	180
185	19.3	223.8	114,800 *	33.7	249.9	117,500	43.5	262.4	112,100	185
190	10.7	203.7	106,300 *	29.6	241.5	113,600	40.3	256.6	108,500	190
195				24.9	231.3	109,900	36.9	250.1	105,000	195
200				19.1	218.2	106,400	33.2	242.6	101,700	200
205				10.2	197.4	103,000	29.0	234.0	98,500	205
210							24.2	223.5	95,500	210
215							18.1	209.8	92,600	215
220							8.1	186.3	89,700	220

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



	86°			83°			80°			
	ft	ft	lb	ft	lb	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

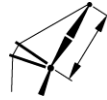


ANSI B30.5

16000 MAX-ER



177.2 ft



157.5 ft

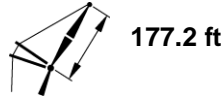
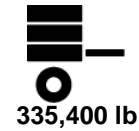
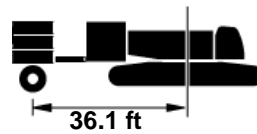
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130	62.1	318.6	186,100 *							130
135	60.0	315.7	178,400 *							135
140	57.9	312.6	171,000							140
145										145
150	55.7	309.2	163,900							150
155	53.4	305.5	157,300							155
160	51.1	301.5	151,100	57.8	307.5	144,200				160
165	48.7	297.2	145,400	55.6	304.1	138,700				165
170	46.2	292.5	140,000	53.3	300.5	133,600				170
175										175
180	43.6	287.3	133,700 *	51.0	296.4	128,700				180
185	40.8	281.6	127,000 *	48.6	292.1	124,200				185
190	37.9	275.3	120,700 *	46.1	287.3	119,900				190
195	34.7	268.2	115,000 *	43.5	282.1	115,900	50.7	289.6	110,400	195
200	31.3	260.2	109,600 *	40.7	276.4	112,100	48.3	285.2	106,800	200
205										205
210	27.5	251.0	104,600 *	37.8	270.0	108,500	45.7	280.4	103,300	210
215	23.1	240.0	99,800 *	34.6	263.0	105,100	43.1	275.1	100,000	215
220	20.5	225.8	95,300 *	31.2	254.9	101,800	40.3	269.3	96,900	220
225	17.6	220.3	91,000 *	27.3	245.7	98,700	37.3	262.9	94,000	225
230	9.2	203.2	87,600 *	22.9	234.5	95,800	34.1	255.7	91,200	230
235				17.4	220.1	92,900	30.7	247.5	88,500	235
240				8.6	196.7	90,100	26.8	238.0	85,900	240
							22.2	226.6	83,400	
							16.4	211.5	81,000	
							6.4	184.5	78,600	

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



	86°			83°			80°			
	ft	ft	lb	ft	lb	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



177.2 ft

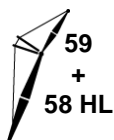


177.2 ft

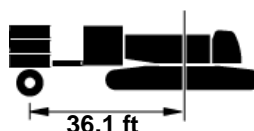
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140	61.8	335.6	159,000 *							140
145	60.0	332.7	159,000 *							145
150	58.1	329.6	156,000							150
155	56.1	326.3	149,800							155
160	54.1	322.7	144,100							160
165	52.1	318.8	138,800							165
170	50.0	314.6	133,400 *	56.1	321.2	127,400				170
175	47.8	310.1	126,700 *	54.1	317.6	122,900				175
180	45.6	305.3	120,500 *	52.0	313.7	118,600				180
185	43.2	300.0	114,700 *	49.9	309.5	114,600				185
190	40.8	294.3	109,400 *	47.7	305.0	110,800				190
195	38.2	288.1	104,500 *	45.5	300.1	107,300	51.7	306.9	101,900	195
200	35.4	281.2	99,800 *	43.1	294.9	103,900	49.6	302.7	98,700	200
205	32.5	273.5	95,500 *	40.7	289.1	100,600	47.4	298.1	95,600	205
210	29.2	264.8	91,400 *	38.1	282.8	97,600	45.2	293.2	92,700	210
215	25.6	254.9	87,500 *	35.3	275.9	94,700	42.8	287.9	89,900	215
220	21.4	242.9	83,800 *	32.3	268.2	91,900	40.3	282.1	87,200	220
225	16.2	227.5	80,200 *	29.1	259.5	89,200	37.7	275.7	84,700	225
230	7.8	202.1	73,100 *	25.5	249.4	86,700	34.9	268.7	82,300	230
235				21.2	237.4	84,000 *	31.9	260.9	80,000	235
240				15.9	221.7	80,400 *	28.6	252.0	77,700	240
250							20.6	229.3	73,500	250
260							4.7	181.4	69,400	260

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



177.2 ft



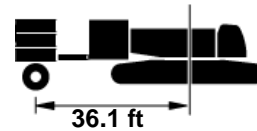
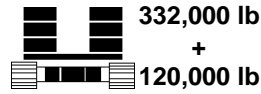
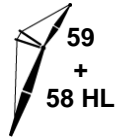
196.9 ft

	86°			83°			80°			
	ft	ft	lb	ft	lb	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



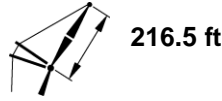
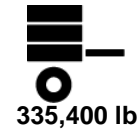
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft		
80									80	
85									85	
90									90	
95									95	
100									100	
105									105	
110									110	
115									115	
120									120	
125									125	
130									130	
135									135	
140									140	
145									145	
150	61.6	352.5	131,600 *						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	116,900			180	
185	49.1	327.7	113,600 *	54.6	334.6	112,900			185	
190	47.1	323.0	108,300 *	52.8	330.9	109,200			190	
195	45.1	318.1	103,400 *	50.9	326.9	105,600			195	
200	42.9	312.8	98,800 *	49.0	322.5	102,200			200	
205	40.7	307.1	94,500 *	47.0	317.9	99,000	52.5	324.1	93,800	205
210	38.4	300.8	90,500 *	45.0	313.0	96,000	50.7	320.0	90,900	210
215	36.0	294.1	86,700 *	42.8	307.6	93,100	48.7	315.7	88,200	215
220	33.3	286.6	83,100 *	40.6	301.9	90,300	46.7	311.0	85,500	220
225	30.5	278.4	79,700 *	38.3	295.6	87,700	44.7	306.0	83,000	225
230	27.5	269.0	76,500 *	35.8	288.8	85,200	42.5	300.6	80,600	230
235	24.0	258.3	73,400 *	33.2	281.4	82,800	40.3	294.8	78,300	235
240	20.0	245.5	70,400 *	30.4	273.0	79,900 *	38.0	288.5	76,100	240
250	6.5	200.4	60,900 *	23.9	252.9	73,600 *	32.8	274.0	72,000	250
260				14.7	223.0	67,700 *	26.9	256.1	68,200	260
270							19.2	231.6	64,600	270
280							2.4	175.2	61,000	280

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

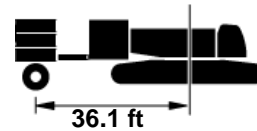
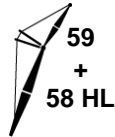


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
85	73.3	393.5	131,200 *						85	
90	71.9	391.9	130,800 *						90	
95	70.5	390.1	130,400 *						95	
100	69.1	388.2	127,000 *						100	
105	67.7	386.2	123,400 *	70.3	388.8	126,700 *			105	
110	66.3	384.0	119,500 *	68.9	386.9	126,600 *			110	
115	64.8	381.6	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

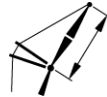


ANSI B30.5

16000 MAX-ER



177.2 ft



216.5 ft

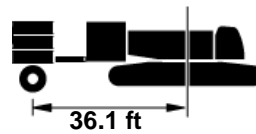
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155	62.9	372.2	109,800 *							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	100,600				200
205	46.5	335.9	93,100 *	51.8	344.1	97,400				205
210	44.6	330.9	89,100 *	50.0	339.9	94,300				210
215	42.7	325.5	85,300 *	48.3	335.5	91,500				215
220	40.7	319.8	81,800 *	46.4	330.8	88,700	51.5	337.3	83,800	220
225	38.6	313.6	78,400 *	44.6	325.8	86,100	49.8	333.1	81,300	225
230	36.4	306.9	75,300 *	42.6	320.4	83,600	48.0	328.7	78,900	230
235	34.0	299.7	72,300 *	40.6	314.6	81,200	46.2	323.9	76,700	235
240	31.6	291.7	69,400 *	38.5	308.4	78,600 *	44.3	318.8	74,500	240
250	25.9	272.9	64,100 *	33.9	294.4	72,400 *	40.3	307.6	70,400	250
260	18.8	247.7	59,200 *	28.8	277.5	66,900 *	36.0	294.5	66,600	260
270	5.2	197.7	50,400 *	22.5	256.0	61,800 *	31.1	279.0	63,100	270
280				13.6	224.0	57,000 *	25.4	259.8	59,800	280
290							18.0	233.7	56,800	290

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

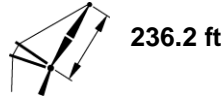


	86°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
90	73.5	412.6	111,500 *							90
95	72.2	411.0	111,100 *							95
100	70.9	409.2	110,600 *							100
105	69.7	407.4	110,100 *							105
110	68.4	405.4	108,200 *	70.8	407.9	107,500 *				110
115	67.0	403.3	105,300 *	69.5	406.1	107,300 *				115
120	65.7	401.0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



ANSI B30.5

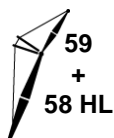
16000 MAX-ER



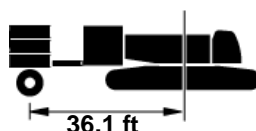
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft		
90									90	
95									95	
100									100	
105									105	
110									110	
115									115	
120									120	
125									125	
130									130	
135									135	
140									140	
145									145	
150									150	
155									155	
160									160	
165	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	84,500			225	
230	42.5	338.3	74,200 *	47.6	348.5	82,100	52.2	354.5	77,300	230
235	40.7	332.5	71,200 *	46.0	343.6	79,700	50.6	350.5	75,000	235
240	38.7	326.4	68,400 *	44.2	338.5	77,400	49.0	346.2	72,800	240
250	34.6	312.6	63,100 *	40.6	327.4	71,300 *	45.7	336.7	68,800	250
260	30.0	296.5	58,300 *	36.6	314.5	65,800 *	42.2	326.1	65,000	260
270	24.6	276.5	53,900 *	32.3	299.6	60,800 *	38.4	314.1	61,600	270
280	17.7	249.8	49,700 *	27.3	281.7	56,200 *	34.2	300.1	58,400	280
290	3.8	193.7	41,300 *	21.3	258.9	52,000 *	29.5	283.7	55,400	290
300				12.6	224.7	47,900 *	24.0	263.3	52,500	300
310							16.9	235.6	49,900 *	310

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

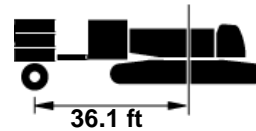
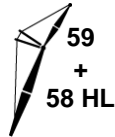


	86°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
95			95,000 *							95
100			94,600 *							100
105			94,100 *							105
110			93,600 *							110
115			93,100 *							115
120			92,500 *	69.9	425.2	91,000 *				120
125			90,400 *	68.7	423.3	90,700 *				125
130			88,000 *	67.5	421.2	90,400 *				130
135			85,600 *	66.3	419.0	90,100 *				135
140			83,100 *	65.1	416.7	89,700 *	67.3	419.4	86,500 *	140
145			80,600 *	63.8	414.2	89,300 *	66.1	417.1	86,400 *	145
150			78,100 *	62.6	411.6	88,900 *	64.9	414.8	86,300 *	150
155			75,700 *	61.3	408.9	88,500 *	63.6	412.3	86,100 *	155
160			73,200 *	60.0	406.0	88,100 *	62.4	409.7	85,900 *	160
165			70,800 *	58.7	403.0	87,700 *	61.1	407.0	85,700 *	165
170			68,400 *	57.3	399.8	85,400 *	59.8	404.0	85,500 *	170
175			66,100 *	56.0	396.5	83,000 *	58.5	401.0	85,300 *	175
180			63,800 *	54.6	392.9	80,500 *	57.1	397.8	85,000 *	180
185			61,600 *	53.2	389.2	78,100 *	55.8	394.4	84,800 *	185
190			59,500 *	51.8	385.3	75,700 *	54.4	390.8	84,500 *	190
195			57,500 *	50.4	381.2	73,300 *	53.0	387.1	84,300 *	195
200			55,500 *	48.9	376.8	70,900 *	51.6	383.1	82,300 *	200
205			53,600 *	47.4	372.2	68,600 *	50.1	379.0	78,800 *	205
210			51,700 *	45.8	367.4	66,300 *	48.6	374.6	75,500 *	210
215			50,000 *	44.2	362.3	64,100 *	47.1	370.0	72,300 *	215
220			48,400 *	42.6	356.9	61,900 *	45.6	365.1	69,400 *	220
225			46,900 *	40.9	351.2	59,800 *	44.0	360.0	66,600 *	225
230			45,400 *	39.1	345.1	57,800 *	42.3	354.5	63,900 *	230
235			44,000 *	37.3	338.6	55,900 *	40.6	348.7	61,400 *	235
240			42,800 *	35.3	331.6	54,100 *	38.8	342.6	59,000 *	240
250			40,500 *	31.2	316.1	50,600 *	35.0	329.0	54,500 *	250
260			38,700 *	26.5	297.4	46,800 *	30.8	313.2	50,400 *	260
270			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

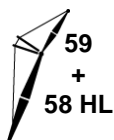
16000 MAX-ER



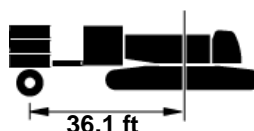
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft		
95									95	
100									100	
105									105	
110									110	
115									115	
120									120	
125									125	
130									130	
135									135	
140									140	
145									145	
150									150	
155									155	
160									160	
165									165	
170									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	63,600 *	260
270	33.1	318.0	52,800 *	38.8	334.0	59,500 *	43.7	344.4	60,200 *	270
280	28.6	300.9	48,800 *	35.0	320.4	55,000 *	40.3	333.1	57,000 *	280
290	23.4	279.9	45,200 *	30.8	304.6	50,900 *	36.7	320.2	54,000 *	290
300	16.7	251.6	41,600 *	26.0	285.6	47,100 *	32.7	305.5	51,300 *	300
310	1.7	185.5	33,100 *	20.2	261.5	43,600 *	28.2	288.0	48,700 *	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



332,000 lb
+
120,000 lb



177.2 ft



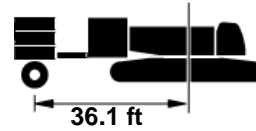
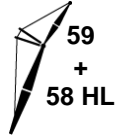
275.6 ft

	86°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
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

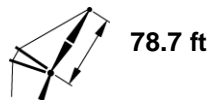
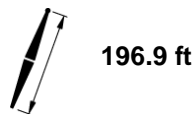
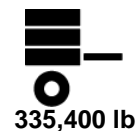
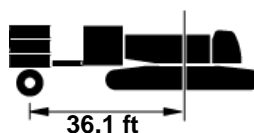
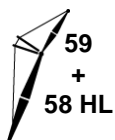
16000 MAX-ER



	75°			70°			65°			
	ft	ft	lb	ft	lb	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	52,400	290
300	27.4	305.1	40,400 *	33.6	325.8	45,700 *	38.7	339.6	49,600	300
310	22.4	283.0	37,300 *	29.5	309.2	42,200 *	35.2	326.1	47,100 *	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

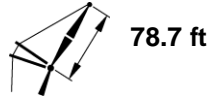


	86°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
50	70.9	280.0	339,600 *c							50
55	67.0	277.9	307,600 *b							55
60	62.9	275.4	281,800 *b							60
65	58.6	272.3	260,700 *b	67.2	276.9	328,400 *c				65
70	54.2	268.8	243,100 *b	63.2	274.4	313,100 *b				70
75	49.4	264.6	228,400 *	58.9	271.4	293,800 *b	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	248,300 *	105
110				10.7	217.3	173,900 *	32.8	244.0	236,000 *	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

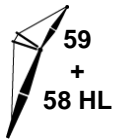
16000 MAX-ER



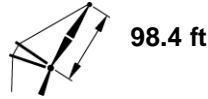
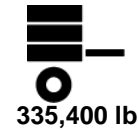
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
50										50
55										55
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100	60.7	267.0	251,200 *b							100
105	56.4	263.7	238,300 *b							105
110	51.8	259.8	226,600 *							110
115	46.8	255.2	215,800 *							115
120	41.4	249.7	206,000 *	57.6	259.3	197,500 *b				120
125	35.3	243.0	196,900 *	53.1	255.6	188,800 *b				125
130	27.9	234.2	188,500 *	48.3	251.2	180,800 *				130
135	17.8	221.2	180,600 *	43.0	246.0	172,900				135
140				37.1	239.6	165,500				140
145				30.2	231.5	158,500	49.1	245.1	151,300	145
150				21.2	220.2	152,000	44.0	240.1	145,200	150
155							38.2	234.0	139,500	155
160							31.5	226.3	134,200	160
165							23.1	215.7	129,100	165
170							7.0	194.4	124,100	170

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

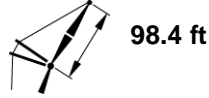
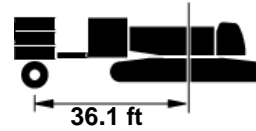
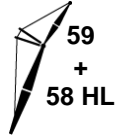


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
55									55	
60									60	
65									65	
70				68.9	296.2	296,600 *b			70	
75				65.7	293.9	284,500 *b			75	
80				62.4	291.3	272,700 *b			80	
85				59.0	288.4	254,400 *	65.9	292.4	285,400 *b	85
90				55.5	285.0	237,900 *	62.6	289.8	274,000 *b	90
95				51.8	281.1	224,200 *	59.2	286.8	262,900 *	95
100				47.9	276.6	212,600 *	55.7	283.4	252,200 *	100
105				43.8	271.5	202,700 *	52.0	279.6	242,000 *	105
110				39.2	265.5	194,500 *	48.1	275.2	232,200 *	110
115				34.2	258.5	185,500 *	44.0	270.1	223,000 *	115
120				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

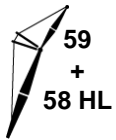
16000 MAX-ER



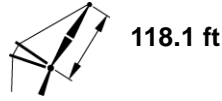
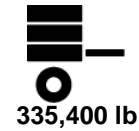
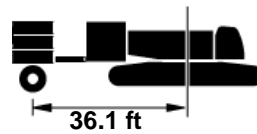
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
55										55
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110	60.5	284.0	225,300 *							110
115	57.0	280.7	214,700 *							115
120	53.4	277.1	204,900 *							120
125	49.6	272.9	196,000 *							125
130	45.5	268.0	187,700 *							130
135	41.2	262.5	180,000 *	54.4	272.7	171,700				135
140	36.4	255.9	172,500	50.7	268.7	164,400				140
145	30.9	247.9	165,300	46.7	264.0	157,600				145
150	24.3	237.7	158,600	42.5	258.7	151,300				150
155	14.9	222.4	152,300	37.8	252.4	145,400	51.4	262.6	138,400	155
160				32.6	244.9	139,900	47.5	258.0	133,100	160
165				26.3	235.5	134,700	43.3	252.8	128,200	165
170				18.1	222.3	129,700	38.7	246.8	123,600	170
175							33.5	239.5	119,300	175
180							27.5	230.5	115,200	180
185							19.8	218.2	111,200	185

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

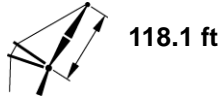
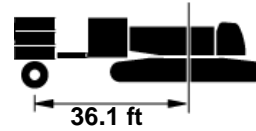
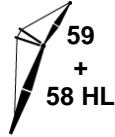


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
60	72.4	318.2	258,000 *b						60	
65	69.8	316.4	246,900 *b						65	
70	67.2	314.3	234,900 *b						70	
75	64.5	311.9	219,400 *	70.0	315.4	268,400 *b			75	
80	61.8	309.3	205,700 *	67.4	313.3	258,900 *b			80	
85	58.9	306.3	193,800 *	64.7	310.9	249,300 *			85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



ANSI B30.5

16000 MAX-ER



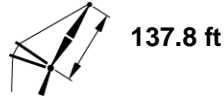
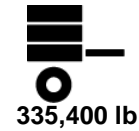
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120	60.3	300.9	203,100 *							120
125	57.4	297.7	194,200 *							125
130	54.5	294.2	186,000 *							130
135	51.4	290.2	178,400 *							135
140	48.1	285.8	171,000							140
145	44.7	280.8	164,000	55.3	289.8	155,900				145
150	41.0	275.2	157,400	52.3	286.0	149,600				150
155	37.1	268.8	151,200	49.1	281.7	143,800				155
160	32.7	261.2	145,500	45.7	276.9	138,300				160
165	27.7	252.2	140,100	42.1	271.4	133,200	52.8	279.8	126,400	165
170	21.6	240.6	135,000	38.3	265.2	128,500	49.6	275.6	121,900	170
175	12.7	223.1	130,100	34.0	258.1	123,900	46.3	270.9	117,600	175
180				29.2	249.5	119,700	42.8	265.6	113,600	180
185				23.5	238.9	115,600	39.0	259.5	109,800	185
190				15.8	223.8	111,700	34.8	252.6	106,200	190
195							30.1	244.3	102,800	195
200							24.6	234.1	99,500	200
205							17.4	220.2	96,300	205

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



	86°			83°			80°			
	ft	ft	lb	ft	lb	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

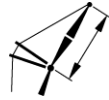


ANSI B30.5

16000 MAX-ER



196.9 ft



137.8 ft

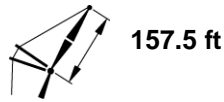
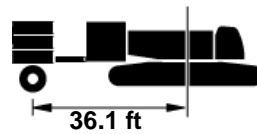
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft		
65									65	
70									70	
75									75	
80									80	
85									85	
90									90	
95									95	
100									100	
105									105	
110									110	
115									115	
120									120	
125	62.6	320.7	192,800 *						125	
130	60.2	317.9	184,600 *						130	
135	57.7	314.7	177,000 *						135	
140	55.2	311.3	169,800						140	
145	52.6	307.5	162,700						145	
150	49.9	303.3	156,200						150	
155	47.1	298.7	150,100	55.9	306.8	142,400			155	
160	44.1	293.6	144,400	53.3	303.1	137,000			160	
165	40.9	288.0	139,100	50.7	299.1	132,000			165	
170	37.6	281.6	134,100	47.9	294.6	127,200			170	
175	33.9	274.4	129,400	45.0	289.7	122,800			175	
180	29.9	266.0	125,000	41.9	284.2	118,600	51.1	293.0	112,200	180
185	25.2	255.9	120,800	38.6	278.0	114,600	48.4	288.6	108,500	185
190	19.5	243.1	114,900 *	35.0	271.1	110,800	45.5	283.7	104,900	190
195	11.0	223.2	107,100 *	31.1	263.1	107,300	42.4	278.3	101,500	195
200				26.6	253.6	103,900	39.2	272.3	98,300	200
205				21.3	241.7	100,600	35.7	265.5	95,300	205
210				14.0	224.9	97,500	31.8	257.7	92,400	210
215							27.5	248.5	89,600	215
220							22.3	237.2	87,000	220
225							15.5	221.7	84,400	225

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

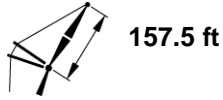
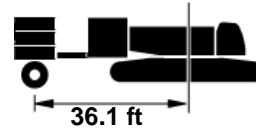
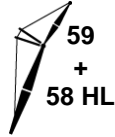


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
70	73.1	356.4	190,800 *						70	
75	71.2	354.7	184,500 *						75	
80	69.3	352.8	177,800 *						80	
85	67.3	350.7	170,700 *						85	
90	65.3	348.4	163,300 *	69.4	351.8	194,800 *			90	
95	63.3	345.9	155,800 *	67.4	349.7	190,900 *			95	
100	61.2	343.2	148,400 *	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

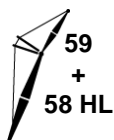
16000 MAX-ER



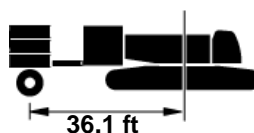
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft		
70									70	
75									75	
80									80	
85									85	
90									90	
95									95	
100									100	
105									105	
110									110	
115									115	
120									120	
125									125	
130									130	
135	62.2	337.7	175,100 *						135	
140	60.1	334.8	168,100						140	
145	57.9	331.7	161,100						145	
150	55.7	328.3	154,600						150	
155	53.5	324.6	148,500						155	
160	51.2	320.6	142,900						160	
165	48.8	316.3	137,600	56.4	323.9	130,200			165	
170	46.2	311.6	132,600	54.1	320.3	125,500			170	
175	43.6	306.4	127,900	51.8	316.4	121,000			175	
180	40.9	300.7	123,600	49.4	312.1	116,900			180	
185	37.9	294.4	119,400	47.0	307.5	112,900			185	
190	34.8	287.4	115,400 *	44.4	302.5	109,200	52.2	310.2	103,100	190
195	31.4	279.4	110,000 *	41.7	296.9	105,700	49.9	306.0	99,700	195
200	27.6	270.2	104,900 *	38.8	290.8	102,400	47.4	301.5	96,600	200
205	23.2	259.2	100,100 *	35.7	284.0	99,200	44.9	296.5	93,600	205
210	17.7	245.1	95,600 *	32.4	276.4	96,200	42.2	291.1	90,700	210
215	9.4	222.9	88,500 *	28.7	267.5	93,300	39.3	285.1	88,000	215
220				24.5	257.1	90,500	36.3	278.4	85,400	220
225				19.5	244.2	87,900	33.0	270.9	82,900	225
230				12.4	225.5	85,300	29.4	262.4	80,500	230
235							25.3	252.3	78,300	235
240							20.4	239.9	76,000	240

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



	86°			83°			80°			
	ft	ft	lb	ft	lb	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

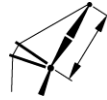


ANSI B30.5

16000 MAX-ER



196.9 ft

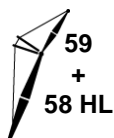


177.2 ft

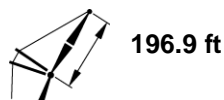
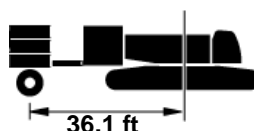
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft		
75									75	
80									80	
85									85	
90									90	
95									95	
100									100	
105									105	
110									110	
115									115	
120									120	
125									125	
130									130	
135									135	
140									140	
145	61.9	354.6	146,300 *						145	
150	60.0	351.8	146,300 *						150	
155	58.1	348.7	146,300 *						155	
160	56.2	345.3	141,500						160	
165	54.2	341.7	136,300						165	
170	52.1	337.9	131,300						170	
175	50.0	333.7	126,700	56.7	340.9	119,600			175	
180	47.9	329.2	122,300	54.8	337.4	115,500			180	
185	45.6	324.4	118,200	52.7	333.6	111,600			185	
190	43.3	319.1	114,300	50.6	329.5	107,900			190	
195	40.8	313.4	109,500 *	48.5	325.1	104,400			195	
200	38.2	307.2	104,500 *	46.3	320.4	101,100			200	
205	35.5	300.3	99,900 *	43.9	315.2	97,900	51.0	323.4	92,200	205
210	32.5	292.7	95,500 *	41.5	309.7	94,900	48.9	319.0	89,300	210
215	29.3	284.0	91,400 *	39.0	303.6	92,100	46.7	314.4	86,600	215
220	25.7	274.1	87,500 *	36.3	296.9	89,400	44.4	309.3	84,100	220
225	21.5	262.1	83,800 *	33.4	289.5	86,800	42.0	303.8	81,600	225
230	16.3	246.8	80,200 *	30.2	281.2	84,300	39.4	297.8	79,300	230
235	8.1	221.9	73,800 *	26.8	271.6	81,900	36.8	291.3	77,000	235
240				22.8	260.4	79,600	33.9	284.0	74,900	240
250				11.1	225.7	75,200	27.4	266.6	70,800	250
260							18.9	242.2	67,000	260

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



	86°			83°			80°			
	ft	ft	lb	ft	lb	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



196.9 ft



196.9 ft

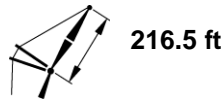
ft	75°			70°			65°			ft
	ft	lb	ft	lb	ft	lb	ft	lb		
80									80	
85									85	
90									90	
95									95	
100									100	
105									105	
110									110	
115									115	
120									120	
125									125	
130									130	
135									135	
140									140	
145									145	
150									150	
155	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	120,700						180	
185	51.0	351.0	116,600	57.0	357.9	109,800			185	
190	49.1	346.8	112,800	55.2	354.4	106,100			190	
195	47.1	342.2	109,000 *	53.4	350.7	102,700			195	
200	45.1	337.2	104,000 *	51.6	346.8	99,400			200	
205	43.0	331.9	99,400 *	49.7	342.6	96,300			205	
210	40.8	326.2	95,000 *	47.7	338.0	93,300			210	
215	38.4	320.0	90,900 *	45.7	333.2	90,500	51.9	340.6	84,800	215
220	36.0	313.2	87,100 *	43.6	328.0	87,800	50.0	336.5	82,300	220
225	33.4	305.8	83,500 *	41.4	322.4	85,200	48.1	332.0	79,900	225
230	30.6	297.5	80,100 *	39.1	316.4	82,800	46.1	327.2	77,500	230
235	27.5	288.2	76,800 *	36.7	309.7	80,400	44.0	322.1	75,300	235
240	24.1	277.5	73,700 *	34.2	302.5	78,200	41.8	316.6	73,200	240
250	15.0	248.2	67,800 *	28.4	285.6	73,900	37.2	304.1	69,200	250
260				21.3	263.2	70,000	31.9	289.1	65,500	260
270				9.9	225.5	66,000 *	25.7	270.4	62,100	270
280							17.6	244.2	58,800	280

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

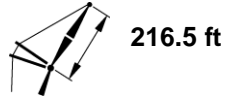


	86°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
85	73.7	413.6	121,100 *							85
90	72.3	412.0	120,800 *							90
95	70.9	410.2	118,900 *							95
100	69.5	408.4	115,800 *							100
105	68.1	406.4	112,500 *							105
110	66.7	404.2	109,000 *	69.6	407.4	117,500 *				110
115	65.2	401.9	105,600 *	68.2	405.4	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

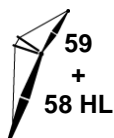
16000 MAX-ER



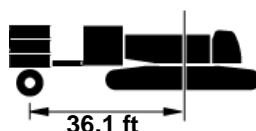
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft		
85									85	
90									90	
95									95	
100									100	
105									105	
110									110	
115									115	
120									120	
125									125	
130									130	
135									135	
140									140	
145									145	
150									150	
155									155	
160	63.0	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	91,600			210	
215	44.7	350.0	89,100 *	50.6	359.9	88,800			215	
220	42.7	344.7	85,400 *	48.9	355.6	86,100			220	
225	40.7	338.9	81,800 *	47.1	351.0	83,600	52.6	357.8	78,100	225
230	38.6	332.7	78,500 *	45.2	346.0	81,100	50.9	353.8	75,800	230
235	36.4	326.1	75,300 *	43.3	340.8	78,800	49.2	349.5	73,600	235
240	34.1	318.8	72,300 *	41.3	335.2	76,600	47.4	344.9	71,500	240
250	28.9	302.1	66,800 *	37.1	322.6	72,400	43.7	334.9	67,500	250
260	22.7	280.7	61,700 *	32.3	307.8	68,500	39.6	323.4	63,900	260
270	13.9	249.3	56,900 *	26.9	289.7	64,900	35.2	310.0	60,500	270
280				20.0	265.8	60,300 *	30.2	293.9	57,300	280
290				8.9	224.9	55,400 *	24.3	273.9	54,400	290
300							16.4	245.9	51,600	300

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

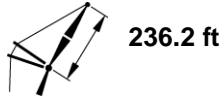
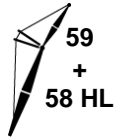


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
90	73.9	432.6	103,700 *						90	
95	72.6	431.0	103,400 *						95	
100	71.3	429.4	103,000 *						100	
105	70.0	427.5	101,600 *						105	
110	68.7	425.6	99,000 *						110	
115	67.4	423.5	96,400 *	70.1	426.5	100,300 *			115	
120	66.1	421.3	93,700 *	68.8	424.6	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

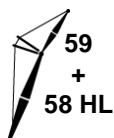
16000 MAX-ER



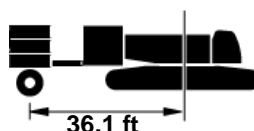
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										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	77,200				235
240	40.7	351.7	71,300 *	46.5	363.8	75,000	51.7	371.0	69,800	240
250	36.8	338.9	65,700 *	43.1	353.5	70,800	48.5	362.5	65,800	250
260	32.4	324.1	60,700 *	39.3	341.9	67,000	45.1	352.9	62,200	260
270	27.5	306.3	56,100 *	35.3	328.4	63,400	41.6	342.1	58,900	270
280	21.5	283.6	51,800 *	30.7	312.7	59,300 *	37.7	329.7	55,800	280
290	13.0	250.1	47,700 *	25.5	293.5	54,800 *	33.5	315.4	52,900	290
300				18.9	268.1	50,600 *	28.7	298.4	50,200	300
310				7.9	223.9	46,500 *	23.0	277.2	47,600	310
320							15.4	247.4	45,100 *	320

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

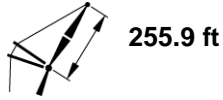


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
95	74.0	451.7	89,200 *						95	
100	72.8	450.1	88,600 *						100	
105	71.6	448.5	88,200 *						105	
110	70.4	446.7	87,800 *						110	
115	69.2	444.8	87,200 *						115	
120	68.0	442.8	85,200 *	70.5	445.6	85,600 *			120	
125	66.8	440.6	83,000 *	69.3	443.8	85,400 *			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

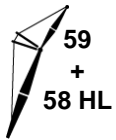
16000 MAX-ER



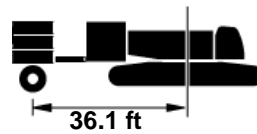
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175										175
180	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	65,600	49.4	379.9	60,800	260
270	35.1	344.7	54,900 *	41.2	360.6	62,100	46.4	370.7	57,400	270
280	31.0	329.0	50,800 *	37.6	348.2	58,000 *	43.2	360.4	54,400	280
290	26.2	310.2	47,000 *	33.7	334.0	53,600 *	39.7	348.9	51,500	290
300	20.4	286.3	43,400 *	29.3	317.3	49,600 *	36.0	335.7	48,800	300
310	12.1	250.6	39,900 *	24.3	297.0	45,900 *	32.0	320.6	46,100 *	310
320				17.9	270.2	42,400 *	27.4	302.6	43,500 *	320
330				6.9	222.4	38,900 *	21.9	280.2	41,100 *	330
340							14.4	248.6	38,700 *	340

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

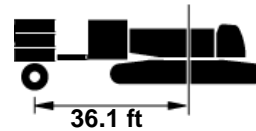
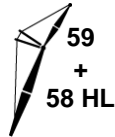


	86°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
105	73.0	469.2	75,900 *							105
110	71.9	467.6	75,500 *							110
115	70.8	465.8	75,100 *							115
120	69.7	464.0	74,700 *							120
125	68.6	462.0	74,200 *	70.8	464.8	73,100 *				125
130	67.4	459.9	73,300 *	69.7	462.9	72,900 *				130
135	66.3	457.7	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

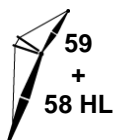
16000 MAX-ER



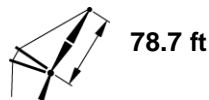
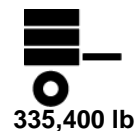
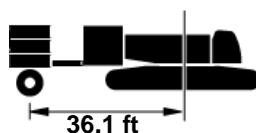
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175										175
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	49,400 *	290
300	29.7	333.7	42,100 *	36.0	354.2	48,200 *	41.4	367.6	46,500 *	300
310	25.0	313.9	38,900 *	32.3	339.2	44,500 *	38.1	355.3	43,800 *	310
320	19.4	288.8	35,800 *	28.1	321.6	41,100 *	34.5	341.4	41,300 *	320
330	11.3	250.9	32,800 *	23.2	300.3	38,000 *	30.6	325.5	38,900 *	330
340				17.0	272.1	34,900 *	26.2	306.5	36,600 *	340
350				6.0	220.4	31,900 *	20.9	283.0	34,500 *	350
360							13.6	249.6	32,400 *	360

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

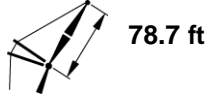
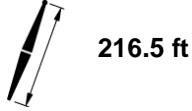
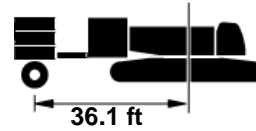
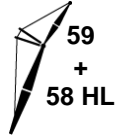


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
50	72.0	300.2	297,200 *d						50	
55	68.1	298.1	287,000 *c						55	
60	64.0	295.7	269,100 *b						60	
65	59.8	292.9	249,500 *b	69.1	297.5	293,900 *c			65	
70	55.4	289.5	233,100 *b	65.1	295.2	284,800 *b			70	
75	50.8	285.4	219,500 *	61.0	292.4	276,500 *b			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

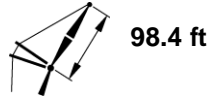
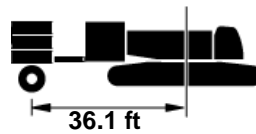
16000 MAX-ER



	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	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	60.8	286.1	234,900 *b							105
110	56.4	282.8	223,300 *b							110
115	51.8	278.9	212,800 *b							115
120	46.9	274.4	203,100 *							120
125	41.5	268.9	194,200 *							125
130	35.4	262.1	185,900 *	54.7	275.4	177,200 *b				130
135	28.1	253.4	178,200 *	50.0	271.3	169,400				135
140	18.0	240.5	170,500	44.9	266.4	162,200				140
145				39.2	260.5	155,400				145
150				32.8	253.1	149,100	52.4	265.9	141,300 b	150
155				24.7	243.2	143,200	47.5	261.4	135,800	155
160				11.7	226.1	137,500	42.1	256.0	130,700	160
165							36.1	249.4	125,800	165
170							29.0	241.0	121,200	170
175							19.4	228.8	116,800	175

16000 MAX-ER

ANSI B30.5



	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
55									55	
60									60	
65									65	
70				70.4	316.7	261,700 *b			70	
75				67.2	314.6	254,400 *b			75	
80				64.0	312.2	247,300 *b			80	
85				60.7	309.4	240,400 *b			85	
90				57.2	306.2	228,000 *	64.8	311.0	252,700 *b	90
95				53.6	302.5	215,600 *	61.5	308.3	243,400 *b	95
100				49.8	298.4	203,600 *	58.1	305.2	233,300 *	100
105				45.8	293.6	192,200 *	54.6	301.7	223,200 *	105
110				41.5	288.1	181,500 *	50.8	297.6	213,100 *	110
115				36.7	281.6	171,600 *	46.9	293.0	203,200 *	115
120				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

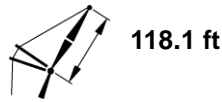
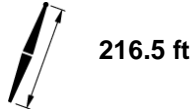
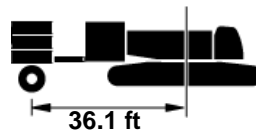
16000 MAX-ER



	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	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	60.5	303.0	211,500 *b							115
120	57.1	299.8	201,900 *							120
125	53.5	296.1	193,000 *							125
130	49.7	292.0	184,900 *							130
135	45.6	287.2	177,300 *							135
140	41.3	281.6	170,000	55.7	292.5	160,900				140
145	36.5	275.0	162,900	52.0	288.6	154,300				145
150	31.0	267.1	156,400	48.1	284.2	148,100				150
155	24.4	257.0	150,200	44.0	279.1	142,400				155
160	15.1	241.8	144,400	39.5	273.2	137,000				160
165				34.5	266.2	131,900	50.1	279.0	124,600	165
170				28.6	257.6	127,100	46.1	274.2	120,200	170
175				21.3	246.1	122,600	41.8	268.7	116,000	175
180				9.0	225.5	118,200	37.0	262.3	112,000	180
185							31.7	254.6	108,200	185
190							25.2	244.7	104,600	190
195							16.4	230.5	101,100	195

16000 MAX-ER

ANSI B30.5

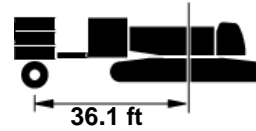
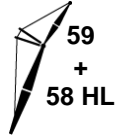


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
60	73.1	338.3	226,000 *b						60	
65	70.5	336.6	217,200 *b						65	
70	67.9	334.5	207,700 *b						70	
75	65.2	332.2	197,800 *						75	
80	62.5	329.7	187,800 *	68.6	333.9	228,600 *b			80	
85	59.7	326.8	177,800 *	66.0	331.6	220,500 *b			85	
90	56.8	323.5	168,200 *	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



216.5 ft



118.1 ft

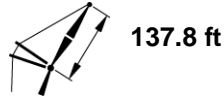
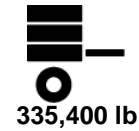
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125	60.3	320.0	191,200 *							125
130	57.5	316.8	183,100 *							130
135	54.5	313.3	175,600 *							135
140	51.4	309.3	168,400							140
145	48.2	304.9	161,500							145
150	44.8	300.0	155,000	56.3	309.5	146,300				150
155	41.1	294.3	148,900	53.3	305.8	140,600				155
160	37.2	287.9	143,300	50.2	301.7	135,300				160
165	32.8	280.4	138,000	46.9	297.1	130,300				165
170	27.8	271.4	133,000	43.4	291.9	125,600				170
175	21.7	259.9	128,300	39.6	286.0	121,200	51.8	296.3	114,100	175
180	13.0	242.6	122,400 *	35.5	279.2	117,000	48.5	291.9	110,200	180
185				31.0	271.2	113,100	45.1	287.0	106,500	185
190				25.6	261.4	109,400	41.5	281.5	103,000	190
195				18.8	248.3	105,800	37.6	275.2	99,700	195
200				6.6	223.7	102,200	33.3	267.8	96,500	200
205							28.4	259.0	93,500	205
210							22.5	247.9	90,600	210
215							14.2	231.6	87,800	215

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

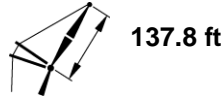
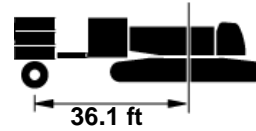
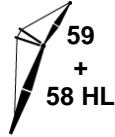


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
65	73.4	357.4	195,000 *b						65	
70	71.2	355.7	188,300 *b						70	
75	69.0	353.8	181,100 *						75	
80	66.7	351.6	173,500 *						80	
85	64.4	349.3	165,600 *	69.6	353.1	198,900 *			85	
90	62.1	346.6	157,800 *	67.3	351.0	193,300 *			90	
95	59.7	343.7	150,000 *	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

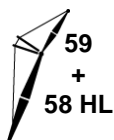
16000 MAX-ER



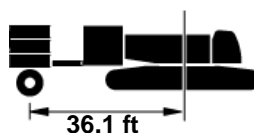
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft		
65									65	
70									70	
75									75	
80									80	
85									85	
90									90	
95									95	
100									100	
105									105	
110									110	
115									115	
120									120	
125									125	
130	62.6	339.8	181,600 *						130	
135	60.2	336.9	174,200 *						135	
140	57.8	333.8	167,100						140	
145	55.2	330.4	160,200						145	
150	52.6	326.6	153,700						150	
155	49.9	322.4	147,700						155	
160	47.1	317.8	142,100	56.8	326.5	133,900			160	
165	44.1	312.7	136,900	54.2	323.0	128,900			165	
170	41.0	307.1	132,000	51.6	319.0	124,300			170	
175	37.7	300.7	127,400	48.9	314.7	119,900			175	
180	34.0	293.5	123,000	46.0	309.9	115,800			180	
185	30.0	285.2	118,900	43.0	304.6	111,900	52.9	313.5	105,100	185
190	25.3	275.2	115,000	39.7	298.7	108,300	50.2	309.4	101,600	190
195	19.6	262.4	111,200	36.3	292.1	104,800	47.4	304.8	98,400	195
200	11.2	242.8	104,500 *	32.5	284.5	101,500	44.5	299.8	95,300	200
205				28.2	275.6	98,300	41.4	294.2	92,300	205
210				23.3	264.7	95,300	38.0	288.0	89,500	210
215				16.9	250.1	92,400	34.4	280.9	86,800	215
220				4.2	220.1	89,400	30.4	272.6	84,300	220
225							25.8	262.9	81,800	225
230							20.3	250.5	79,400	230
235							12.4	232.1	77,100	235

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



	86°			83°			80°			
	ft	ft	lb	ft	lb	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

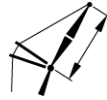


ANSI B30.5

16000 MAX-ER



216.5 ft



157.5 ft

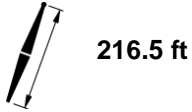
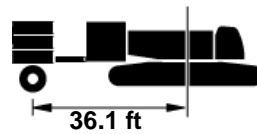
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft		
70									70	
75									75	
80									80	
85									85	
90									90	
95									95	
100									100	
105									105	
110									110	
115									115	
120									120	
125									125	
130									130	
135									135	
140	62.2	356.7	155,600 *						140	
145	60.1	353.9	155,600 *						145	
150	58.0	350.8	152,000						150	
155	55.8	347.4	146,000						155	
160	53.5	343.7	140,500						160	
165	51.2	339.7	135,300						165	
170	48.8	335.4	130,400	57.1	343.5	122,400			170	
175	46.3	330.7	125,800	54.9	340.0	118,100			175	
180	43.7	325.5	121,500	52.6	336.2	114,000			180	
185	40.9	319.8	117,400	50.3	332.1	110,200			185	
190	38.0	313.5	113,600	47.8	327.6	106,600			190	
195	34.9	306.5	109,900	45.3	322.8	103,100			195	
200	31.5	298.6	106,400	42.6	317.4	99,900	51.5	326.7	93,400	200
205	27.7	289.4	103,100	39.8	311.5	96,800	49.1	322.4	90,500	205
210	23.3	278.5	100,000	36.8	305.0	93,800	46.6	317.7	87,700	210
215	17.9	264.5	95,600 *	33.6	297.6	91,000	44.0	312.6	85,100	215
220	9.7	242.5	89,100 *	30.0	289.2	88,300	41.2	307.0	82,600	220
225				26.1	279.5	85,700	38.3	300.8	80,100	225
230				21.3	267.6	83,300	35.2	293.8	77,800	230
235				15.2	251.6	80,900	31.8	286.0	75,600	235
240							28.1	277.0	73,500	240
250							18.5	252.7	69,500	250

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



	86°			83°			80°			
	ft	ft	lb	ft	lb	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

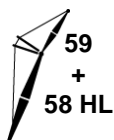
16000 MAX-ER



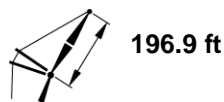
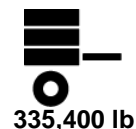
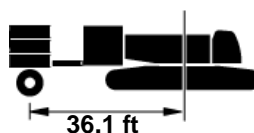
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150	61.9	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	129,100							170
175	52.2	357.0	124,500							175
180	50.1	352.8	120,200	57.4	360.5	112,600				180
185	47.9	348.4	116,200	55.4	357.1	108,800				185
190	45.7	343.5	112,300	53.4	353.4	105,200				190
195	43.3	338.3	108,700	51.4	349.4	101,700				195
200	40.9	332.6	105,300	49.2	345.2	98,500				200
205	38.3	326.3	102,000	47.0	340.5	95,400				205
210	35.5	319.5	98,900	44.8	335.6	92,500	52.4	343.9	86,200	210
215	32.6	311.8	95,600 *	42.4	330.1	89,700	50.3	339.8	83,600	215
220	29.4	303.2	91,500 *	39.9	324.2	87,100	48.1	335.4	81,100	220
225	25.8	293.3	87,600 *	37.2	317.8	84,500	45.9	330.6	78,800	225
230	21.6	281.4	83,900 *	34.4	310.6	82,100	43.6	325.4	76,500	230
235	16.4	266.2	80,300 *	31.4	302.7	79,800	41.1	319.7	74,300	235
240	8.3	241.6	74,300 *	28.0	293.6	77,600	38.6	313.5	72,200	240
250				19.8	270.1	73,300	32.9	299.2	68,300	250
260							26.2	280.9	64,700	260
270							17.0	254.6	61,200	270

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



	86°			83°			80°			
	ft	ft	lb	ft	lb	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

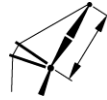


ANSI B30.5

16000 MAX-ER



216.5 ft



196.9 ft

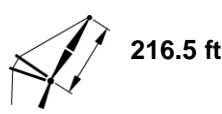
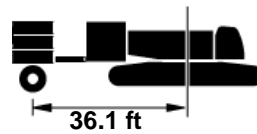
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										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	110,700	57.6	377.5	100,800 *				190
195	49.2	365.9	107,100	55.9	374.1	99,900				195
200	47.2	361.3	103,700	54.1	370.5	96,700				200
205	45.1	356.3	100,500	52.2	366.7	93,700				205
210	43.0	351.0	97,400	50.3	362.5	90,800				210
215	40.8	345.3	94,400	48.4	358.1	88,000				215
220	38.5	339.1	91,000 *	46.4	353.4	85,400				220
225	36.0	332.4	87,200 *	44.3	348.4	82,900	51.3	357.1	76,900	225
230	33.4	325.0	83,600 *	42.2	342.9	80,500	49.4	352.8	74,700	230
235	30.6	316.7	80,100 *	39.9	337.0	78,200	47.4	348.3	72,500	235
240	27.6	307.5	76,900 *	37.6	330.6	76,000	45.4	343.4	70,500	240
250	20.2	284.0	70,800 *	32.4	315.9	71,900	41.1	332.5	66,600	250
260	7.0	240.2	62,100 *	26.3	297.5	68,000	36.3	319.6	63,000	260
270				18.4	272.3	64,500	31.0	304.2	59,700	270
280							24.5	284.5	56,600	280
290							15.8	256.1	53,600	290

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



	86°			83°			80°			
	ft	ft	lb	ft	lb	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



216.5 ft



216.5 ft

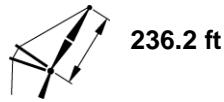
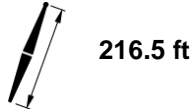
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165	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	92,800	52.9	383.8	86,000 *				215
220	44.7	369.1	89,200 *	51.2	379.9	83,700				220
225	42.8	363.8	85,400 *	49.5	375.6	81,200				225
230	40.8	358.1	81,900 *	47.7	371.1	78,800				230
235	38.7	351.9	78,500 *	45.9	366.3	76,500	52.1	374.3	70,700	235
240	36.5	345.2	75,400 *	44.0	361.1	74,400	50.4	370.2	68,700	240
250	31.7	330.0	69,500 *	40.0	349.7	70,300	46.8	361.2	64,800	250
260	26.0	311.4	64,200 *	35.6	336.5	66,500	43.0	350.9	61,300	260
270	18.9	286.4	59,300 *	30.6	320.8	63,000	38.9	339.1	58,000	270
280	5.8	238.0	51,400 *	24.8	301.2	59,700	34.4	325.3	55,000	280
290				17.2	274.2	56,600	29.3	308.8	52,100	290
300							23.1	287.8	49,500	300
310							14.7	257.4	46,900	310

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

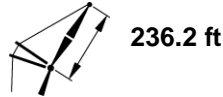


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
95	72.9	451.1	94,400 *						95	
100	71.7	449.5	93,800 *						100	
105	70.4	447.7	91,700 *						105	
110	69.1	445.8	89,500 *						110	
115	67.8	443.7	87,100 *	70.7	446.9	92,000 *			115	
120	66.4	441.6	84,700 *	69.4	445.1	91,900 *			120	
125	65.1	439.2	82,300 *	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



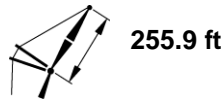
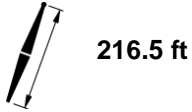
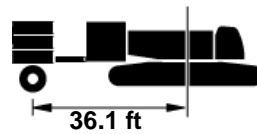
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175	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	72,700				240
250	38.8	364.7	68,500 *	45.4	379.1	68,700	51.2	387.5	63,100	250
260	34.7	351.0	63,200 *	41.9	368.4	64,900	47.9	378.8	59,600	260
270	30.1	334.8	58,400 *	38.0	356.2	61,500	44.6	369.0	56,400	270
280	24.7	315.0	54,000 *	33.9	342.1	58,200	40.9	358.0	53,400	280
290	17.8	288.4	49,800 *	29.1	325.4	55,200	37.0	345.3	50,500 *	290
300	4.5	234.8	42,400 *	23.5	304.6	52,400	32.7	330.6	47,700 *	300
310				16.2	275.9	49,300 *	27.8	313.0	45,000 *	310
320							21.9	290.8	42,500 *	320
330							13.7	258.4	40,000 *	330

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

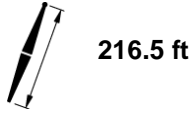


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
100	73.1	470.2	81,600 *						100	
105	71.9	468.6	81,400 *						105	
110	70.8	466.8	80,700 *						110	
115	69.6	465.0	79,000 *						115	
120	68.4	463.0	77,200 *						120	
125	67.1	460.9	75,300 *	69.9	464.2	79,100 *			125	
130	65.9	458.6	73,300 *	68.7	462.3	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



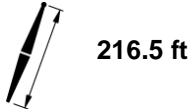
ft	75°			70°			65°			ft
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										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	60,100	48.9	396.3	54,800 *	270
280	33.1	356.4	52,800 *	40.0	375.3	56,900	45.8	386.9	51,600 *	280
290	28.7	339.3	48,900 *	36.4	362.3	53,900	42.6	376.4	48,600 *	290
300	23.5	318.4	45,200 *	32.3	347.3	51,200	39.1	364.6	45,800 *	300
310	16.8	290.3	41,700 *	27.8	329.6	48,400 *	35.4	351.2	43,200 *	310
320	3.0	229.6	34,400 *	22.4	307.7	44,800 *	31.2	335.6	40,700 *	320
330				15.2	277.3	41,300 *	26.5	317.1	38,400 *	330
340							20.8	293.6	36,200 *	340
350							12.8	259.2	34,000 *	350

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



	86°			83°			80°			
	ft	ft	lb	ft	lb	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



216.5 ft

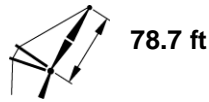
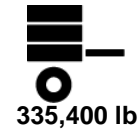
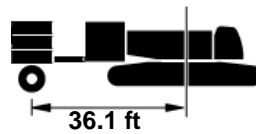


275.6 ft

	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
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	52,300	46.9	404.6	46,200 *	290
300	31.8	361.5	44,200 *	38.4	381.8	49,500	44.0	394.6	43,500 *	300
310	27.5	343.5	40,800 *	34.9	368.0	46,900 *	40.9	383.4	40,900 *	310
320	22.5	321.5	37,600 *	31.0	352.3	43,800 *	37.5	370.9	38,400 *	320
330	16.0	291.9	34,600 *	26.6	333.6	40,400 *	33.9	356.7	36,100 *	330
340				21.4	310.6	37,300 *	29.9	340.4	34,000 *	340
350				14.4	278.5	34,200 *	25.4	320.8	31,900 *	350
360							19.8	296.1	29,900 *	360
370							12.0	259.7	28,000 *	370

16000 MAX-ER

ANSI B30.5

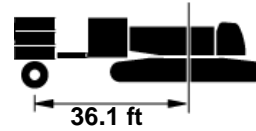
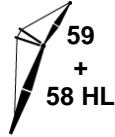


	86°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
50	73.0	320.3	269,900 *d							50
55	69.2	318.4	259,500 *c							55
60	65.2	316.1	246,800 *b							60
65	61.0	313.3	233,700 *b							65
70	56.7	310.1	220,700 *b	67.1	315.9	268,800 *c				70
75	52.1	306.2	208,100 *b	63.0	313.3	257,300 *b				75
80	47.2	301.7	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

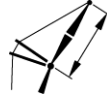


ANSI B30.5

16000 MAX-ER



236.2 ft

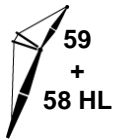


78.7 ft

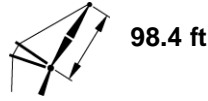
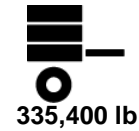
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft		
50									50	
55									55	
60									60	
65									65	
70									70	
75									75	
80									80	
85									85	
90									90	
95									95	
100									100	
105									105	
110	60.9	305.1	219,200 *b						110	
115	56.5	301.9	208,900 *b						115	
120	51.9	298.0	199,400 *b						120	
125	47.0	293.5	190,700 *						125	
130	41.6	288.0	182,600 *						130	
135	35.5	281.3	175,100 *	56.3	295.2	165,100 b			135	
140	28.3	272.6	167,800	51.7	291.3	158,000 b			140	
145	18.3	259.8	159,200 *	46.7	286.7	151,500			145	
150				41.3	281.1	145,400			150	
155				35.1	274.3	139,700			155	
160				27.8	265.5	134,300	50.8	282.3	126,200 b	
165				17.5	252.3	129,200	45.7	277.5	121,500	
170							40.2	271.8	117,100	
175							33.9	264.7	113,000	
180							26.1	255.3	109,000	
185							14.7	240.4	105,100	

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

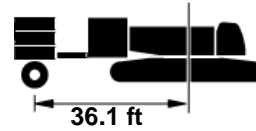
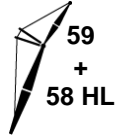


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
55	73.5	339.4	232,200 *c						55	
60	70.4	337.6	223,100 *c						60	
65	67.3	335.5	213,100 *b						65	
70	64.0	333.1	202,900 *b						70	
75	60.7	330.3	192,400 *b	68.8	335.2	232,500 *b			75	
80	57.2	327.1	182,100 *	65.6	332.9	224,500 *b			80	
85	53.6	323.4	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



236.2 ft

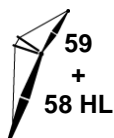


98.4 ft

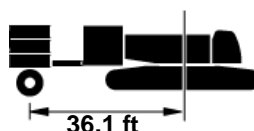
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
55										55
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120	60.6	322.1	198,100 *b							120
125	57.1	318.9	189,400 *							125
130	53.5	315.2	181,400 *							130
135	49.7	311.1	174,000 *							135
140	45.7	306.3	166,900							140
145	41.4	300.7	160,000	56.9	312.2	150,200				145
150	36.6	294.2	153,600	53.3	308.5	144,200				150
155	31.1	286.3	147,600	49.5	304.3	138,600				155
160	24.6	276.2	141,900	45.5	299.5	133,300				160
165	15.4	261.2	133,100 *	41.1	293.9	128,400				165
170				36.3	287.3	123,800	52.6	299.6	115,800	170
175				30.8	279.3	119,400	48.8	295.3	111,800	175
180				24.1	269.0	115,300	44.7	290.3	108,000	180
185				14.6	253.5	111,300	40.2	284.5	104,300	185
190							35.3	277.7	100,900	190
195							29.6	269.4	97,600	195
200							22.7	258.5	94,500	200
205							12.0	240.8	91,400	205

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

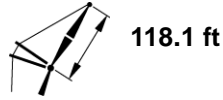


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
60	73.8	358.4	200,000 *c						60	
65	71.2	356.7	192,900 *b						65	
70	68.6	354.8	185,200 *b						70	
75	66.0	352.5	177,200 *b						75	
80	63.3	350.0	168,900 *	69.9	354.4	200,500 *b			80	
85	60.5	347.2	160,600 *	67.2	352.3	196,500 *b			85	
90	57.6	344.1	152,500 *	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

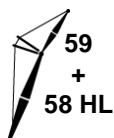
16000 MAX-ER



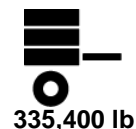
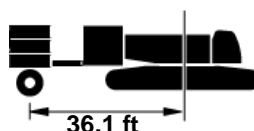
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft		
60									60	
65									65	
70									70	
75									75	
80									80	
85									85	
90									90	
95									95	
100									100	
105									105	
110									110	
115									115	
120									120	
125									125	
130	60.4	339.0	179,500 *						130	
135	57.5	335.9	172,200 *						135	
140	54.6	332.4	165,300						140	
145	51.5	328.4	158,400						145	
150	48.2	324.0	152,000						150	
155	44.8	319.1	146,100	57.4	329.2	136,700			155	
160	41.2	313.5	140,600	54.4	325.6	131,500			160	
165	37.2	307.1	135,400	51.3	321.7	126,700			165	
170	32.9	299.6	130,500	48.0	317.2	122,100			170	
175	27.9	290.6	125,900	44.6	312.3	117,800			175	
180	21.9	279.2	119,600 *	41.0	306.6	113,800			180	
185	13.2	262.0	111,900 *	37.0	300.2	110,000	50.7	312.7	102,500	185
190				32.6	292.6	106,400	47.4	308.2	99,100	190
195				27.6	283.5	102,900	44.0	303.1	95,900	195
200				21.4	271.9	99,600	40.2	297.3	92,900	200
205				12.5	254.1	96,400	36.2	290.7	90,000	205
210							31.7	282.9	87,200	210
215							26.5	273.4	84,600	215
220							20.1	261.1	82,000	220
225							9.8	240.5	79,500	225

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

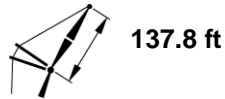
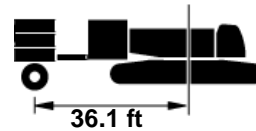
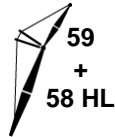


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
70	71.8	375.8	167,900 *b						70	
75	69.6	374.0	161,900 *b						75	
80	67.4	371.9	155,600 *						80	
85	65.1	369.6	149,000 *	70.7	373.5	173,700 *b			85	
90	62.7	367.0	142,400 *	68.4	371.6	172,600 *			90	
95	60.3	364.2	135,800 *	66.2	369.4	167,200 *			95	
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

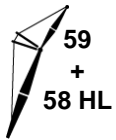
16000 MAX-ER



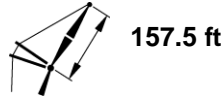
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135	62.7	358.8	162,100 *							135
140	60.3	356.0	161,600 *							140
145	57.8	352.9	157,100							145
150	55.3	349.4	150,700							150
155	52.7	345.6	144,900							155
160	50.0	341.5	139,400							160
165	47.2	336.9	134,200	57.7	346.2	125,200				165
170	44.2	331.9	129,400	55.1	342.7	120,700				170
175	41.1	326.2	124,900	52.5	338.9	116,500				175
180	37.7	319.9	120,600	49.8	334.7	112,500				180
185	34.1	312.7	116,600	47.0	330.1	108,700				185
190	30.0	304.4	112,700	44.0	325.0	105,100				190
195	25.4	294.4	108,000 *	40.9	319.4	101,700	52.0	330.0	94,500	195
200	19.7	281.7	102,300 *	37.5	313.0	98,500	49.3	325.7	91,500	200
205	11.4	262.3	95,900 *	33.8	305.7	95,500	46.4	321.0	88,600	205
210				29.8	297.3	92,600	43.4	315.8	85,900	210
215				25.1	287.2	89,800	40.3	310.0	83,400	215
220				19.3	274.3	87,100	36.8	303.5	80,900	220
225				10.7	254.1	84,400	33.1	296.1	78,500	225
230							29.0	287.4	76,300	230
235							24.1	276.9	74,100	235
240							18.0	263.2	72,000	240

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

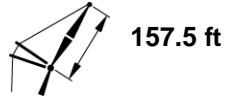
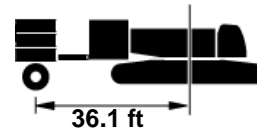


	86°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
75	72.3	394.9	146,600 *b							75
80	70.3	393.1	141,800 *							80
85	68.4	391.2	136,900 *							85
90	66.4	389.0	131,700 *							90
95	64.4	386.6	126,500 *	69.3	390.8	150,400 *				95
100	62.3	384.0	121,200 *	67.3	388.7	147,600 *				100
105	60.2	381.1	115,900 *	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

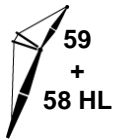
16000 MAX-ER



ft	75°			70°			65°			ft
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
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	132,500							165
170	51.3	358.8	127,700							170
175	48.8	354.5	123,200	57.9	363.2	114,500				175
180	46.3	349.8	119,000	55.7	359.8	110,600				180
185	43.7	344.6	115,000	53.4	356.1	106,800				185
190	41.0	339.0	111,200	51.1	352.1	103,300				190
195	38.1	332.7	107,600	48.7	347.7	100,000				195
200	34.9	325.7	104,200	46.2	343.0	96,800				200
205	31.5	317.8	101,000	43.6	337.8	93,800				205
210	27.7	308.6	97,100 *	40.8	332.1	90,900	50.7	343.1	84,000	210
215	23.4	297.7	92,700 *	37.9	325.8	88,200	48.2	338.7	81,500	215
220	18.0	283.8	87,900 *	34.7	318.8	85,600	45.7	333.9	79,100	220
225	9.9	262.1	82,400 *	31.3	310.8	83,100	43.1	328.6	76,800	225
230				27.5	301.6	80,700	40.3	322.8	74,500	230
235				23.1	290.5	78,400	37.3	316.4	72,400	235
240				17.6	276.3	76,200	34.1	309.2	70,400	240
250							26.7	291.5	66,500	250
260							16.4	264.9	62,900	260

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

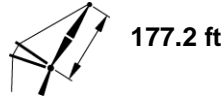


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
80									80	
85									85	
90									90	
95									95	
100				70.0	410.0	130,000 *			100	
105				68.2	408.0	130,000 *			105	
110				66.5	405.8	127,200 *			110	
115				64.7	403.4	123,600 *			115	
120				62.9	400.9	119,700 *	67.3	404.8	126,500 *	120
125				61.0	398.1	115,800 *	65.5	402.5	126,500 *	125
130				59.2	395.1	111,700 *	63.7	400.1	126,500 *	130
135				57.2	391.9	107,600 *	61.9	397.4	126,500 *	135
140				55.3	388.5	103,500 *	60.0	394.5	125,600 *	140
145				53.3	384.8	99,400 *	58.1	391.4	122,000 *	145
150				51.2	380.8	95,500 *	56.2	388.1	118,200 *	150
155				49.1	376.5	91,600 *	54.2	384.5	114,300 *	155
160				46.8	371.8	87,900 *	52.1	380.7	110,400 *	160
165				44.6	366.8	84,300 *	50.0	376.5	106,400 *	165
170				42.2	361.4	80,900 *	47.9	372.0	102,400 *	170
175				39.6	355.4	77,700 *	45.6	367.2	98,600 *	175
180				37.0	348.9	74,700 *	43.3	361.9	94,800 *	180
185				34.2	341.7	71,900 *	40.8	356.2	91,100 *	185
190				31.1	333.6	69,300 *	38.2	350.0	87,600 *	190
195				27.7	324.4	67,000 *	35.5	343.1	84,300 *	195
200				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



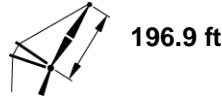
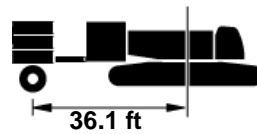
ft	75°			70°			65°			ft
	ft	lb	ft	lb	ft	lb	ft	lb		
80									80	
85									85	
90									90	
95									95	
100									100	
105									105	
110									110	
115									115	
120									120	
125									125	
130									130	
135									135	
140									140	
145									145	
150									150	
155	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	109,900	56.1	376.8	101,900			190	
195	45.7	362.6	106,400	54.1	373.2	98,500			195	
200	43.4	357.4	103,000	52.1	369.3	95,400			200	
205	40.9	351.7	99,800	50.0	365.2	92,400			205	
210	38.3	345.5	96,800	47.8	360.7	89,600			210	
215	35.6	338.6	93,900 *	45.6	355.8	86,900			215	
220	32.6	331.0	90,400 *	43.2	350.6	84,300	51.7	360.4	77,600	220
225	29.4	322.4	86,900 *	40.8	344.9	81,800	49.6	356.2	75,300	225
230	25.8	312.5	83,400 *	38.2	338.6	79,500	47.4	351.6	73,100	230
235	21.7	300.7	79,600 *	35.4	331.7	77,200	45.1	346.7	71,000	235
240	16.5	285.5	75,600 *	32.5	324.0	75,100	42.8	341.4	69,000	240
250				25.6	305.4	71,000	37.7	329.2	65,200	250
260				16.2	278.0	67,100	31.9	314.3	61,700	260
270							24.9	295.1	58,500	270
280							15.0	266.2	55,400	280

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

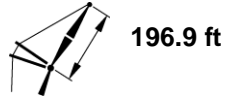


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
85									85	
90									90	
95									95	
100									100	
105				70.5	429.1	112,600 *			105	
110	72.9	433.1	112,700 *	69.0	427.2	112,600 *			110	
115	71.3	431.4	109,900 *	67.4	425.1	112,600 *			115	
120	69.8	429.5	106,800 *	65.8	422.9	110,000 *			120	
125	68.2	427.6	103,600 *	64.2	420.4	107,100 *			125	
130	66.6	425.4	100,300 *	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



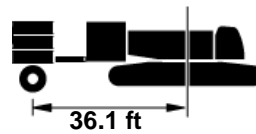
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165	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	93,500				200
205	47.2	380.4	97,800 *	54.7	390.3	90,600				205
210	45.2	375.4	95,100 *	52.9	386.5	87,800				210
215	43.1	370.1	92,300	51.0	382.5	85,100				215
220	40.9	364.4	89,600 *	49.1	378.2	82,500				220
225	38.5	358.2	86,800 *	47.1	373.6	80,100				225
230	36.1	351.5	84,000 *	45.1	368.6	77,800	52.5	377.6	71,200	230
235	33.5	344.1	81,100 *	42.9	363.3	75,500	50.6	373.5	69,100	235
240	30.7	335.9	78,200 *	40.7	357.6	73,400	48.7	369.2	67,200	240
250	24.2	316.0	72,100 *	35.9	344.6	69,400	44.7	359.5	63,400	250
260	15.3	287.0	65,400 *	30.5	328.9	65,700	40.3	348.3	60,000	260
270				24.0	308.8	62,200	35.5	335.1	56,800	270
280				14.9	279.3	59,000	30.0	319.1	53,800	280
290							23.3	298.4	51,100	290
300							13.7	267.2	48,300 *	300

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



	86°			83°			80°			
	ft	ft	lb	ft	lb	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

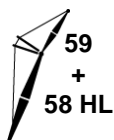
16000 MAX-ER



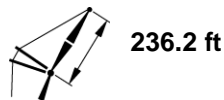
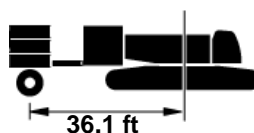
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										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	78,300				225
230	42.8	382.9	82,100 *	50.1	395.6	76,000				230
235	40.8	377.2	79,800 *	48.3	391.2	73,800				235
240	38.7	371.0	77,400 *	46.5	386.5	71,700				240
250	34.2	357.1	72,400 *	42.7	376.1	67,700	49.8	386.6	61,600	250
260	29.0	340.5	66,900 *	38.6	364.2	64,100	46.2	377.4	58,200	260
270	22.8	319.2	61,800 *	34.0	350.2	60,700	42.3	366.9	55,100	270
280	14.2	288.1	56,400 *	28.9	333.4	57,500	38.2	354.8	52,000 *	280
290				22.6	312.0	54,500	33.6	340.6	49,100 *	290
300				13.8	280.4	51,700	28.3	323.5	46,300 *	300
310							21.9	301.5	43,700 *	310
320							12.7	268.0	41,100 *	320

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



	86°			83°			80°			
	ft	ft	lb	ft	lb	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



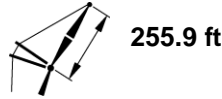
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
95										95
100										100
105										105
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115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
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	66,100				250
260	36.8	377.2	65,800 *	44.3	394.3	62,400	50.6	404.0	56,100 *	260
270	32.5	362.4	60,800 *	40.7	383.1	59,100	47.4	395.1	52,800 *	270
280	27.6	344.7	56,200 *	36.7	370.3	56,000	44.0	385.1	49,700 *	280
290	21.6	322.2	51,900 *	32.4	355.5	53,100	40.3	373.8	46,800 *	290
300	13.2	289.0	47,800 *	27.4	337.6	50,300	36.3	360.9	44,100 *	300
310				21.4	314.9	47,800	31.9	345.7	41,600 *	310
320				12.8	281.1	45,300 *	26.9	327.5	39,200 *	320
330							20.7	304.2	36,900 *	330
340							11.7	268.4	34,600 *	340

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

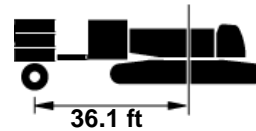
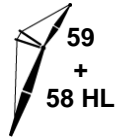


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
100	73.4	490.3	75,300 *						100	
105	72.3	488.7	74,900 *						105	
110	71.1	487.0	73,400 *						110	
115	69.9	485.1	71,800 *						115	
120	68.7	483.2	70,200 *						120	
125	67.5	481.1	68,500 *	70.5	484.7	73,100 *			125	
130	66.2	478.9	66,700 *	69.3	482.8	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

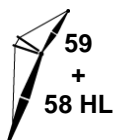
16000 MAX-ER



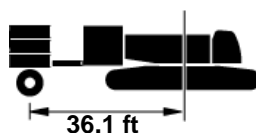
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
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	57,700	51.4	421.2	50,800 *	270
280	35.2	383.0	55,000 *	42.3	401.6	54,600	48.4	412.6	47,700 *	280
290	31.0	367.4	50,900 *	38.9	389.7	51,700	45.3	403.1	44,900 *	290
300	26.3	348.6	47,100 *	35.1	376.1	49,000	42.0	392.4	42,200 *	300
310	20.5	324.9	43,500 *	30.9	360.4	46,300 *	38.5	380.3	39,700 *	310
320	12.3	289.6	40,000 *	26.1	341.5	43,700 *	34.7	366.6	37,300 *	320
330				20.3	317.6	41,200 *	30.5	350.6	35,100 *	330
340				12.0	281.6	38,800 *	25.6	331.4	33,000 *	340
350							19.7	306.7	31,000 *	350
360							10.8	268.6	29,000 *	360

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

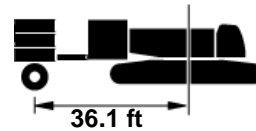
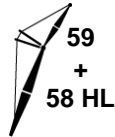


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
105	73.6	509.3	64,600 *						105	
110	72.5	507.7	64,100 *						110	
115	71.4	506.1	63,800 *						115	
120	70.3	504.3	63,100 *						120	
125	69.2	502.4	61,900 *						125	
130	68.0	500.4	60,500 *	70.8	503.8	62,400 *			130	
135	66.9	498.2	59,100 *	69.7	501.9	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

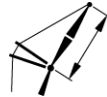


ANSI B30.5

16000 MAX-ER



236.2 ft

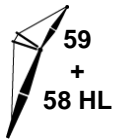


275.6 ft

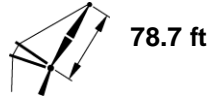
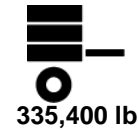
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175										175
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 *				270
280	40.7	415.4	54,000 *	46.7	429.9	49,300 *	52.0	438.5	45,000 *	280
290	37.4	402.9	49,900 *	43.7	419.8	49,300 *	49.3	430.1	42,400 *	290
300	33.7	388.6	46,100 *	40.6	408.6	46,800 *	46.4	420.9	39,700 *	300
310	29.7	372.1	42,500 *	37.3	396.0	44,100 *	43.5	410.6	37,300 *	310
320	25.1	352.4	39,200 *	33.6	381.6	41,500 *	40.3	399.3	35,000 *	320
330	19.5	327.4	36,100 *	29.6	365.0	39,100 *	36.9	386.5	32,800 *	330
340	11.5	290.0	33,100 *	25.0	345.2	36,800 *	33.3	372.0	30,700 *	340
350				19.3	320.0	34,700 *	29.2	355.2	28,800 *	350
360				11.2	281.9	32,500 *	24.5	335.0	26,900 *	360
370							18.7	309.0	25,100 *	370
380							10.0	268.4	23,300 *	380

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



	86°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	lb	ft	
55										55
60										60
65										65
70				69.0	336.5	225,100 *c				70
75				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

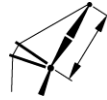


ANSI B30.5

16000 MAX-ER



255.9 ft

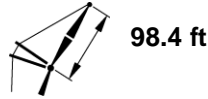
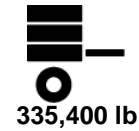
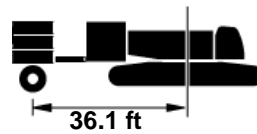
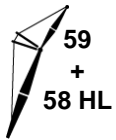


78.7 ft

	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	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	205,100 *b							115
120	56.6	321.0	195,800 *b							120
125	52.0	317.1	187,200 *b							125
130	47.1	312.6	179,300 *							130
135	41.7	307.1	171,900 *							135
140	35.7	300.4	164,900	57.8	314.9	153,900 b				140
145	28.4	291.8	158,000	53.3	311.2	147,600 b				145
150	18.5	279.2	151,400	48.5	306.9	141,600				150
155				43.2	301.7	136,100				155
160				37.4	295.4	130,900				160
165				30.5	287.4	126,000				165
170				21.6	276.2	121,400	49.1	298.6	113,000 b	170
175							43.9	293.6	109,000	175
180							38.2	287.4	105,300	180
185							31.5	279.7	101,700	185
190							23.0	269.2	98,200	190
195							6.7	247.4	94,700	195

16000 MAX-ER

ANSI B30.5



	86°			83°			80°			
	ft	ft	lb	ft	lb	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

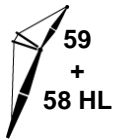
16000 MAX-ER



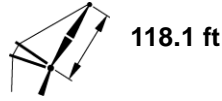
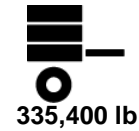
	75°			70°			65°			ft
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125	60.7	341.2	185,900 *b							125
130	57.2	338.0	178,000 *							130
135	53.6	334.3	170,700 *							135
140	49.8	330.2	163,900							140
145	45.8	325.4	157,100							145
150	41.4	319.9	150,800							150
155	36.7	313.4	144,900	54.6	328.4	134,800				155
160	31.2	305.5	139,400	50.8	324.3	129,700				160
165	24.7	295.4	134,200	46.9	319.7	125,000				165
170	15.6	280.6	126,400 *	42.6	314.4	120,500				170
175				38.0	308.2	116,200				175
180				32.8	300.8	112,200	51.3	316.0	104,000	180
185				26.6	291.4	108,400	47.4	311.5	100,500	185
190				18.5	278.4	104,800	43.2	306.3	97,200	190
195							38.6	300.2	94,100	195
200							33.5	293.0	91,100	200
205							27.5	284.0	88,200	205
210							19.8	271.6	85,400	210

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

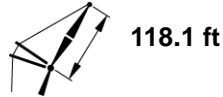


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
65									65	
70									70	
75									75	
80									80	
85				68.5	372.9	169,400 *b			85	
90				65.9	370.6	166,900 *b			90	
95				63.1	368.1	160,800 *			95	
100				60.4	365.3	154,400 *	67.6	370.0	167,900 *b	100
105				57.5	362.1	148,100 *	64.9	367.7	167,600 *b	105
110				54.5	358.6	141,700 *	62.2	365.0	166,700 *	110
115				51.4	354.6	135,400 *	59.4	362.1	163,900 *	115
120				48.2	350.2	129,300 *	56.5	358.8	158,000 *	120
125				44.8	345.3	123,500 *	53.5	355.1	151,900 *	125
130				41.1	339.6	118,100 *	50.4	351.0	145,800 *	130
135				37.2	333.2	113,000 *	47.1	346.5	139,800 *	135
140				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



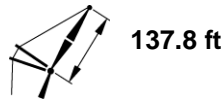
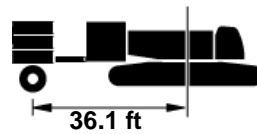
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135	60.5	358.1	162,600 *							135
140	57.6	355.0	160,500 *							140
145	54.6	351.5	155,400							145
150	51.5	347.5	149,100							150
155	48.3	343.1	143,300							155
160	44.9	338.2	137,900							160
165	41.3	332.6	132,800	55.4	345.4	123,100				165
170	37.3	326.2	128,000	52.4	341.6	118,600				170
175	33.0	318.8	123,500	49.2	337.3	114,500				175
180	28.0	309.8	119,300	45.8	332.6	110,500				180
185	22.0	298.5	113,800 *	42.3	327.2	106,800				185
190	13.4	281.5	107,300 *	38.4	321.0	103,300	52.8	333.3	95,200	190
195				34.2	313.9	100,000	49.6	329.1	92,200	195
200				29.4	305.4	96,800	46.3	324.4	89,200	200
205				23.7	294.8	93,800	42.7	319.1	86,500	205
210				16.2	280.1	90,800	38.9	313.0	83,800	210
215							34.8	306.0	81,300	215
220							30.1	297.8	78,900	220
225							24.6	287.5	76,500	225
230							17.4	273.6	74,200	230

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

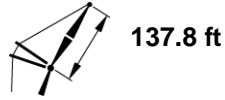
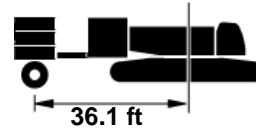
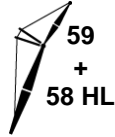


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
70	72.4	395.9	147,900 *b						70	
75	70.2	394.1	143,000 *b						75	
80	68.0	392.1	137,800 *						80	
85	65.7	389.9	132,500 *						85	
90	63.4	387.4	127,000 *	69.5	392.1	148,500 *b			90	
95	61.0	384.6	121,600 *	67.3	390.0	147,600 *			95	
100	58.6	381.6	116,300 *	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



	75°			70°			65°			
	ft	ft	lb	ft	lb	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	131,500						165	
170	47.2	356.0	126,800						170	
175	44.3	351.0	122,400	56.0	362.5	113,000			175	
180	41.1	345.3	118,200	53.4	358.8	109,100			180	
185	37.8	339.0	114,200	50.8	354.7	105,500			185	
190	34.1	331.9	110,500	48.0	350.3	102,000			190	
195	30.1	323.5	106,900	45.1	345.4	98,700			195	
200	25.5	313.6	102,600 *	42.0	339.9	95,600			200	
205	19.8	301.0	97,800 *	38.7	333.8	92,600	51.1	346.5	85,000	205
210	11.6	281.9	92,400 *	35.2	326.9	89,800	48.4	342.1	82,400	210
215				31.2	318.9	87,100	45.5	337.2	79,900	215
220				26.8	309.5	84,500	42.4	331.8	77,600	220
225				21.5	297.7	82,000	39.1	325.8	75,300	225
230				14.3	281.2	79,600	35.6	319.0	73,100	230
235							31.8	311.2	71,000	235
240							27.4	302.0	69,000	240
250							15.5	275.0	65,200	250

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

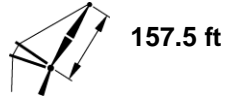


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
75	72.8	415.0	129,400 *b						75	
80	70.9	413.3	125,500 *						80	
85	68.9	411.4	121,500 *						85	
90	66.9	409.2	117,200 *						90	
95	64.9	406.9	112,900 *	70.2	411.2	129,400 *			95	
100	62.9	404.4	108,500 *	68.3	409.3	129,100 *			100	
105	60.8	401.6	104,200 *	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

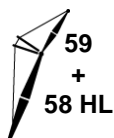
16000 MAX-ER



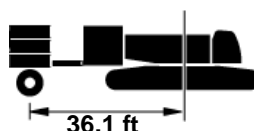
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft		
75									75	
80									80	
85									85	
90									90	
95									95	
100									100	
105									105	
110									110	
115									115	
120									120	
125									125	
130									130	
135									135	
140									140	
145									145	
150	62.3	394.9	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	103,500			185	
190	43.8	363.7	108,600 *	54.2	375.9	100,100			190	
195	41.0	358.1	105,200 *	51.9	372.0	96,900			195	
200	38.1	351.8	101,900 *	49.5	367.8	93,800			200	
205	35.0	344.8	98,400 *	47.1	363.2	90,800			205	
210	31.6	337.0	94,900 *	44.5	358.2	88,100			210	
215	27.8	327.8	91,300 *	41.8	352.6	85,400	52.2	363.7	78,000	
220	23.5	317.0	87,600 *	38.9	346.6	82,900	49.9	359.5	75,600	
225	18.1	303.1	83,600 *	35.9	339.8	80,500	47.4	355.0	73,400	
230	10.1	281.7	78,900 *	32.5	332.2	78,200	44.8	350.0	71,300	
235				28.9	323.4	75,900	42.1	344.5	69,200	
240				24.7	313.1	73,800	39.3	338.5	67,300	
250				12.8	282.0	69,700	33.0	324.4	63,600	
260							25.3	305.7	60,200	
270							13.9	276.1	56,900	

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

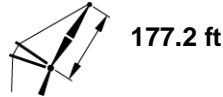


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
80	73.1	434.1	113,800 *						80	
85	71.4	432.4	110,700 *						85	
90	69.6	430.5	107,500 *						90	
95	67.9	428.5	104,100 *						95	
100	66.1	426.3	100,600 *	70.8	430.4	113,400 *			100	
105	64.3	423.9	97,100 *	69.1	428.5	113,300 *			105	
110	62.5	421.3	93,500 *	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



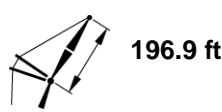
ft	75°			70°			65°			ft
	ft	lb	ft	lb	ft	lb	ft	lb		
80									80	
85									85	
90									90	
95									95	
100									100	
105									105	
110									110	
115									115	
120									120	
125									125	
130									130	
135									135	
140									140	
145									145	
150									150	
155									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	95,400			195	
200	45.7	381.7	99,500 *	54.8	393.0	92,300			200	
205	43.4	376.5	96,700 *	52.8	389.2	89,400			205	
210	41.0	370.8	93,900 *	50.7	385.1	86,600			210	
215	38.4	364.6	91,100 *	48.6	380.8	84,000			215	
220	35.6	357.8	88,300 *	46.4	376.1	81,500			220	
225	32.7	350.2	85,400 *	44.0	370.9	79,100			225	
230	29.5	341.6	82,400 *	41.6	365.4	76,800	51.0	376.9	69,800	230
235	25.9	331.7	79,400 *	39.1	359.3	74,600	48.9	372.5	67,800	235
240	21.8	319.9	76,200 *	36.4	352.7	72,500	46.6	367.9	65,800	240
250	8.8	281.1	68,600 *	30.4	337.0	68,600	41.9	357.3	62,200	250
260				22.9	316.3	64,900	36.7	344.7	58,900	260
270				11.5	282.3	61,400	30.8	329.3	55,700	270
280							23.5	309.1	52,800	280
290							12.5	276.7	49,900 *	290

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

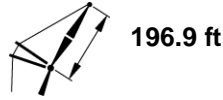


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
85	73.3	453.1	100,000 *						85	
90	71.8	451.5	97,600 *						90	
95	70.2	449.7	95,100 *						95	
100	68.7	447.8	92,400 *						100	
105	67.1	445.6	89,500 *						105	
110	65.5	443.4	86,700 *	69.7	447.6	99,100 *			110	
115	63.9	440.9	83,800 *	68.2	445.6	99,000 *			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



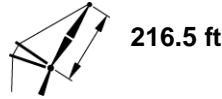
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft		
85									85	
90									90	
95									95	
100									100	
105									105	
110									110	
115									115	
120									120	
125									125	
130									130	
135									135	
140									140	
145									145	
150									150	
155									155	
160									160	
165									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	82,200			215	
220	43.1	389.3	86,200 *	51.7	402.4	79,700			220	
225	40.9	383.6	83,800 *	49.8	398.2	77,300			225	
230	38.6	377.4	81,400 *	47.8	393.7	75,100			230	
235	36.1	370.7	79,100 *	45.8	388.9	72,900			235	
240	33.5	363.3	76,600 *	43.7	383.7	70,800	51.9	394.1	63,900	240
250	27.7	345.9	71,600 *	39.2	372.1	66,900	48.1	385.5	60,300	250
260	20.3	322.6	66,200 *	34.3	358.3	63,300	44.0	375.6	56,900 *	260
270	7.5	279.9	59,500 *	28.5	341.4	60,000	39.5	364.1	53,700 *	270
280				21.5	319.2	56,900	34.6	350.5	50,700 *	280
290				10.3	282.2	53,800	29.0	333.8	47,800 *	290
300							22.0	312.1	45,100 *	300
310							11.4	277.0	42,400 *	310

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

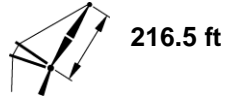


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
90	73.5	472.2	88,000 *						90	
95	72.1	470.6	86,100 *						95	
100	70.7	468.8	84,100 *						100	
105	69.3	467.0	81,900 *						105	
110	67.8	464.9	79,600 *						110	
115	66.4	462.7	77,300 *	70.2	466.8	86,700 *			115	
120	64.9	460.4	75,000 *	68.8	464.9	86,600 *			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



	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										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	71,100				235
240	40.8	396.3	74,700 *	49.0	411.2	69,100				240
250	36.6	383.5	70,700 *	45.3	401.7	65,200	52.6	411.3	57,900 *	250
260	31.8	368.4	66,500 *	41.4	390.9	61,700	49.2	403.0	54,500 *	260
270	26.2	349.8	62,100 *	37.2	378.4	58,400	45.5	393.5	51,300 *	270
280	19.1	325.0	57,300 *	32.4	363.6	55,300	41.7	382.8	48,300 *	280
290	6.4	278.0	51,400 *	27.0	345.5	52,400	37.4	370.4	45,500 *	290
300				20.2	321.9	49,700	32.8	355.8	42,900 *	300
310				9.2	281.8	47,100	27.4	338.0	40,400 *	310
320							20.7	314.8	38,100 *	320
330							10.3	277.0	35,700 *	330

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

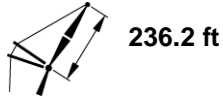


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
95	73.6	491.3	77,400 *						95	
100	72.4	489.7	75,900 *						100	
105	71.1	488.0	74,200 *						105	
110	69.8	486.1	72,500 *						110	
115	68.5	484.2	70,700 *						115	
120	67.2	482.0	68,900 *	70.7	485.9	75,900 *			120	
125	65.8	479.8	67,000 *	69.4	484.1	75,800 *			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

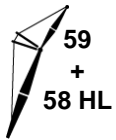
16000 MAX-ER



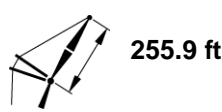
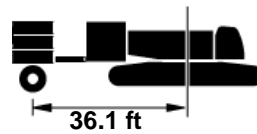
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175										175
180										180
185	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	60,000				260
270	34.8	389.3	61,400 *	43.1	409.3	56,700	50.1	420.4	48,800 *	270
280	30.2	373.2	57,700 *	39.4	397.6	53,700	46.8	411.3	45,900 *	280
290	24.8	353.4	53,800 *	35.4	384.2	50,900	43.4	401.1	43,200 *	290
300	18.0	327.1	49,600 *	30.8	368.5	48,000 *	39.7	389.6	40,600 *	300
310	5.2	275.4	42,400 *	25.6	349.4	45,300 *	35.6	376.3	38,200 *	310
320				19.0	324.2	42,800 *	31.1	360.8	35,900 *	320
330				8.2	280.9	40,200 *	26.0	341.9	33,800 *	330
340							19.5	317.3	31,700 *	340
350							9.3	276.6	29,600 *	350

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



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

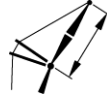


ANSI B30.5

16000 MAX-ER



255.9 ft

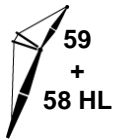


255.9 ft

	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
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	52,000 *	50.9	437.7	43,900 *	280
290	33.2	394.7	52,500 *	41.2	416.4	49,000 *	47.9	428.9	41,200 *	290
300	28.8	377.7	49,200 *	37.7	404.0	46,200 *	44.8	419.2	38,600 *	300
310	23.6	356.8	45,700 *	33.8	389.8	43,600 *	41.5	408.3	36,300 *	310
320	17.0	329.0	42,100 *	29.4	373.1	41,100 *	37.9	396.0	34,000 *	320
330	3.9	271.4	34,800 *	24.4	352.9	38,700 *	34.0	381.9	31,900 *	330
340				18.0	326.4	36,400 *	29.7	365.5	29,900 *	340
350				7.3	279.6	34,200 *	24.7	345.5	28,000 *	350
360							18.5	319.5	26,200 *	360
370							8.5	275.9	24,300 *	370

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



	86°			83°			80°			
	ft	ft	lb	ft	lb	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

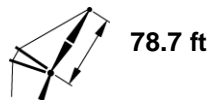
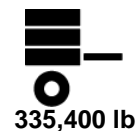
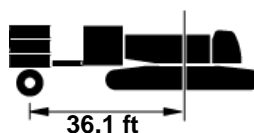
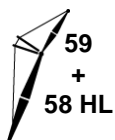
16000 MAX-ER



	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
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	38,600 *	290
300	35.6	415.1	48,000 *	42.7	434.8	43,900 *	48.8	446.4	36,100 *	300
310	31.8	399.8	44,300 *	39.5	423.1	41,300 *	45.9	437.0	33,800 *	310
320	27.6	381.9	40,900 *	36.1	410.0	38,800 *	42.9	426.7	31,600 *	320
330	22.6	360.0	37,700 *	32.4	395.0	36,500 *	39.8	415.1	29,500 *	330
340	16.1	330.6	34,600 *	28.2	377.5	34,300 *	36.3	402.1	27,500 *	340
350	2.2	264.4	27,300 *	23.3	356.2	32,200 *	32.6	387.2	25,700 *	350
360				17.1	328.3	30,200 *	28.5	369.9	23,900 *	360
370				6.4	277.9	28,200 *	23.6	348.9	22,200 *	370
380							17.6	321.6	20,600 *	380
390							7.6	274.7	18,900 *	390

16000 MAX-ER

ANSI B30.5

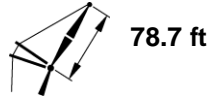
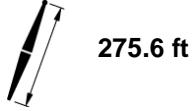


	86°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
55										55
60										60
65										65
70				70.9	357.0	191,600 *d				70
75				66.9	354.9	189,700 *c				75
80				62.8	352.3	187,000 *b				80
85				58.6	349.3	183,900 *b				85
90				54.1	345.7	175,800 *b	66.4	352.2	189,500 *c	90
95				49.3	341.5	167,900 *b	62.3	349.6	187,400 *b	95
100				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

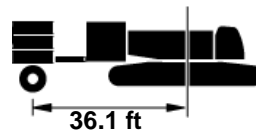
16000 MAX-ER



	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	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	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	137,300 b				150
155	18.7	298.5	133,600 *	50.2	327.0	132,000 b				155
160				45.1	322.1	127,000				160
165				39.5	316.2	122,200				165
170				33.0	308.9	117,800				170
175				25.1	299.2	113,600	52.3	319.4	104,500 b	175
180				12.6	282.7	109,400	47.4	314.9	100,900 b	180
185							42.1	309.5	97,500	185
190							36.1	302.9	94,200	190
195							28.9	294.4	91,100	195
200							19.3	282.2	88,100	200

16000 MAX-ER

ANSI B30.5

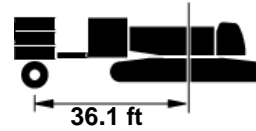
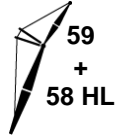


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
60	72.1	377.9	167,500 *c						60	
65	69.0	376.0	165,300 *c						65	
70	65.8	373.7	159,500 *b						70	
75	62.5	371.1	152,600 *b						75	
80	59.2	368.2	145,700 *b	68.6	374.2	166,700 *c			80	
85	55.6	364.8	139,100 *	65.4	371.9	164,800 *b			85	
90	52.0	360.9	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



275.6 ft



98.4 ft

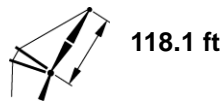
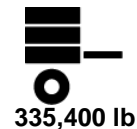
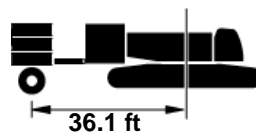
ft	75°			70°			65°			ft
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130	60.7	360.2	160,600 *b							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	125,600				160
165	31.4	324.7	125,500 *	52.2	344.3	121,000				165
170	24.9	314.7	119,200 *	48.3	339.9	116,700				170
175	15.8	300.0	112,200 *	44.2	334.9	112,600				175
180				39.7	329.0	108,700				180
185				34.7	322.0	105,000				185
190				28.9	313.4	101,500	50.1	332.4	92,900	190
195				21.7	302.1	98,200	46.0	327.7	89,900	195
200				9.8	282.4	94,900	41.7	322.2	87,100	200
205							37.0	315.8	84,400	205
210							31.6	308.0	81,800	210
215							25.2	298.1	79,200	215
220							16.3	283.8	76,800	220

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

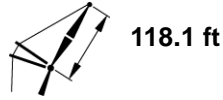
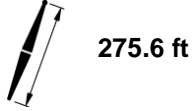


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
65									65	
70									70	
75									75	
80									80	
85				69.8	393.4	146,600 *b			85	
90				67.1	391.3	145,300 *b			90	
95				64.5	388.9	143,800 *b			95	
100				61.7	386.2	138,600 *			100	
105				58.9	383.2	133,300 *	66.8	388.7	144,700 *b	105
110				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



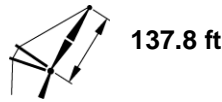
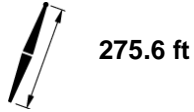
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft		
65									65	
70									70	
75									75	
80									80	
85									85	
90									90	
95									95	
100									100	
105									105	
110									110	
115									115	
120									120	
125									125	
130									130	
135									135	
140	60.5	377.2	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	114,700			170	
175	37.4	345.3	115,500 *	53.4	361.5	110,700			175	
180	33.1	337.9	110,800 *	50.3	357.4	106,900			180	
185	28.1	329.0	105,900 *	47.0	352.8	103,300			185	
190	22.1	317.7	100,800 *	43.5	347.6	99,900			190	
195	13.6	301.0	95,000 *	39.8	341.7	96,700			195	
200				35.7	335.0	93,600	51.7	349.8	85,100	200
205				31.2	327.0	90,700	48.5	345.4	82,400	205
210				25.9	317.3	87,900	45.1	340.5	79,900	210
215				19.2	304.5	85,200	41.5	335.0	77,500	215
220				7.6	281.1	82,400	37.6	328.6	75,200	220
225							33.3	321.2	73,000	225
230							28.3	312.4	70,800	230
235							22.4	301.3	68,800	235
240							14.1	284.9	66,700	240

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

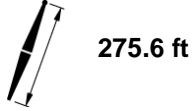


	86°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
70	73.0	416.0	129,300 *b							70
75	70.8	414.3	127,500 *b							75
80	68.6	412.3	123,200 *b							80
85	66.3	410.1	118,800 *							85
90	64.0	407.7	114,200 *	70.6	412.5	128,600 *b				90
95	61.7	405.0	109,700 *	68.3	410.5	127,900 *b				95
100	59.2	402.1	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



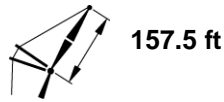
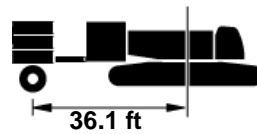
	75°			70°			65°			
	ft	ft	lb	ft	lb	ft	lb	ft		
70									70	
75									75	
80									80	
85									85	
90									90	
95									95	
100									100	
105									105	
110									110	
115									115	
120									120	
125									125	
130									130	
135									135	
140									140	
145	62.7	397.0	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	105,400			180	
185	41.2	364.5	104,900 *	54.3	378.6	101,800			185	
190	37.8	358.2	101,300 *	51.7	374.7	98,500			190	
195	34.2	351.0	97,500 *	49.0	370.4	95,300			195	
200	30.2	342.7	93,700 *	46.1	365.6	92,300			200	
205	25.6	332.8	89,700 *	43.1	360.4	89,400			205	
210	20.0	320.3	85,400 *	39.9	354.5	86,700	52.9	367.0	78,400	210
215	11.8	301.4	80,600 *	36.4	347.9	84,100	50.2	362.9	76,000	215
220				32.6	340.3	81,600	47.4	358.3	73,800	220
225				28.4	331.5	79,200	44.4	353.3	71,600	225
230				23.5	320.7	76,900	41.3	347.7	69,500	230
235				17.2	306.3	74,600	38.0	341.4	67,500	235
240				5.4	278.6	72,300	34.4	334.3	65,600	240
250							25.8	316.3	62,000	250
260							12.3	285.5	58,500	260

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

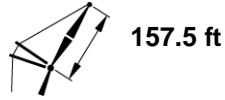
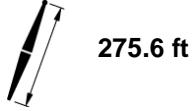


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
75	73.3	435.1	114,000 *b						75	
80	71.4	433.4	112,200 *b						80	
85	69.5	431.5	108,800 *						85	
90	67.5	429.5	105,200 *						90	
95	65.5	427.2	101,500 *						95	
100	63.5	424.7	97,800 *	69.2	429.8	112,900 *			100	
105	61.4	422.0	94,100 *	67.3	427.7	112,300 *			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
245										245
250										250
260										260
270										270
280										280



ANSI B30.5

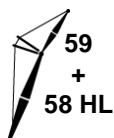
16000 MAX-ER



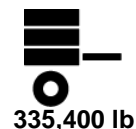
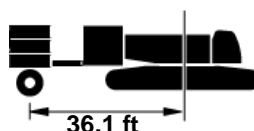
ft	75°			70°			65°			ft
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										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	96,500				190
195	43.8	382.9	95,800 *	55.0	395.7	93,300				195
200	41.1	377.2	92,800 *	52.7	391.9	90,400				200
205	38.2	371.0	89,800 *	50.4	387.8	87,500				205
210	35.1	364.0	86,700 *	47.9	383.3	84,800				210
215	31.7	356.1	83,600 *	45.4	378.5	82,300				215
220	27.9	347.0	80,400 *	42.7	373.1	79,800				220
225	23.6	336.2	77,000 *	39.9	367.2	77,500	51.4	380.2	69,600	225
230	18.2	322.4	73,400 *	36.9	360.7	75,200	49.0	375.9	67,600	230
235	10.3	301.3	69,200 *	33.7	353.4	73,100	46.5	371.2	65,600	235
240				30.2	345.1	71,000	43.9	366.1	63,800	240
250				21.6	323.6	67,100	38.3	354.2	60,300	250
260				2.8	273.2	63,200	31.8	339.5	56,900 *	260
270							23.8	319.7	53,700 *	270
280							10.8	285.5	50,500 *	280

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



	86°			83°			80°			
	ft	ft	lb	ft	lb	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

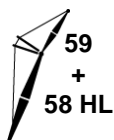
16000 MAX-ER



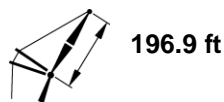
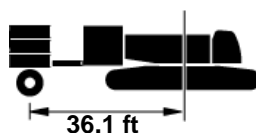
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										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	86,000				205
210	43.5	395.6	85,100 *	53.5	409.0	83,400				210
215	41.0	390.0	82,600 *	51.5	405.1	80,800				215
220	38.4	383.7	80,100 *	49.3	400.8	78,400				220
225	35.7	376.9	77,600 *	47.1	396.2	76,100				225
230	32.8	369.3	74,900 *	44.9	391.3	73,900				230
235	29.6	360.8	72,300 *	42.5	385.9	71,700	52.4	397.4	64,000 *	235
240	26.0	350.9	69,500 *	40.0	380.0	69,700	50.3	393.3	62,000 *	240
250	16.7	324.2	63,500 *	34.5	366.4	65,900	45.9	384.0	58,400 *	250
260				28.2	349.5	62,400	41.1	373.2	55,000 *	260
270				19.9	326.1	59,100	35.8	360.2	51,900 *	270
280							29.7	344.2	49,000 *	280
290							22.0	322.7	46,200 *	290
300							9.4	285.2	43,400 *	300

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

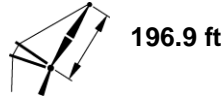


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
85	73.7	473.2	89,200 *						85	
90	72.2	471.6	87,500 *						90	
95	70.6	469.9	85,300 *						95	
100	69.1	468.0	83,000 *						100	
105	67.5	465.9	80,500 *						105	
110	65.9	463.6	78,000 *	70.5	468.1	88,000 *			110	
115	64.3	461.2	75,600 *	68.9	466.2	87,700 *			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

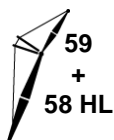
16000 MAX-ER



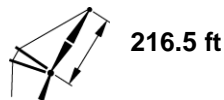
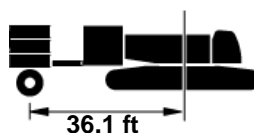
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										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	74,200				225
230	40.9	402.7	73,400 *	50.4	418.2	72,000				230
235	38.6	396.5	71,200 *	48.5	413.8	69,900				235
240	36.2	389.8	69,100 *	46.5	409.1	67,900				240
250	30.8	374.3	64,600 *	42.3	398.6	64,200	51.3	410.6	55,800 *	250
260	24.4	354.5	59,900 *	37.7	386.4	60,700	47.4	401.8	52,500 *	260
270	15.5	325.7	54,600 *	32.5	371.7	57,500	43.2	391.6	49,400 *	270
280				26.4	353.5	54,500	38.7	379.8	46,500 *	280
290				18.6	328.4	51,600	33.7	365.7	43,800 *	290
300							27.9	348.5	41,300 *	300
310							20.6	325.5	38,900 *	310
320							8.2	284.3	36,400 *	320

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

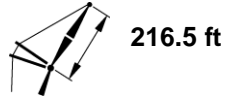
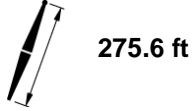


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
90	73.9	492.3	78,700 *						90	
95	72.5	490.7	77,300 *						95	
100	71.1	489.0	75,500 *						100	
105	69.7	487.1	73,700 *						105	
110	68.2	485.1	71,700 *						110	
115	66.8	483.0	69,600 *	70.9	487.2	77,400 *			115	
120	65.3	480.7	67,600 *	69.5	485.4	77,300 *			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



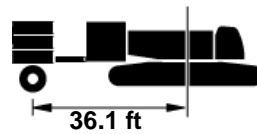
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
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145										145
150										150
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	62,400				250
260	34.3	395.5	59,500 *	44.1	416.9	59,000	52.1	427.8	50,000 *	260
270	29.1	378.8	55,600 *	40.1	405.5	55,800	48.6	419.3	46,900 *	270
280	23.0	357.7	51,500 *	35.7	392.3	52,800 *	44.9	409.7	44,100 *	280
290	14.4	326.9	46,800 *	30.7	376.6	49,800 *	41.0	398.7	41,500 *	290
300				25.0	357.1	47,000 *	36.7	385.9	39,000 *	300
310				17.4	330.4	44,300 *	31.9	370.9	36,700 *	310
320							26.4	352.4	34,500 *	320
330							19.3	327.9	32,400 *	330
340							7.1	282.9	30,200 *	340

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb



	86°			83°			80°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
95										95
100										100
105										105
110										110
115										115
120										120
125				70.0	504.5	67,400 *				125
130				68.7	502.6	67,200 *				130
135				67.4	500.5	67,000 *				135
140				66.0	498.3	66,400 *				140
145				64.7	495.9	65,000 *				145
150				63.4	493.4	63,500 *	67.2	497.9	65,300 *	150
155				62.0	490.7	62,000 *	65.9	495.7	65,300 *	155
160				60.6	487.9	60,500 *	64.5	493.3	65,300 *	160
165				59.2	485.0	58,900 *	63.2	490.8	65,300 *	165
170				57.7	481.8	57,300 *	61.8	488.1	65,200 *	170
175				56.3	478.5	55,800 *	60.4	485.2	65,100 *	175
180				54.8	475.0	54,200 *	59.0	482.3	64,600 *	180
185				53.3	471.3	52,600 *	57.5	479.1	63,300 *	185
190				51.8	467.4	51,100 *	56.1	475.7	61,800 *	190
195				50.2	463.2	49,500 *	54.6	472.2	60,400 *	195
200				48.6	458.8	48,100 *	53.1	468.5	58,900 *	200
205				46.9	454.2	46,600 *	51.5	464.5	57,400 *	205
210				45.2	449.3	45,200 *	50.0	460.3	55,900 *	210
215				43.5	444.0	43,900 *	48.3	455.9	54,500 *	215
220				41.6	438.5	42,600 *	46.7	451.2	53,000 *	220
225				39.8	432.5	41,400 *	45.0	446.3	51,600 *	225
230				37.8	426.1	40,200 *	43.2	441.0	50,100 *	230
235				35.7	419.3	39,100 *	41.4	435.4	48,700 *	235
240				33.6	411.9	38,000 *	39.5	429.4	47,400 *	240
250				28.8	394.9	36,200 *	35.4	416.0	44,900 *	250
260				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



275.6 ft



236.2 ft

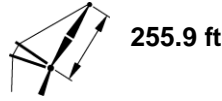
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175										175
180										180
185										185
190	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	53,700 *	52.7	445.0	44,400 *	270
280	32.6	400.7	50,300 *	41.9	424.1	50,500 *	49.6	436.8	41,600 *	280
290	27.7	383.1	46,900 *	38.1	412.0	47,600 *	46.3	427.5	39,100 *	290
300	21.7	360.7	43,300 *	33.9	397.9	44,900 *	42.8	417.1	36,600 *	300
310	13.4	327.9	39,100 *	29.2	381.2	42,300 *	39.0	405.3	34,400 *	310
320				23.6	360.5	39,900 *	34.9	391.7	32,200 *	320
330				16.3	332.1	37,500 *	30.3	375.7	30,200 *	330
340							25.0	356.1	28,300 *	340
350							18.2	330.0	26,400 *	350
360							6.0	280.9	24,500 *	360

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

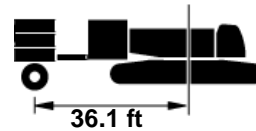
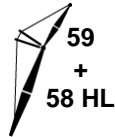


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
105	72.9	528.8	60,000 *						105	
110	71.7	527.2	58,900 *						110	
115	70.5	525.4	57,600 *						115	
120	69.3	523.5	56,300 *						120	
125	68.1	521.5	55,000 *						125	
130	66.9	519.4	53,700 *	70.4	523.7	59,200 *			130	
135	65.7	517.2	52,300 *	69.2	521.8	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

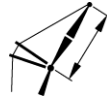


ANSI B30.5

16000 MAX-ER



275.6 ft

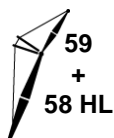


255.9 ft

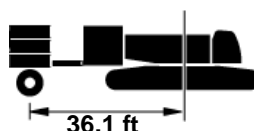
	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175										175
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	48,600 *				280
290	35.3	421.4	46,300 *	43.5	442.4	45,700 *	50.4	454.1	37,000 *	290
300	31.1	405.7	43,400 *	40.1	431.0	43,000 *	47.4	445.2	34,600 *	300
310	26.4	387.1	40,400 *	36.4	418.0	40,500 *	44.2	435.3	32,400 *	310
320	20.6	363.4	37,100 *	32.4	403.1	38,100 *	40.9	424.2	30,300 *	320
330	12.5	328.5	33,400 *	27.9	385.5	35,800 *	37.3	411.6	28,300 *	330
340				22.5	363.7	33,700 *	33.4	397.2	26,400 *	340
350				15.4	333.5	31,600 *	28.9	380.2	24,600 *	350
360							23.8	359.5	22,900 *	360
370							17.2	332.0	21,200 *	370
380							4.9	278.0	19,500 *	380

16000 MAX-ER

ANSI B30.5



332,000 lb
+
120,000 lb

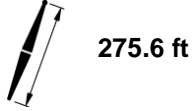


	86°			83°			80°			
	ft	ft	lb	ft	lb	ft	lb	ft		
110	73.1	547.9	52,700 *						110	
115	72.0	546.3	51,700 *						115	
120	70.9	544.5	50,700 *						120	
125	69.8	542.7	49,700 *						125	
130	68.7	540.7	48,600 *						130	
135	67.5	538.7	47,600 *	70.8	542.8	51,700 *			135	
140	66.4	536.5	46,400 *	69.7	540.9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



ANSI B30.5

16000 MAX-ER



	75°			70°			65°			
	ft	ft	lb	ft	ft	lb	ft	ft	lb	
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	40,600 *	51.1	471.4	32,000 *	300
310	33.8	426.9	39,500 *	41.7	449.6	38,100 *	48.3	462.8	29,800 *	310
320	29.8	410.4	36,900 *	38.5	437.5	35,800 *	45.4	453.2	27,700 *	320
330	25.2	390.8	34,200 *	34.9	423.8	33,600 *	42.4	442.6	25,800 *	330
340	19.7	365.9	31,300 *	31.1	408.1	31,500 *	39.2	430.9	24,000 *	340
350	11.7	329.0	27,900 *	26.7	389.5	29,500 *	35.7	417.5	22,200 *	350
360				21.5	366.6	27,600 *	32.0	402.3	20,600 *	360
370				14.5	334.8	25,700 *	27.7	384.5	19,000 *	370
380							22.7	362.7	17,500 *	380
390							16.3	333.7	16,000 *	390
400							3.7	273.8	14,400 *	400