

WEIGHTS

4600 SERIES 3 VICON®

DESCRIPTION	NOTE	APPROXIMATE WEIGHT (LBS.)
Weights may fluctuate $\pm 5\%$ due to manufacturing tolerances. Also, weights of various small components have been omitted from this weight sheet.		
Liftcrane — with 80' No. 27 boom, crane counterweight, mast with wire rope guide and backhitch, 26'-1" crawlers with 60" treads, tandem drums, independent swing, planetary independent boom hoist, Cummins VTA-1710-C700 engine with VICON control, mast hoist rope, boom hoist rope, upper and lower equalizers, telescopic boom stop, 20 ton swivel hook and weight ball, 200 ton hook block, single sheave upper boom point, and upper wire rope guide.....		w/112,000 lbs. cwt. 480,515* w/112,370 lbs. cwt. 480,885* w/113,500 lbs. cwt. 482,015*
Upperworks — with Cummins VTA-1710-C700 with VICON control, mast hoist, independent swing, planetary independent boom hoist, and tandem drums; LESS boom, mast and backhitch, upper and lower equalizers, weight ball, hook block, counterweights, telescopic boom stop, and catwalk		147,870*
Upperworks — as above with mast and backhitch, upper and lower equalizers, boom hoist and mast hoist ropes, and carbody; LESS crawlers		228,250*
*Weights do not include hoist line, whip line or fuel. For Caterpillar D-379, add 4,695 lbs.; for Detroit Diesel 12V-71N, add 4,085.		
Carbody — with roller path, ring gear, and king pin; LESS crawlers		55,160
Crawlers — 26'-1" with 60" treads		53,600 each
Counterweights		
PAST ARRANGEMENT (112,000 lbs.; before 4-6-79)		
Rear — (One Piece)		57,000
Rear — (Two Piece, Upper Counterweight)		25,000
(Lower Counterweight)		32,000
Center		36,000
Left Side		9,500
Right Side (When Equipped With Cummins Engine)		9,500
Right Side (When Equipped With Caterpillar Engine)		6,230
PAST ARRANGEMENT (112,370 lbs.; before 2-18-81)		
Rear — (One Piece)		57,000
Rear — (Two Piece, Upper Counterweight)		25,000
(Lower Counterweight)		32,000
Center		36,000
Left Side		9,500
Right Side (When Equipped With Cummins Engine or Caterpillar 3412 Engine)		9,870
Right Side (When Equipped With Caterpillar D-379 Engine)		6,230
PRESENT ARRANGMENT (113,500 lbs.; after 2-18-81)		
Rear — (One Piece)		57,000
Rear — (Two Piece, Upper Counterweight)		25,000
(Lower Counterweight)		32,000
Center		37,000
Left Side		9,500
Right Side (When Equipped With Cummins Engine or Caterpillar 3412 Engine)		10,000
Right Side (When Equipped With Caterpillar D-379 Engine)		6,500
Boom No. 27		
Boom Butt — 40'-6" (With Wire Rope Roller Guide And Mast Support)		8,420
Boom Top — 39'-6" (With Lower Boom Point Assembly)		10,505
Boom Insert — 40'-0" (With Wire Rope Roller Guide And Jib Backstay)		6,035
Boom Insert — 40'-0" (With Wire Rope Roller Guide)		5,735
Boom Insert — 20'-0" (With Wire Rope Roller Guide)		3,210
Boom Insert — 10'-0" (With Wire Rope Roller Guide)		1,670
Basic Pendant — 25'-0" (4)		230 each

WEIGHTS — 4600 SERIES 3 VICON**DESCRIPTION****APPROXIMATE WEIGHT
(LBS.)****Boom No. 27 (Continued)**

Pendant — 40'-0" (4 per Insert)	265 each
Pendant — 20'-0" (4 per Insert)	180 each
Pendant — 10'-0" (4 per Insert)	130 each
Upper Boom Point — (Removable, Single Sheave)	1,260
Upper Boom Point — (Removable, Double Sheave)	1,510
Wire Rope Guide Assembly — (Boom Top)	590
Wire Rope Roller Guide Assembly	85 each
Equalizer — (Upper)	2,275
Equalizer — (Lower)	1,965
Jib Adapter — (Removable, for No. 123 Jib)	540
Telescopic Boom Stop	1885

Jib No. 122A

Jib Butt — 15'-0"	1,400
Jib Top — 25'-0"	1,555
Jib Insert — 10'-0"	520
Basic Pendant — 44'-6" (2)	200 each
Pendant — 10'-0" (2 per Insert)	85 each
Jib Backstay Pendant — (2)	210 each
Jib Strut — 18'-9"	960

Jib No. 123

Jib Butt — 15'-0"	600
Jib Top — 15'-0"	695
Jib Insert — 10'-0"	340
Basic Pendant — 33' 3-3/4" (2)	115 each
Pendant — 10'-0" (2 per Insert)	65 each
Jib Backstay Pendant (2)	105 each
Jib Strut — 12'-6"	390

Components

Hook Rollers With Shafts (6)	930
Catwalk — Left Side With Rails	750
Boom Hoist Wire Rope — 16 Part, 1230' of 1-1/8" 6 x 31	2,830
Mast Hoist Wire Rope — (2) 310' of 1-1/8" 6 x 31	775 each
Hoist Line — 1-1/4" 6 x 31	2.8 lbs./ft.
Whip Line — 1-1/4" 6 x 31	2.8 lbs./ft.
Mast and Backhitch	16,600
Wire Rope Guide Assembly — (Mast)	2,335
20 Ton Hook and Weight Ball (Swivel)	1,490
100 Ton Shackle Block	4,760
200 Ton Shackle Block	4,730
200 Ton Hook Block	5,650
VICON Tagline	1,280