Grove YB5500 Series

Product Guide



Features

- YB5515: 13,6 t (15 USt) capacity three-section boom with 12,5 m (41 ft) outreach
- YB5518: 16,3 t (18 USt) capacity four-section boom with 16,6 m (54 ft 6 in) outreach
- 4,6 m (15 ft) offsettable swingaway extension
- 9072 kg (20,000 lb) deck carrying capacity
- Available with diesel or dual fuel engine

Features

Outriggers

The YB5515 is equipped with single-position oblique style outriggers. The YB5518 comes equipped with two-position beam/jack style outriggers.





Cab

Both models come equipped with a **standard** open air cab shell with overhead safety glass.

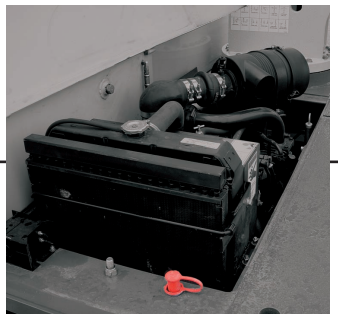
An **optional** enclosed cab with hinged door, heater, and defroster is available.

Steering

Standard steering modes on the YB5515 is two-wheel, four-wheel, and crab steer with an option for electronic self-alignment.



Standard steering modes on the YB5518 include two-wheel, four-wheel, crab steer and electronic self-alignment



Cummins engine

The Cummins QSB 3,3 L, Tier III, diesel comes **standard** in both models.

Horsepower rating:
YB5515: 63 kW (85 hp) at 2600 rpm.
YB5518: 73,8 kW (99 hp) at 2600 rpm.



Boom

A 12,5 m (41 ft) main boom comes **standard** on the YB5515. An **optional** fourth main boom section adds 3,4 m (11 ft) additional boom length.

The YB5518 comes **standard** with a 16,6 m (54 ft 6 in) main boom.

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Specifications

Superstructure

Boom

YB5515: 5,6 m – 12,5 m (18 ft 6 in – 41 ft 0 in) three-section full power boom.
Maximum tip height: 14,1 m (46 ft 3 in)
YB5518: 5,6 m – 16,6 m (18 ft 6 in – 54 ft 6 in) four-section full power boom.
Maximum tip height: 19,0 m (62 ft 6 in)

*Optional boom

YB5515: Manual fourth main boom fly section
Maximum tip height: 17,0 m (56 ft 3 in)

*Boom extension

4,6 m (15 ft) offsettable swingaway extension

Boom nose

YB5515: Two sheave non-pivoting boom nose
YB5518: Two sheave, -3-position (0°, + 40°, + 80°) pivoting boom nose for minimizing head space requirements. Lowers head height 0,4 m (15.9 in) when nose is pivoted fully forward.

Boom elevation

YB5515: Single double acting hydraulic cylinder with integral holding valve.
YB5518: Two double acting hydraulic cylinders with integral holding valve.
Elevation: 0° to 69° for the YB5515
0° to 80° for the YB5518

Anti-two block device

Standard anti-two block device, when activated, provides an audible warning to the crane operator and disengages all crane functions whose movement can cause two-blocking.

Load indicator (wireless LSI)

A simple effective and easy to use load indicating system used in conjunction with the anti-two block system to assist the operator in efficient operation of the unit within the limits of the load chart. The display panel displays the hook load and warns the operator when a preset load capacity is exceeded. The warning is by a flashing light on the display panel. In conjunction with the load display panel (receiver), there is a wireless transmitter and load sensing pin attached to the boom head that transmits the hook load to the display panel.

*Rated capacity limiter (wireless RCL)

Similar to the Load Indicator, but stops the telescope out and boom lift down function when a load limit is exceeded. Uses a similar display panel with the addition of displaying boom angle and boom length read outs on the panel.

*Load moment indicator (hardwired LMI)

Digital display of boom angle, boom length, boom radius, capacity, and allows for operator input to set the limits based on load chart. Displays color coded light bar and audible alarm with function cutout if load exceeds entered parameters.

Swing

Ball bearing swing circle with 360° continuous rotation.
Hydraulic driven worm gear and pinion.
Maximum speed: YB5515: 2.1 rpm
YB5518: 2.5 rpm

Hydraulic system

Four section gear pump providing a system pressure of 241,3 bars (3500 psi)
Combined flow: 333,1 Lpm (88.0 gpm)
YB5515: Six-section valve bank mounted in dash with direct mechanical linkage for low effort lever control.
YB5518: Six-section valve bank chassis mounted; operated via dash mounted, pilot pressure hydraulic joysticks.
Return line filter with full flow by-pass protection and service indicator.
151,4 L (40 gal) hydraulic reservoir with sight level gauge and steel side plating to guard against side impact damage.

**Denotes optional equipment*

Superstructure (continued)

Hoist specifications

Piston motor drive with spring applied / hyd. released brake. Equal speed power up and down.

Drum diameter: 0,25m (9.75 in)

Maximum hoist single line pull: 5443 kg (12,000 lb)

Maximum hoist single line speed:
YB5515: 38,4 m/min (126 fpm)
YB5518: 48,2 m/min (158 fpm)

Maximum permissible single line pull:
YB5515: 3402 kg (7500 lb)
(12,7 mm [1/2 in])
YB5518: 4082 kg (9000 lb)
(12,7 mm [1/2 in])

Rope length:

YB5515:	
(three-section boom)	73,0 m (240 ft)
(four-section boom)	88,4 m (290 ft)
YB5518:	94,5 m (310 ft)

Carrier

Frame

High strength alloy steel constructed with integral outrigger housings; front and rear tie-down lugs. 75 ft^2 carrydeck size with 9072 kg (20,000 lb) carrying capacity. Deck coated with anti-skid treatment.

Outriggers

YB5515: Front and rear oblique type beams at all four corners with integral holding valves. Outrigger pads form an integral part of the beam. Outrigger pad size 222 mm x 254 mm (8.75 in x 10 in).

Maximum pad load: 16 p.s.i.

YB5518: Two-stage hydraulic telescoping beam with oblique type jack on all four corners, provides extended and down and retracted and down lifting capacities. Integral holding valves on both beam and jack. Outrigger pad size 222 mm x 254 mm (8.75 in x 10 in).

Maximum pad load: 389 p.s.i.

Outrigger controls

YB5515: Lever controls located on dash panel and operate the beams in pairs from side to side. Level bubble located inside operators compartment.

YB5518: Two switch operation mounted on dash panel. One three- position rocker switch to select all beams / jacks, left beams / jacks only, or right beams / jacks only. Separate four- way toggle switch to activate beams out / in and jacks down / up. Level bubble indicator located inside operators compartment.

*Independent outrigger controls available as an option.

Standard engine (Tier III)

YB5515: Cummins QSB 3,3 L turbo-charged diesel rated @ 63,0 kW (85 bhp) @ 2600 rpm.

YB5518: Cummins QSB 3,3 L turbo-charged diesel rated @ 73,8 kW (99 bhp) @ 2600 rpm.

*Optional engine (0.7 EPA)

G.M. 4,3 L V-6 EFI dual fuel (gasoline / L.P.) rated @ 69,3 kW (93 bhp) @ 2500 rpm.

Operators control station

Frame mounted, open air style control station with cab shell includes all crane functions, driving controls, and overhead safety glass. Other standard equipment include a durable weather resistant seat with seat belt, hourmeter, sight level bubble, and fire extinguisher. The dash panel includes engine oil pressure gauge, engine water temperature gauge, fuel gauge, transmission low oil and high temperature warning lights, low battery warning light, and brake system low pressure warning light. The LSI (load indicator) receiver is mounted to the top of the dash.

*Operators control station enclosed

Includes the standard cab shell with the addition of front, right, and rear glass. Hinged full door with sliding glass.

Front windshield wiper, heater and defroster are included.

Specifications

Carrier (continued)

Fuel tank capacity

151,4 L (40 gal) all steel construction with steel side plate to guard against side impact.

Electrical system

One 12V maintenance free battery, 820CCA @ 0°.
63 amp alternator.

Drive

4 x 2 – Front axle drive with planetary hubs and limited slip differential.

Steer

YB5515: Two-wheel, four-wheel, and crab steer
YB5518: Two-wheel, four-wheel, and crab steer with electric self alignment.

Outside turning radius:
YB5515/5518:
Two wheel steer: 6,55 m (21 ft 6 in)
Four wheel steer: 3,76 m (12 ft 4 in)

Transmission

YB5515: I.T.L. synchromesh four-speeds forward and reverse.

YB5518: I.T.L. powershift four-speeds forward and reverse. Stalk mounted shifter on left side of steering column.

Tires

385/65R 22.5 radial traction tread pneumatic.

Brakes

Hydraulic actuated internal wet-disc service brakes acting on all four wheels. A dash mounted toggle switch activates the dry disc parking brake on the transmission output yoke with a dash warning light.

Suspension

Front: Rigid mounted to frame.
Rear: Provides 1.5° oscillation for use on semi-rough terrain. Axle lock-out must be engaged (locked) whenever picking on rubber or traveling in the crab steer mode. A warning light indicates when the axle lock-outs are engaged.
*Optional 4° oscillation.

Lights

Recessed mounted, includes head, tail, rear work, stop, and turn signals.

Maximum speed

YB5515: 23,3 km/h (14.5 mph)
YB5518: 33,8 km/h (21.0 mph)

Gradeability (theoretical)

YB5515: 73%....no load
41%.... 9072 kg (20,000 lb) load
YB5518: 68%....no load
40%.... 9072 kg (20,000 lb) load

GVW

YB5515: 12 742 kg (28,090 lb) three-section boom
12 966 kg (28,584 lb) four-section boom
YB5518: 14 769 kg (32,560 lb)

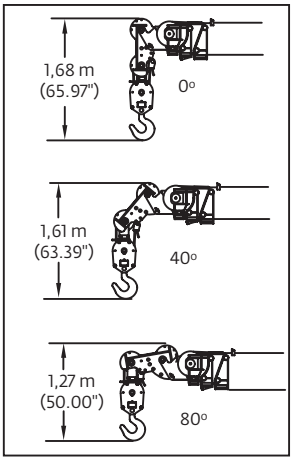
Miscellaneous standard equipment

Two sheave, “Quick Reeve” style hookblock; YB5515: 13,6 t (15.0 USt); YB5518: 16,3 t (18.0 USt).
Back-up alarm
Lifting and tie down lugs
Outrigger motion alarm

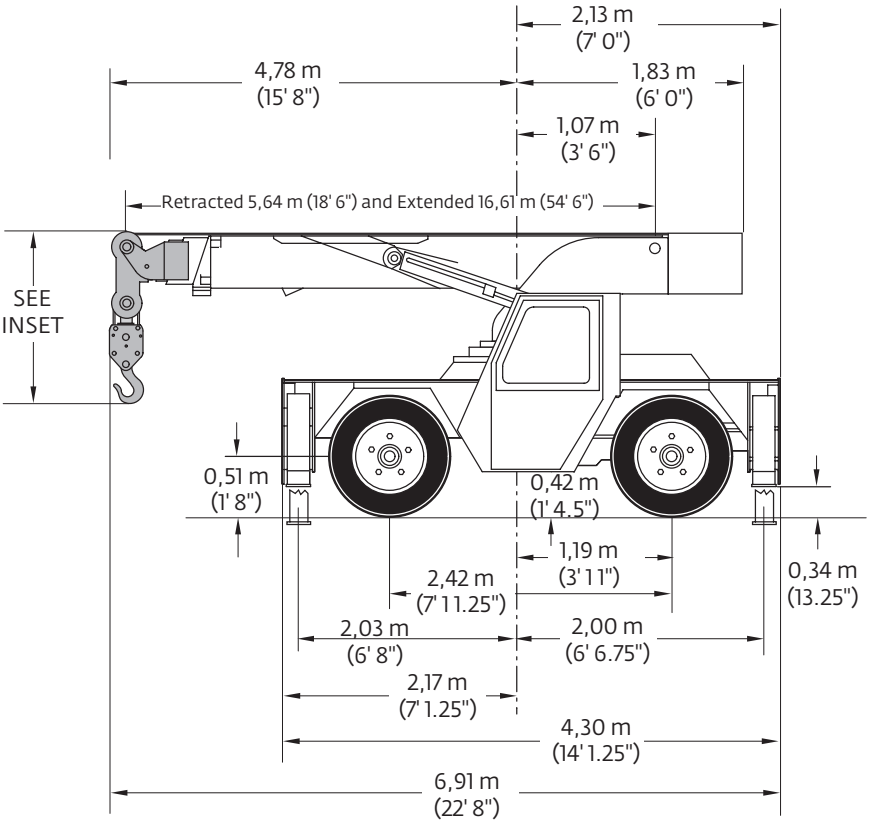
**Denotes optional equipment*

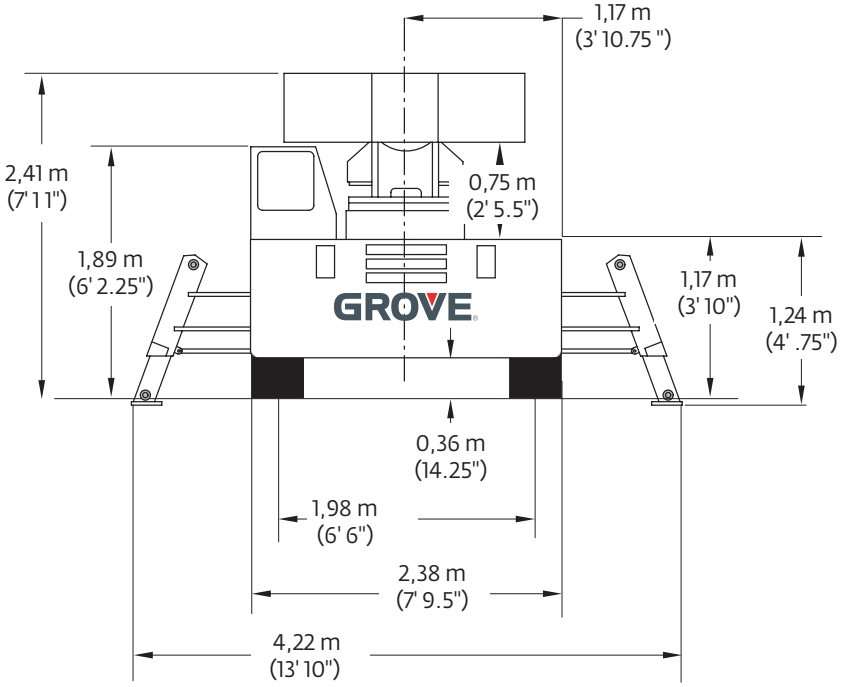
Dimensions

YB5518



Dimensions are with the boom horizontal and the anti-two block bottomed.

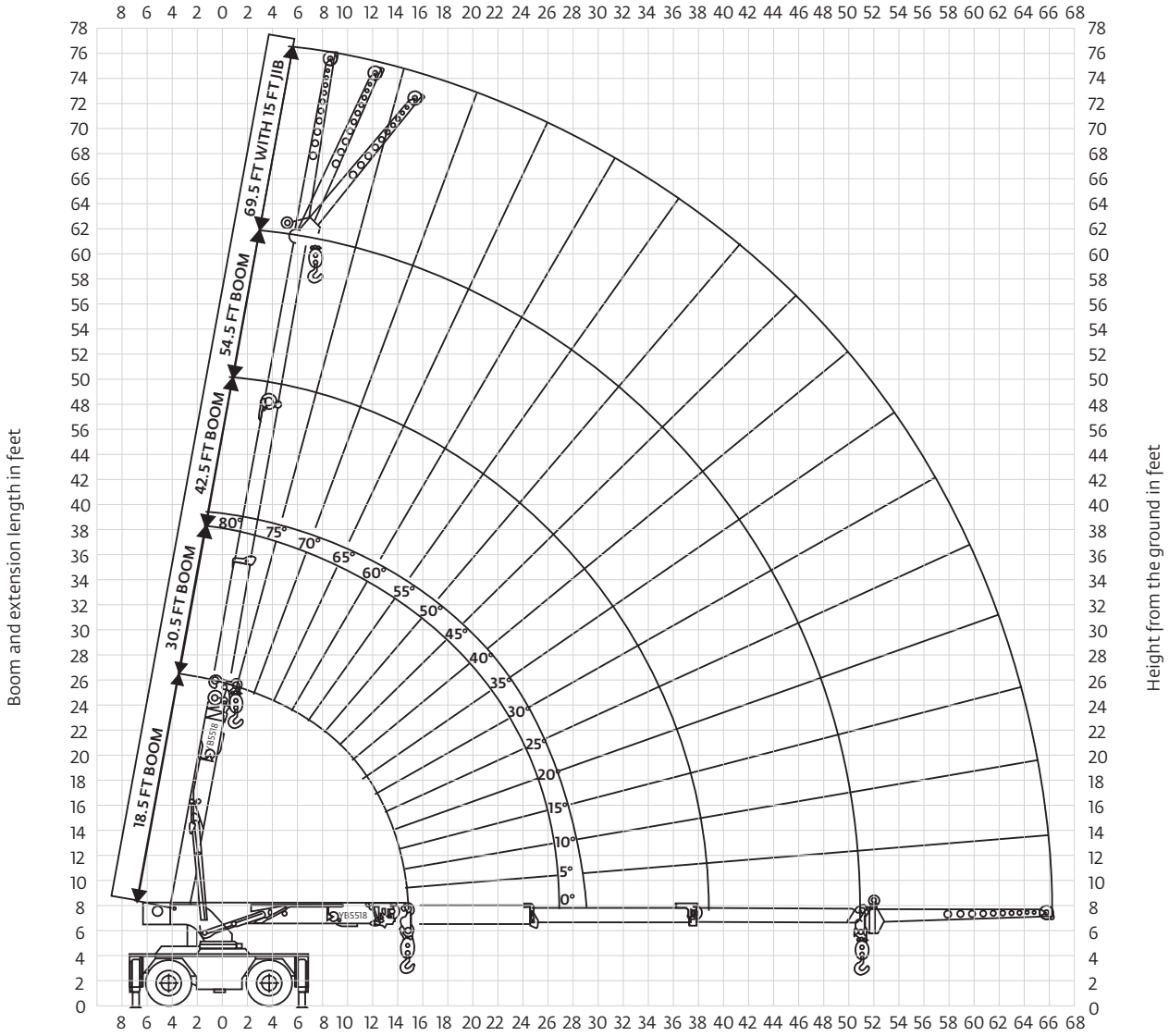




THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.
The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

Range diagram

YB5518



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Load chart

YB5518

MAIN BOOM LOAD RATINGS ON OUTIGGERS
Extended and Down 360° or Retracted and Down Front/Rear

Radius (ft)	18.5 ft BOOM		30.5 ft BOOM		42.5 ft BOOM		54.5 ft BOOM	
	Boom Angle (deg)	Rated Load (lb)	Boom Angle (deg)	Rated Load (lb)	Boom Angle (deg)	Rated Load (lb)	Boom Angle (deg)	Rated Load (lb)
6	64	36,000	75	24,500	79	23,700	-	-
8	57	31,500	71	24,500	77	23,000	80	17,400
10	49	24,000	67	24,000	74	21,500	77	15,800
12	39	19,500	63	20,000	71	19,700	75	14,000
14	25	16,200	58	16,800	68	17,000	73	12,600
15.0	0	15,000	56	15,500	66	15,800	72	12,000
16	-	-	53	14,400	65	14,600	71	11,400
18	-	-	48	12,500	62	12,700	69	10,500
20	-	-	43	11,000	49	11,200	66	9600
22	-	-	37	9800	55	10,000	64	8900
24	-	-	29	8700	52	9000	61	8300
26	-	-	18	7800	48	8100	59	7700
27.0	-	-	0	7400	6	7700	58	7500
28	-	-	-	-	44	7300	56	7200
30	-	-	-	-	40	6500	54	6700
32	-	-	-	-	36	5700	51	6000
34	-	-	-	-	30	5100	48	5400
36	-	-	-	-	24	4500	45	4800
38	-	-	-	-	15	4000	42	4300
39.0	-	-	-	-	0	3900	41	4000
40	-	-	-	-	-	-	39	3800
42	-	-	-	-	-	-	35	3400
44	-	-	-	-	-	-	31	3100
46	-	-	-	-	-	-	27	2900
48	-	-	-	-	-	-	21	2700
51.0	-	-	-	-	-	-	0	2400

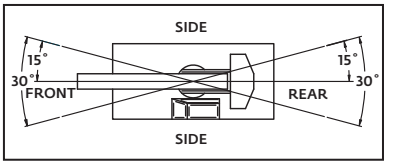
MAIN BOOM ON RUBBER
Any Boom Length

Radius (ft)	Front Rating (lb)	360° Rating (lb)
6	16,000	10,900
8	13,000	8700
10	11,000	7400
12	9100	6400
14	7800	5600
15.0	7100	5300
16	6500	4900
18	5600	4200
20	4800	3500
22	4200	3000
24	3600	2500
26	3150	2200
27.0	2950	2050
28	2800	1900
30	2450	1650
32	2100	1400
34	1900	1200
36	1750	1000
38	1525	850
39.0	1450	775
40	1350	725
42	1150	625
44	1050	525
46	950	425
48	850	300
51.0	700	200

NOTES:
JIB CAPACITY IS LIMITED BY BOTH STRUCTURAL CAPACITY CHART AND MAIN CAPACITY CHART.

SHADED AREAS ARE GOVERNED BY STRUCTURAL STRENGTH, DO NOT RELY ON TIPPING.

OPERATION OF THIS EQUIPMENT IN EXCESS OF RATING CHARTS AND DISREGARD OF INSTRUCTIONS IS DANGEROUS AND VOIDS WARRANTY.



RATING REDUCTIONS FOR LOAD HANDLING DEVICES INSTALLED (lb)

	FROM MAIN BOOM	FROM JIB
MAIN BLOCK	230	NOT APPLICABLE
HOOK & BALL	100	100
JIB STOWED	NO REDUCTION	NOT APPLICABLE
JIB DEPLOYED	700	NO REDUCTION

MAIN BOOM LOAD RATINGS ON OUTRIGGERS
Retracted and Down 360°

Radius (ft)	18.5 ft BOOM		30.5 ft BOOM		42.5 ft BOOM		54.5 ft BOOM	
	Boom Angle (deg)	Rated Load (lb)	Boom Angle (deg)	Rated Load (lbs	Boom Angle (deg)	Rated Load (lb)	Boom Angle (deg)	Rated Load (lb)
6	64	36,000	75	24,500	79	23,700	-	-
8	57	29,000	71	24,500	77	23,000	80	17,400
10	49	16,000	67	20,600	74	20,000	77	15,800
12	39	11,400	63	12,900	71	12,800	75	13,000
14	25	8900	58	9900	68	10,200	73	10,600
15.0	0	8000	56	8900	66	9300	72	9500
16	-	-	53	8100	65	8500	71	8500
18	-	-	48	6800	62	7200	69	7200
20	-	-	43	5900	49	6200	66	6100
22	-	-	37	5000	55	5200	64	5300
24	-	-	29	4100	52	4500	61	4500
26	-	-	18	3600	48	3800	59	3900
27.0	-	-	0	3400	6	3600	58	3600
28	-	-	-	-	44	3300	56	3300
30	-	-	-	-	40	2900	54	2800
32	-	-	-	-	36	2500	51	2500
34	-	-	-	-	30	2200	48	2200
36	-	-	-	-	24	1900	45	2000
38	-	-	-	-	15	1700	42	1800
39.0	-	-	-	-	0	1600	41	1700
40	-	-	-	-	-	-	39	1600
42	-	-	-	-	-	-	35	1400
44	-	-	-	-	-	-	31	1200
46	-	-	-	-	-	-	27	1000
48	-	-	-	-	-	-	21	900
51.0	-	-	-	-	-	-	0	700

15 FT JIB CAPACITIES ON EXTENDED OUTRIGGERS

Main Boom Angle (deg)	Jib Offset Angle				
	0°		15°		30°
	To 42.5 ft Main Boom	To 54.5 ft Main Boom	To 42.5 ft Main Boom	To 54.5 ft Main Boom	Any Boom Length
80	-	-	5000	5000	3500
75	7500	-	4400	4400	3100
70	6100	-	3900	3900	2800
65	5000	4600	3500	3500	2550
60	4300	3800	3150	3150	2350
55	3800	3300	2850	2850	2200
50	3400	2900	2600	2600	2100
45	3050	2600	2400	2400	2000
40	2800	2400	2250	2250	1950
35	2600	2150	2150	2050	1900
30	2400	1930	2080	1850	1830
25	2300	1750	2050	1720	-
20	2200	1600	2000	1590	-
15	2100	1500	1950	1520	-
10	2050	1460	-	-	-
5	2020	1450	-	-	-
0	2000	1440	-	-	-

1) The rated loads are the maximum lift capacities as determined by operating radius, boom length and boom angle. The operating radius is the horizontal distance from a projection of the axis of rotation to the supporting surface, before loading, to the center of vertical hoist line or tackle with load applied.

2) The rated loads shown on otriggers do not exceed 85% of actual tipping. The rated loads shown on rubber do not exceed 75% of actual tipping. Retracted outrigger rated loads meet ASME B30.5-2004. These ratings are based on freely uniform supporting surface. Practical working loads depend on stability. Hazardous surroundings, climatic conditions, experience account by the operator.

3) The weights of all load handling devices, such as hooks, hook blocks, slings, etc, except the hoist rope, shall be considered as part of the load. See above.

4) Ratings on outriggers are for either outriggers fully extended and down or fully retracted and down. Ratings for outriggers fully retracted and down will apply for any intermediate outrigger setting.

5) Ratings on rubber depend on tire capacity, condition of tires and proper inflation pressure (120 psi). Loads on rubber may be transported at a maximum speed of 2.5 mph on a smooth hard level surface with boom retracted to the shortest length possible and centered over front. Do not use jib with crane on rubber.

6) For operating radius not shown, use load rating of next larger radius.

7) The maximum combined total boom and deck load is 16,000 lb the maximum deck load only is 20,000 lb.

8) Do not induce any external side loads to boom or jib.

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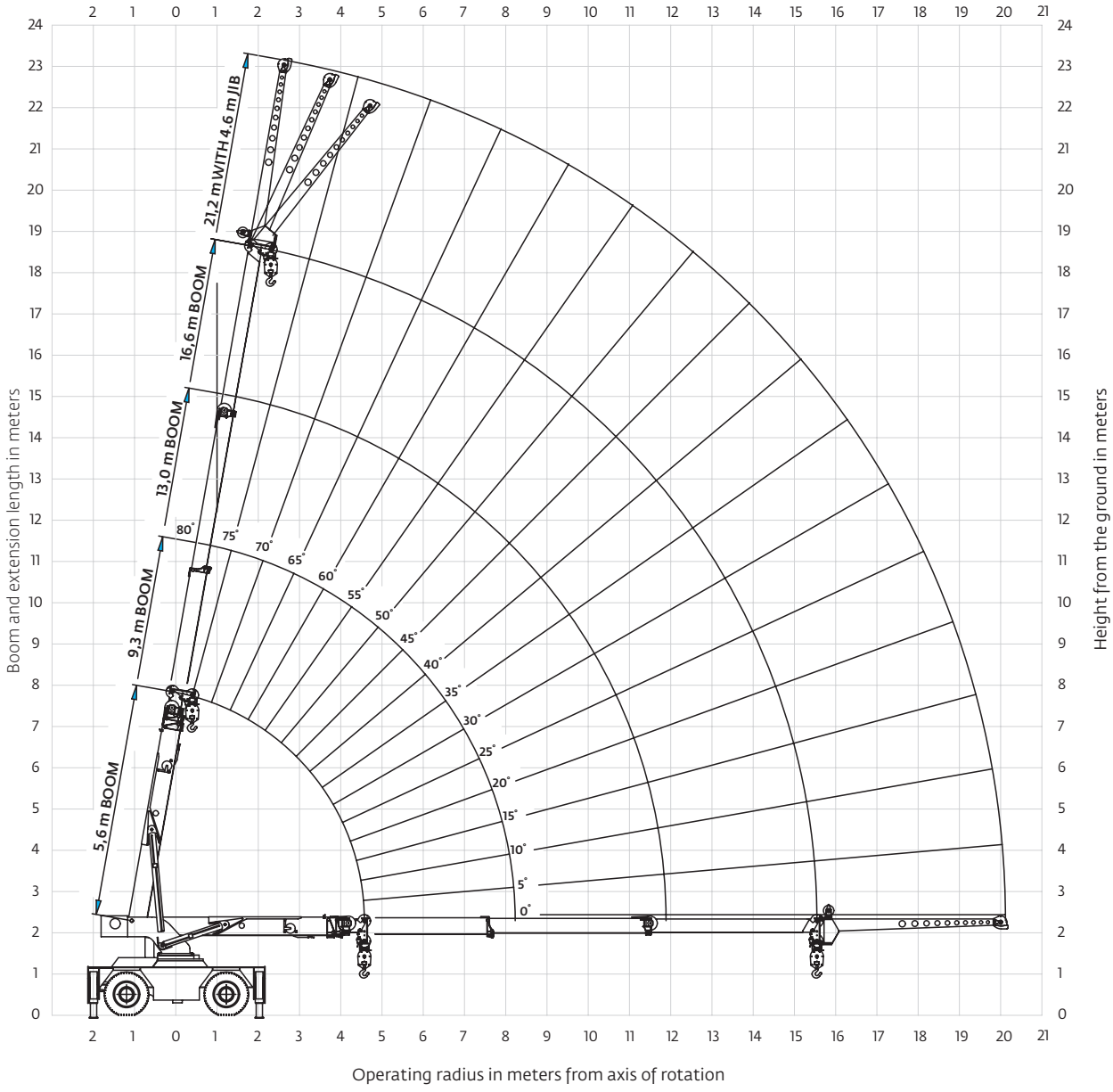
MAXIMUM PERMISSIBLE SINGLE LINE PULL = 9000 LB

WIRE ROPE: 13 mm Diameter 8 X 25 Galvanized
Minimum required breaking strength = 37,200 lb

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DIN/ISO range diagram

YB5518



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DIN/ISO load chart

YB5518

Radius (m)	MAIN BOOM LOAD RATINGS ON OUTRIGGERS Extended and Down 360° or Retracted and Down Front/Rear							
	5,6 m BOOM		9,3 m BOOM		13,0 m BOOM		16,6 m BOOM	
	Boom Angle (deg)	Rated Load (kg)	Boom Angle (deg)	Rated Load (kg)	Boom Angle (deg)	Rated Load (kg)	Boom Angle (deg)	Rated Load (kg)
1,8	64	16 330	75	10 560	79	8230	-	-
2,4	57	14 290	71	10 430	76	8000	80	5860
3,0	48	10 900	67	10 000	74	7110	77	5800
3,7	38	8850	63	8880	71	6280	75	5530
4,3	25	7120	58	7260	68	5610	73	4920
4,6	0	6390	56	6640	66	5330	72	4660
4,9	-	-	53	6100	65	5070	71	4420
5,5	-	-	48	5220	62	4620	68	4020
6,1	-	-	43	4530	59	4240	66	3670
6,7	-	-	36	3980	55	3920	64	3380
7,3	-	-	29	3530	52	3570	61	3130
7,9	-	-	18	3160	48	3260	59	2910
8,2	-	-	0	3040	46	3100	58	2820
8,5	-	-	-	-	44	2960	56	2750
9,1	-	-	-	-	40	2625	54	2580
9,8	-	-	-	-	36	2335	51	2390
10,4	-	-	-	-	30	2050	48	2170
11,0	-	-	-	-	24	1810	45	1930
11,6	-	-	-	-	15	1630	42	1725
11,9	-	-	-	-	0	1550	40	1630
12,2	-	-	-	-	-	-	39	1540
12,8	-	-	-	-	-	-	35	1390
13,4	-	-	-	-	-	-	31	1270
14,0	-	-	-	-	-	-	26	1150
14,6	-	-	-	-	-	-	21	1045
15,5	-	-	-	-	-	-	0	930

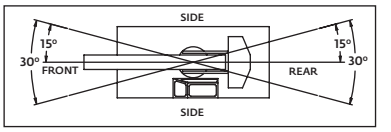
Radius (m)	MAIN BOOM ON RUBBER Any Boom Length	
	Front Rating (kg)	360° Rating (kg)
1,8	7260	4950
2,4	5680	3950
3,0	4500	3360
3,7	3620	2880
4,3	3040	2390
4,9	2570	2000
5,5	2190	1690
6,1	1890	1430
6,7	1640	1210
7,3	1420	1030
7,9	1220	870
8,5	1090	740
9,1	950	630
9,8	840	525
10,4	720	430
11,0	610	340
11,6	520	270
12,2	470	215
12,8	400	165
13,4	340	120
14,0	280	80
14,6	230	45
15,5	150	0

Note: For 360° rating on rubber, rear axle locks must be in place.

NOTES:
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OPERATION OF THIS EQUIPMENT IN EXCESS OF RATING CHARTS AND DISREGARD OF INSTRUCTIONS IS DANGEROUS AND VOIDS WARRANTY.



RATING REDUCTIONS FOR LOAD HANDLING DEVICES INSTALLED (kg)		
	FROM MAIN BOOM	FROM JIB
MAIN BLOCK	95	NOT APPLICABLE
HOOK & BALL	43	43
JIB STOWED	NO REDUCTION	NOT APPLICABLE
JIB DEPLOYED	318	NO REDUCTION

Radius (m)	MAIN BOOM LOAD RATINGS ON OUTRIGGERS Retracted and Down 360°							
	5,6 m BOOM		9,3 m BOOM		13,0 m BOOM		16,6 m BOOM	
	Boom Angle (deg)	Rated Load (kg)	Boom Angle (deg)	Rated Load (kg)	Boom Angle (deg)	Rated Load (kg)	Boom Angle (deg)	Rated Load (kg)
1,8	64	16 330	75	10 560	79	8230	-	-
2,4	57	9760	71	8450	76	7500	80	5850
3,0	48	6890	67	6250	74	5630	77	5130
3,7	38	5050	63	4860	71	4480	75	4180
4,3	25	3700	58	3910	68	3660	73	3420
4,6	0	3260	56	3530	66	3320	72	3140
4,9	-	-	53	3210	65	3070	71	2870
5,5	-	-	48	2700	62	2590	68	2440
6,1	-	-	43	2240	59	2200	66	2100
6,7	-	-	36	1890	55	1890	64	1810
7,3	-	-	29	1610	52	1630	61	1580
7,9	-	-	18	1390	48	1420	59	1380
8,2	-	-	0	1310	46	1320	58	1290
8,5	-	-	-	-	44	1220	56	1210
9,1	-	-	-	-	40	1050	54	1060
9,8	-	-	-	-	36	930	51	920
10,4	-	-	-	-	30	830	48	810
11,0	-	-	-	-	24	730	45	720
11,6	-	-	-	-	15	640	42	650
11,9	-	-	-	-	0	610	40	600
12,2	-	-	-	-	-	-	39	560
12,8	-	-	-	-	-	-	35	470
13,4	-	-	-	-	-	-	31	390
14,0	-	-	-	-	-	-	26	320
14,6	-	-	-	-	-	-	21	250
15,5	-	-	-	-	-	-	0	170

Main Boom Angle (deg)	4,6 m JIB CAPACITIES ON EXTENDED OUTRIGGERS (kg) Jib Offset Angle				
	0°		15°		30°
	To 13,0 m Main Boom	To 16,6 m Main Boom	To 13,0 m Main Boom	To 16,6 m Main Boom	Any Boom Length
80	-	-	2270	2270	1590
75	3450	-	2000	2000	1410
70	2770	-	1770	1770	1270
65	2270	2090	1590	1590	1160
60	1950	1730	1430	1420	1070
55	1730	1460	1290	1260	1000
50	1540	1225	1180	1100	930
45	1380	1020	1090	940	850
40	1270	870	1020	800	780
35	1180	760	980	700	700
30	1090	680	940	625	630
25	1010	610	930	570	-
20	930	565	910	535	-
15	870	550	890	520	-
10	840	535	-	-	-
5	830	530	-	-	-
0	825	530	-	-	-

1) The rated loads are the maximum lift capacities as determined by operating radius, boom length and boom angle. The operating radius is the horizontal distance from a projection of the axis of rotation to the supporting surface, before loading, to the center of vertical hoist line or tackle with load applied.

2) The rated loads shown on outriggers do not exceed 80% of actual tipping. The rated loads shown on rubber do not exceed 75% of actual tipping. These ratings are based on freely suspended loads with the crane leveled, standing on a firm, uniform supporting surface. Practical working loads depend on supporting surface, operating radius and other factors affecting stability. Hazardous surroundings, climatic conditions, experience of personnel and proper handling must all be taken into account by the operator.

3) The weights of all load handling devices, such as hooks, hook blocks, slings, etc., except the hoist rope, shall be considered as part of the load. See above.

4) Ratings on outriggers are for either outriggers fully extended and down or fully retracted and down. Ratings for outriggers fully retracted and down will apply for any intermediate outrigger setting.

5) Ratings on rubber depend on tire capacity, condition of tires and proper inflation pressure (8,3 bar). Loads on rubber may be transported at a maximum speed of 1,4 km/h on a smooth hard level surface with boom retacted to the shortest length possible and centered over front. Do not use jib with crane on rubber.

6) For operating radius not shown, use load rating of next larger radius.

7) The maximum combined total boom and deck load is 7264 kg. The maximum deck load only is 9080 kg.

8) Do not induce any external side loads to boom or jib.

MAXIMUM PERMISSIBLE SINGLE LINE PULL = 4080 kg

WIRE ROPE: 13 mm dia. 10 x 19 EIPS IWRC BRIGHT
Min. req'd breaking strength = 15 710 kg

THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.
The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

Symbols glossary


Axles


Counterweight


Grade


Outriggers


Boom


Drive


Heavy duty jib


Radius


Boom elevation


Electrical system


Hoist


Rotation


Boom extension


Engine


Hookblock


Speed


Boom length


Extension


Hydraulic system


Steering


Boom nose


Frame


Lights


Suspension


Brakes


Fuel tank capacity


Oil


Swing


Cab


Gear


Outrigger controls


Tires


Transmission

Regional Headquarters

Manitowoc - Americas
Manitowoc, Wisconsin, USA
Tel: +1 920 684 6621
Fax: +1 920 683 6277

Shady Grove, Pennsylvania, USA
Tel: +1 717 597 8121
Fax: +1 717 597 4062

Manitowoc - Europe, Middle East & Africa
Ecully, France
Tel: +33 (0)4 72 18 20 20
Fax: +33 (0)4 72 18 20 00

Manitowoc - Asia Pacific
Shanghai, China
Tel: +86 21 6457 0066
Fax: +86 21 6457 4955

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