



# 5500 Series



## product guide

### features

- 2 models ...
  - 5540F:** 15.0T (13.6mt) 3-section boom with 41 ft. 0 in. (12.5m) outreach
  - 5560B:** 18.0T (16.3mt) 4-section boom with 54 ft. 6 in. (16.6m) outreach
- 15 ft. (4.6m) offsettable swingaway extension
- 20,000 lb. (9 072kg) deck carrying capacity
- 101 bhp (75.3 kW) GM EFI dual fuel engine or 99 bhp (73.8 kW) Cummins, Tier III, diesel engine



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Industrial Hydraulic Crane

# 5500 Series

## features

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- Single position oblique style outriggers (5540F).
- 2-position beam / jack style outriggers (5560B).



**Standard:**

- Cummins QSB 3.3L, Tier III, diesel rated @ 99 bhp (73.8Kw) @ 2600 r.p.m.



**Standard:** Open air cab shell w/overhead safety glass

**Optional:** Closed cab with hinged door, heater, and defroster



- Standard:** 41 ft. (12.5m) main boom on the 5540F  
54 ft. 6 in. (16.6m) main boom on the 5560B
- Optional:** 5540F: Manual 4th main boom section adds 11 ft. (3.4m) additional main boom length



- Standard:** 2-wheel, 4-wheel and crab steer (5540F)
- Optional:** 2-wheel, -4-wheel, and crab steer with electronic self-alignment (**std. on 5560B**)

# specifications

## Superstructure

### Boom

5540F: 18 ft. 6 in. – 41 ft. 0 in. (5.6m – 12.5m) three-section full power boom.  
Maximum tip height: 46 ft. 3 in. (14.1m)

5560B: 18 ft. 6 in. – 54 ft. 6 in. (5.6m – 16.6m) four-section full power boom.  
Maximum tip height: 62 ft. 6 in. (19.0m)

### \*Optional Boom

5540F: Manual 4th main boom fly section  
Maximum tip height: 56 ft. 3 in. (17.0m)

### \*Boom Extension

15 ft. (4.6m) offsettable swingaway extension

### Boom Nose

5540F: 2 sheave non-pivoting boom nose  
5560B: Two sheave, -3-position (0°, +40°, +80°) pivoting boom nose for minimizing head space requirements. Lowers head height 15.9 in. (0.4m) when nose is pivoted fully forward.

### Boom Elevation

5540F: Single double acting hydraulic cylinder with integral holding valve.  
5560B: Two double acting hydraulic cylinders with integral holding valve.  
Elevation: 0° to 69° for the 5540F  
0° to 80° for the 5560B

### 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.

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### Swing

Ball bearing swing circle with 360° continuous rotation.

Hydraulic driven worm gear and pinion.

Maximum speed: 5540F: 2.1 rpm  
5560B: 2.5 rpm

### Hydraulic System

4 section gear pump providing a system pressure of 3500 psi (241.3 bars)

Combined flow: 88.0 gpm (333.1 Lpm)

5540F: Six section valve bank mounted in dash with direct mechanical linkage for low effort lever control.

5560B: 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.

40 gallon (151.4 L) hydraulic reservoir with sight level gauge and steel side plating to guard against side impact damage.

### Hoist Specifications

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

Drum Diameter: 9.75 in. (0.25m)

Maximum hoist single line pull: 12,000 lb. (5 443kg)

Maximum hoist single line speed:

5540F:	126 FPM (38.4m / min)
5560B:	158 FPM (48.2m / min)

Maximum Permissible Single Line Pull:

5540F:	7,500 lb (3 402kg)
(1/2" [12.7mm] EEIPS)	
5560B:	9,000 lb (4 082kg)
(1/2" [12.7mm] Python Ultra)	

Rope Length:

5540F:	240 ft. (73.0m)
(3-section boom)	
(4-section boom)	290 ft. (88.4m)
5560B:	310 ft. (94.5m)

\*Denotes optional equipment

5500 Series

# specifications

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## Carrier

### Frame

High strength alloy steel constructed with integral outrigger housings; front and rear tie-down lugs. 75 ft.<sup>2</sup> carrydeck size with 20,000 lb (9 072kg) carrying capacity. Deck coated with anti-skid treatment.

### Outriggers

5540F: 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 8.75" x 10" (222 mm x 254 mm).  
 5560B: 2-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 8.75" x 10" (222 mm x 254 mm).

### Outrigger Controls

5540F: Lever controls located on dash panel and operate the beams in pairs from side to side. Level bubble located inside operators compartment.

5560B: Two switch operation mounted on dash panel. One 3-position rocker switch to select all beams / jacks, left beams / jacks only, or right beams / jacks only. Separate 4-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.

### Std. Engine

Cummins QSB 3.3L turbocharged diesel rated @ 99 bhp (73.8kW) @ 2600 rpm.

### \*Optional Engine

G.M. 4.3L V-6 EFI dual fuel (gasoline / L.P.) rated @ 101 bhp (75.3kW) @ 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.

### Fuel Tank Capacity

40 gallon (151.4 L) 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

5540F: 2-wheel, 4-wheel, and crab steer

5560B: 2-wheel, -4-wheel, and crab steer w/electric self alignment.



### Transmission

5540F: I.T.L. synchromesh 4-speeds forward and reverse.

5560B: I.T.L. powershift 4-speeds forward and reverse. Stalk mounted shifter on left side of steering column.



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 & Rear: Rigid mounted to frame.

Option: 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.



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



### Maximum Speed

5540F: 14.5 mph (23.3km/h)

5560B: 21.0 mph (33.8km/h)



### Gradeability\*\*

5540F: 73%....no load

41%....20,000lb (9 072kg) load

5560B: 68%....no load

40%....20,000lb (9 072kg) load

### G.V.W.

5540F: 26,300 lb (11 930kg) 3-section boom

26,750 lb (12 134kg) 4-section boom

5560B: 30,000 lb (13 608kg)

### Miscellaneous Standard Equipment

Two sheave, "Quick Reeve" style hookblock;

5540F: 15.0T (13.6mt); 5560B: 18.0T (16.3mt).

Back-up alarm

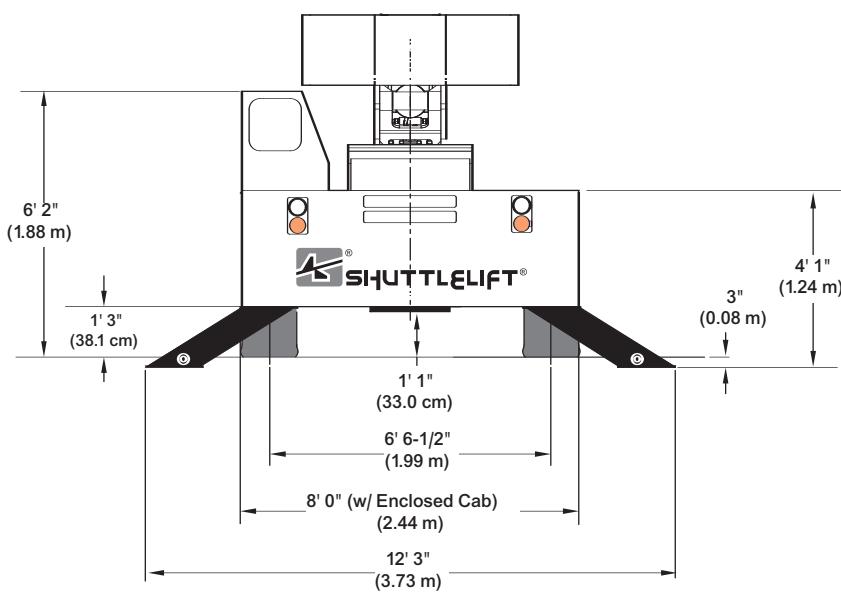
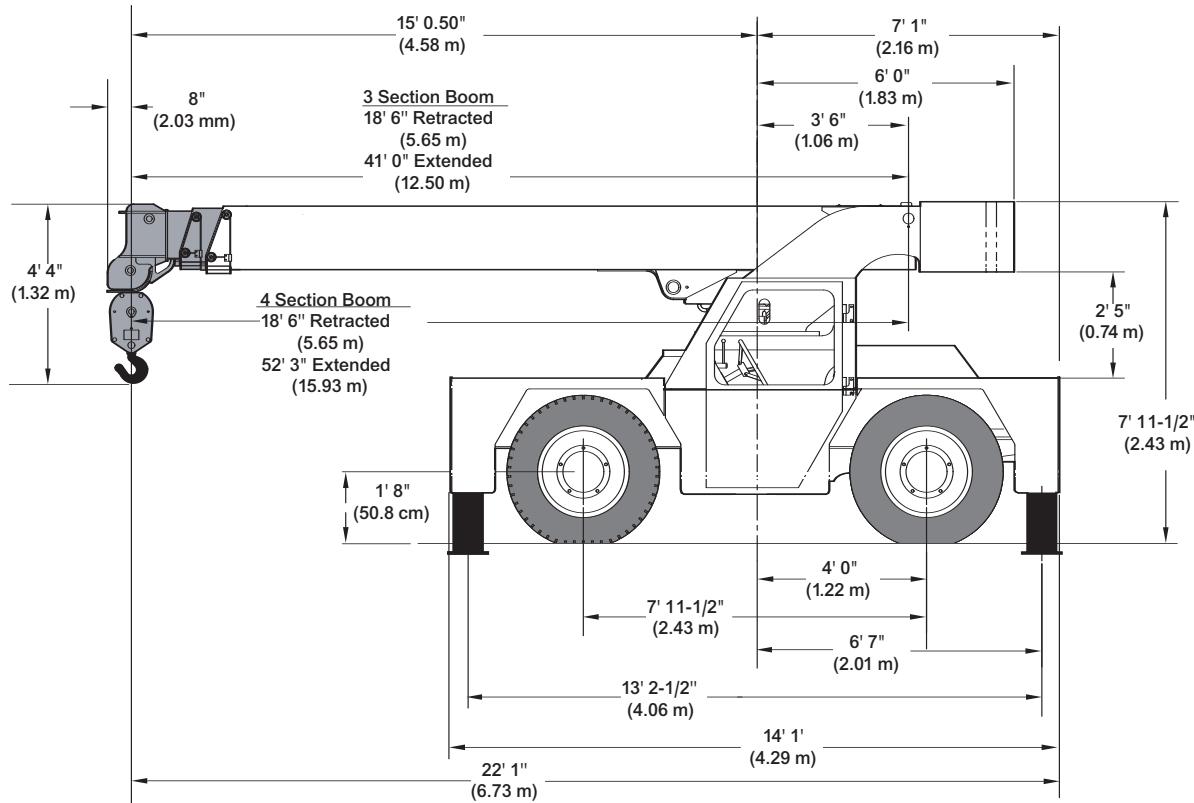
Lifting and tie down lugs

\*Denotes Optional Equipment

\*\*Theoretical

# dimensions

## 5540F



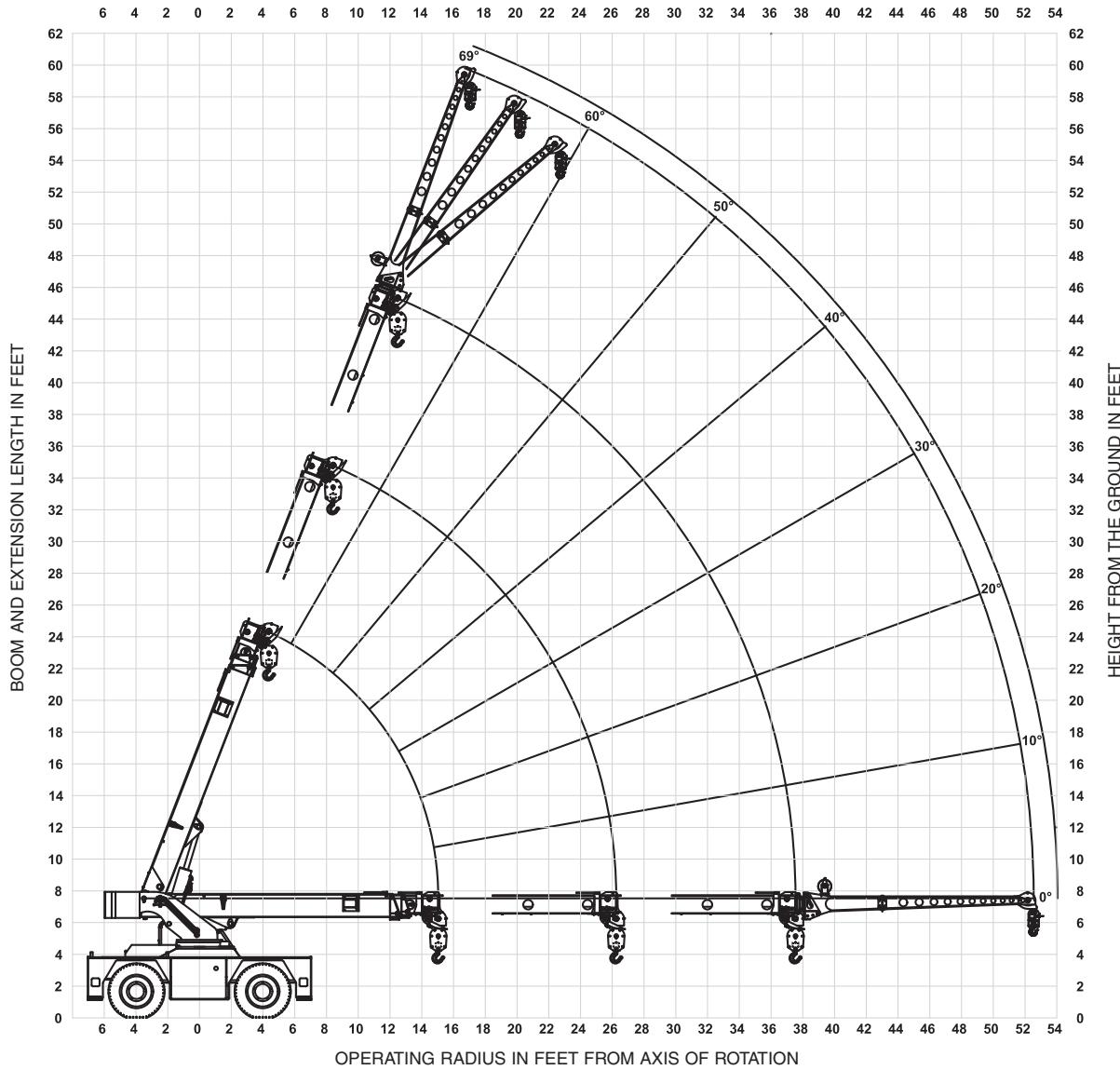
**5500 Series**

# range diagram

3-SECTION BOOM

**5540F**

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**5500 Series**

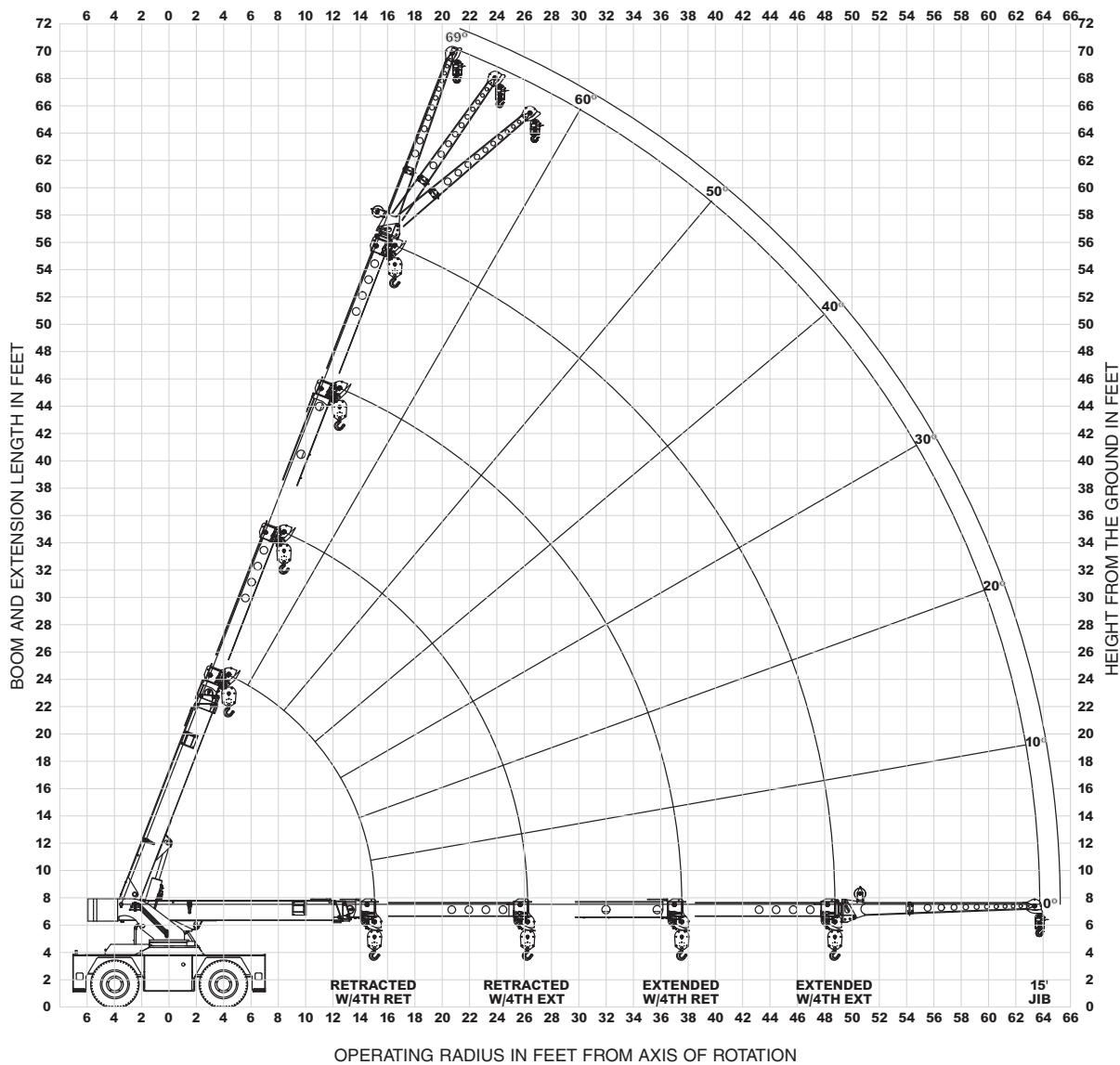
THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE. The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

# range diagram

**5540F**

4-SECTION BOOM

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**5500 Series**

# load chart

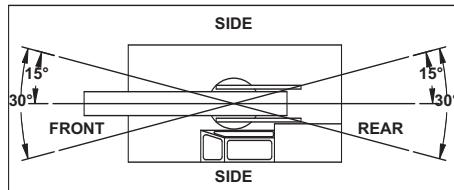
## 5540F w/3-section boom

	RADIUS (ft)	ON OUTRIGGERS (lbs)		ON RUBBER (lbs)		MAIN BOOM ANGLE (deg)	JIB STRUCTURAL CAPACITIES (lbs)		
		F/R	360°	F/R	360°		0°	15°	30°
MAIN BOOM	6.0	30000	30000	17000	17000	69	6000	3900	2800
	8.0	26200	26200	13500	14600	65	5000	3500	2550
	10.0	22300	22300	10700	10880	60	4300	3150	2350
	12.0	18600	18600	8710	8100	55	3800	2850	2200
	14.0	14800	14800	7210	6000	50	3400	2600	2100
	15.0	13000	13000	6600	5250	45	3050	2400	2000
	16.0	12200	12200	6060	4760	40	2800	2250	1950
	18.0	10800	10800	5120	3900	35	2600	2150	1900
	20.0	9630	9180	4370	3190	30	2400	2080	1850
	22.0	8640	7480	3710	2660	25	2300	2050	-
	24.0	7790	6210	3070	2200	20	2200	2000	-
	26.0	7040	5310	2620	1820	15	2100	1950	-
	28.0	6420	4740	2260	1530	10	2050	-	-
	30.0	5700	4290	1990	1320	5	2020	-	-
	32.0	5060	3920	1790	1160	0	2000	-	-
	34.0	4510	3580	1610	1040				
	36.0	4020	3260	1460	930				
	37.5	3700	3060	1370	860				
JIB	40.0	3480	2860	1270	800				
	42.0	3310	2700	1190	740				
	44.0	3130	2560	1120	690				
	46.0	2960	2410	1040	640				
	48.8	2710	2210	930	570				
	52.5	2390	1940	790	480				

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.



REDUCTION CHART		
	FROM MAIN BOOM RATINGS	FROM JIB RATINGS
MAIN BLOCK	210 lbs	N/A
HOOK & BALL	100 lbs	100 lbs
JIB, STOWED	0 lbs	N/A
JIB, DEPLOYED	700 lbs	0 lbs

RIGGING CHART	
1-PART 0-7500 lbs	4-PART 0-30000 lbs
WIRE ROPE: 1/2 inch diameter Min. breaking strength 26250 lbs.	

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.

- 1) The rated loads are the maximum lifting capacities as determined by operating radius only. Any combination of boom lengths and angles may be used to obtain operating radius. 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 85% 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 operator and proper training must 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 reduction chart.
- 4) Ratings on outriggers are with outriggers fully extended.
- 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 the boom retracted to the shortest length possible and centered over the front.
- 6) For operating radius not shown, use load rating of next larger radius.
- 7) The maximum combined total boom and deck load is 16000 lbs. The maximum deck load only is 20000 lbs.
- 8) Do not induce any external side loads to boom or jib.

# load chart

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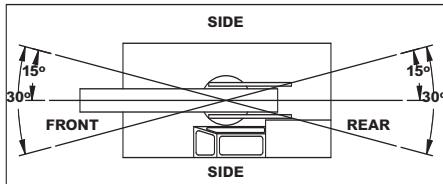
## 5540F w/ 4-section boom

RADIUS (ft)	4TH RETRACTED				RADIUS (ft)	4TH EXTENDED				MAIN BOOM ANGLE (deg)	JIB STRUCTURAL CAPACITIES (lbs)							
	ON OUTRIGGERS (lbs)		ON RUBBER (lbs)			ON OUTRIGGERS (lbs)		ON RUBBER (lbs)			4TH RETRACTED			4TH EXTENDED				
	F/R	360°	F/R	360°		F/R	360°	F/R	360°		0°	15°	30°	0°	15°	30°		
6.0	30000	30000	17000	17000	6.0	-	-	-	-	69	6000	3900	2800	5180	3900	2800		
8.0	26200	26200	13500	14600	8.0	11000	11000	11000	11000	65	5000	3500	2550	4970	3500	2550		
10.0	22300	22300	10700	11000	10.0	10700	10700	10700	10700	60	4300	3150	2350	4300	3150	2350		
12.0	18600	18600	8710	7650	12.0	9250	9250	9250	9250	55	3800	2850	2200	3800	2850	2200		
14.0	14800	14800	7210	5480	14.0	8290	8390	7760	7500	50	3400	2600	2100	3400	2600	2100		
15.0	13000	13000	6600	4890	15.0	8200	8200	7150	6080	45	3050	2400	2000	3050	2400	2000		
16.0	12200	12200	6060	4500	16.0	8110	8110	6610	5510	35	2600	2150	1900	2600	2150	1900		
18.0	10800	10600	4950	3750	18.0	7950	7950	5680	4500	30	2400	2080	1850	2400	2080	1850		
20.0	9630	8630	3980	3080	20.0	7820	7820	4730	3560	25	2300	2050	-	2300	2050	-		
22.0	8640	7350	3230	2460	22.0	7710	7710	3980	3000	20	2200	2000	-	2200	2000	-		
24.0	7790	6460	2720	1990	24.0	7630	7270	3410	2520	15	2100	1950	-	2100	1950	-		
26.0	6800	5700	2360	1610	26.0	7100	6330	2940	2150	10	2050	-	-	2050	-	-		
28.0	5820	5040	2100	1410	28.0	6590	5420	2550	1840	5	2020	-	-	2020	-	-		
30.0	5020	4420	1880	1220	30.0	5710	4760	2190	1580	0	2000	-	-	2000	-	-		
32.0	4400	3950	1650	1070	32.0	5180	4080	1880	1360									
34.0	3930	3570	1460	920	34.0	4680	3570	1600	1160									
36.0	3510	3190	1280	770	36.0	4250	3190	1370	990									
37.5	3210	2890	1180	680	37.5	3830	2970	1240	880									
40.0	2950	2600	1070	610	40.0	3400	2700	1070	740									
42.0	2760	2430	970	550	42.0	3150	2490	960	630									
44.0	2590	2250	890	500	44.0	2890	2300	870	540									
46.0	2430	2090	800	450	46.0	2630	2130	790	470									
48.8	2240	1850	680	380	48.8	2320	1930	710	370									
52.5	2030	1480	500	290	52.5	2070	1710	590	280									
58.0	-	-	-	-	58.0	1720	1380	420	170									
63.8	-	-	-	-	63.8	1330	1020	230	60									

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REDUCTION CHART		
	FROM MAIN BOOM RATINGS	FROM JIB RATINGS
MAIN BLOCK	210 lbs	N/A
HOOK & BALL	100 lbs	100 lbs
JIB, STOWED	0 lbs	N/A
JIB, DEPLOYED	700 lbs	0 lbs

RIGGING CHART	
1-PART 0-7500 lbs	4-PART 0-30000 lbs
WIRE ROPE: 1/2 inch diameter Min. breaking strength 26250 lbs.	

1) The rated loads are the maximum lifting capacities as determined by operating radius only. Any combination of boom lengths and angles may be used to obtain operating radius. 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 85% 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 operator and proper training must 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 reduction chart.

4) Ratings on outriggers are with outriggers fully extended.

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 the boom retracted to the shortest length possible and centered over the front.

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

7) The maximum combined total boom and deck load is 16000 lbs. The maximum deck load only is 20000 lbs.

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

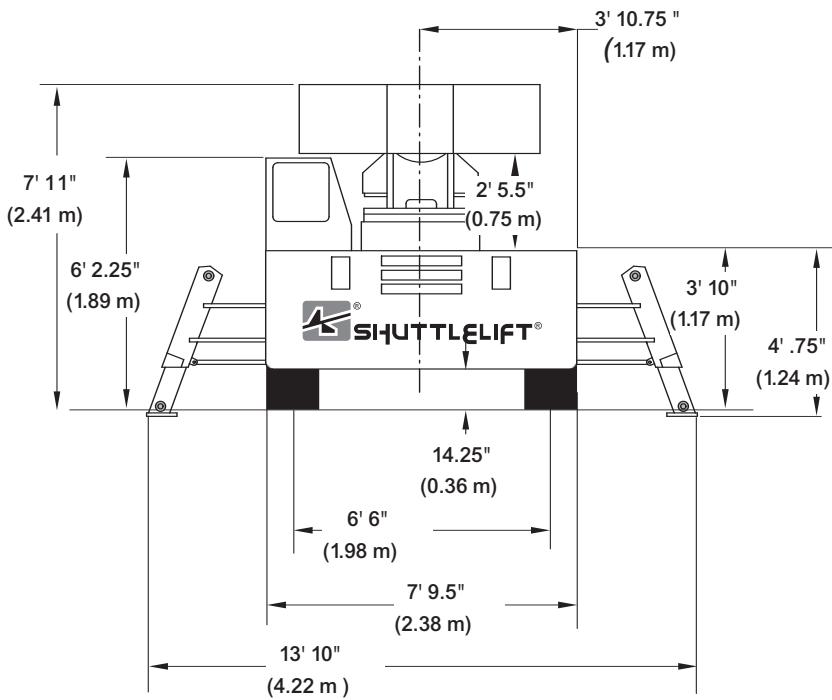
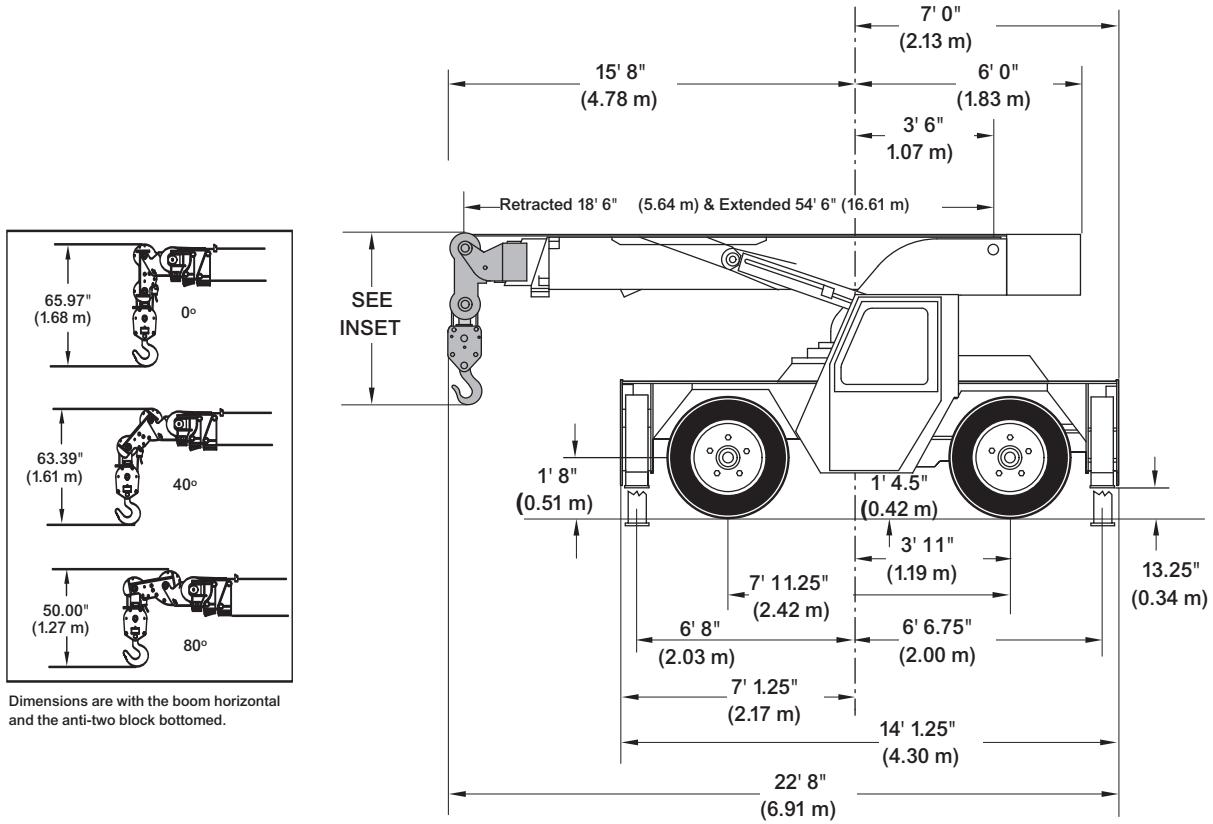
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# 5500 Series

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## dimensions

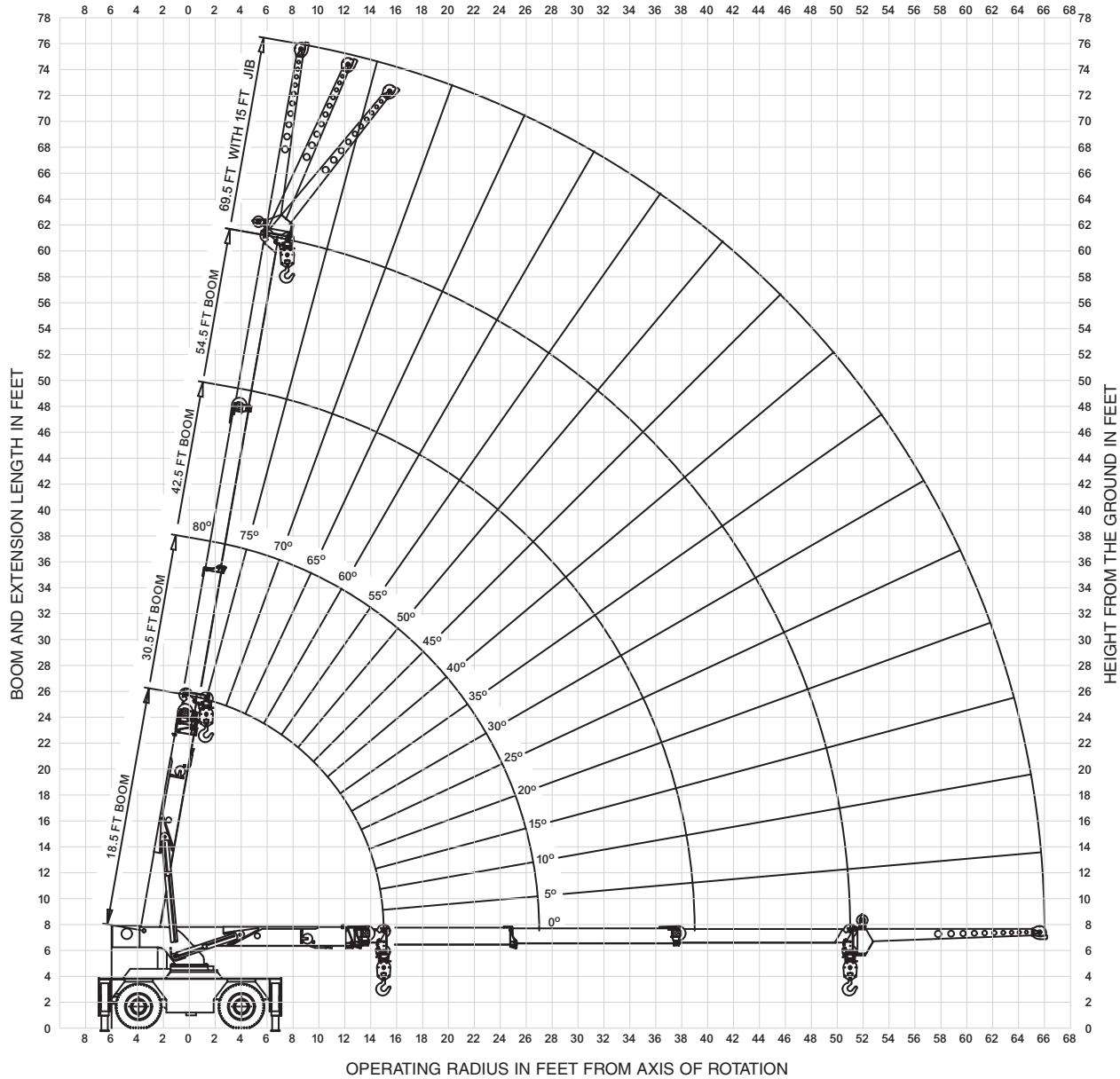
**5560B**



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# range diagram

**5560B**



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**5500 Series**

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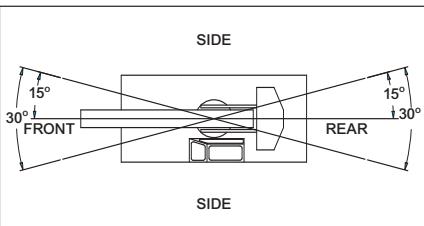
# load chart

**5560B**

MAIN BOOM LOAD RATINGS ON OUTRIGGERS Extended and Down 360° or Retracted and Down Front/Rear								
18.5 ft BOOM			30.5 ft BOOM		42.5 ft BOOM		54.5 ft BOOM	
Radius (ft)	Boom Angle (deg)	Rated Load (lbs)	Boom Angle (deg)	Rated Load (lbs)	Boom Angle (deg)	Rated Load (lbs)	Boom Angle (deg)	Rated Load (lbs)
6	64	<b>36000</b>	75	<b>24500</b>	79	<b>23700</b>	-	-
8	57	<b>31500</b>	71	<b>24500</b>	77	<b>23000</b>	80	<b>17400</b>
10	49	<b>24000</b>	67	<b>24000</b>	74	<b>21500</b>	77	<b>15800</b>
12	39	<b>19500</b>	63	<b>20000</b>	71	<b>19700</b>	75	<b>14000</b>
14	25	<b>16200</b>	58	<b>16800</b>	68	<b>17000</b>	73	<b>12600</b>
15.0	0	<b>15000</b>	56	<b>15500</b>	66	<b>15800</b>	72	<b>12000</b>
16	-	-	53	<b>14400</b>	65	<b>14600</b>	71	<b>11400</b>
18	-	-	48	<b>12500</b>	62	<b>12700</b>	69	<b>10500</b>
20	-	-	43	<b>11000</b>	59	<b>11200</b>	66	<b>9600</b>
22	-	-	37	<b>9800</b>	55	<b>10000</b>	64	<b>8900</b>
24	-	-	29	<b>8700</b>	52	<b>9000</b>	61	<b>8300</b>
26	-	-	18	<b>7800</b>	48	<b>8100</b>	59	<b>7700</b>
27.0	-	-	0	<b>7400</b>	46	<b>7700</b>	58	<b>7500</b>
28	-	-	-	-	44	<b>7300</b>	56	<b>7200</b>
30	-	-	-	-	40	<b>6500</b>	54	<b>6700</b>
32	-	-	-	-	36	<b>5700</b>	51	<b>6000</b>
34	-	-	-	-	30	<b>5100</b>	48	<b>5400</b>
36	-	-	-	-	24	<b>4500</b>	45	<b>4800</b>
38	-	-	-	-	15	<b>4000</b>	42	<b>4300</b>
39.0	-	-	-	-	0	<b>3900</b>	41	<b>4000</b>
40	-	-	-	-	-	-	39	<b>3800</b>
42	-	-	-	-	-	-	35	<b>3400</b>
44	-	-	-	-	-	-	31	<b>3100</b>
46	-	-	-	-	-	-	27	<b>2900</b>
48	-	-	-	-	-	-	21	<b>2700</b>
51.0	-	-	-	-	-	-	0	<b>2400</b>

MAIN BOOM ON RUBBER		
Any Boom Length		
Radius (ft)	Front Rating (lbs)	360° Rating (lbs)
6	<b>16000</b>	<b>10900</b>
8	<b>13000</b>	<b>8700</b>
10	<b>11000</b>	<b>7400</b>
12	<b>9100</b>	<b>6400</b>
14	<b>7800</b>	<b>5600</b>
15.0	<b>7100</b>	<b>5300</b>
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

RATING REDUCTIONS FOR LOAD HANDLING DEVICES INSTALLED (lbs)		
	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°								
18.5 ft BOOM			30.5 ft BOOM		42.5 ft BOOM		54.5 ft BOOM	
Radius (ft)	Boom Angle (deg)	Rated Load (lbs)	Boom Angle (deg)	Rated Load (lbs)	Boom Angle (deg)	Rated Load (lbs)	Boom Angle (deg)	Rated Load (lbs)
6	64	<b>36000</b>	75	<b>24500</b>	79	<b>23700</b>	-	-
8	57	<b>29000</b>	71	<b>24500</b>	77	<b>23000</b>	80	<b>17400</b>
10	49	<b>16000</b>	67	<b>22000</b>	74	<b>20000</b>	77	<b>15800</b>
12	39	<b>11400</b>	63	<b>12900</b>	71	<b>12800</b>	75	<b>13000</b>
14	25	<b>8900</b>	58	<b>9900</b>	68	<b>10200</b>	73	<b>10600</b>
15.0	0	<b>8000</b>	56	<b>8900</b>	66	<b>9300</b>	72	<b>9500</b>
16	-	-	53	<b>8100</b>	65	<b>8500</b>	71	<b>8500</b>
18	-	-	48	<b>6800</b>	62	<b>7200</b>	69	<b>7200</b>
20	-	-	43	<b>5900</b>	59	<b>6200</b>	66	<b>6100</b>
22	-	-	37	<b>5000</b>	55	<b>5200</b>	64	<b>5300</b>
24	-	-	29	<b>4100</b>	52	<b>4500</b>	61	<b>4500</b>
26	-	-	18	<b>3600</b>	48	<b>3800</b>	59	<b>3900</b>
27.0	-	-	0	<b>3400</b>	46	<b>3600</b>	58	<b>3600</b>
28	-	-	-	-	44	<b>3300</b>	56	<b>3300</b>
30	-	-	-	-	40	<b>2900</b>	54	<b>2800</b>
32	-	-	-	-	36	<b>2500</b>	51	<b>2500</b>
34	-	-	-	-	30	<b>2200</b>	48	<b>2200</b>
36	-	-	-	-	24	<b>2000</b>	45	<b>2000</b>
38	-	-	-	-	15	<b>1800</b>	42	<b>1800</b>
39.0	-	-	-	-	0	<b>1700</b>	41	<b>1700</b>
40	-	-	-	-	-	-	39	<b>1600</b>
42	-	-	-	-	-	-	35	<b>1400</b>
44	-	-	-	-	-	-	31	<b>1300</b>
46	-	-	-	-	-	-	27	<b>1100</b>
48	-	-	-	-	-	-	21	<b>900</b>
51.0	-	-	-	-	-	-	0	<b>700</b>

15 FT JIB CAPACITIES ON EXTENDED OUTRIGGERS								
Main Boom Angle (deg)	Jib Offset Angle							
	0 deg	15 deg	30 deg	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	-	-	-	<b>5000</b>	<b>5000</b>	<b>3500</b>		
75	<b>7500</b>	-	-	<b>4400</b>	<b>4400</b>	<b>3100</b>		
70	<b>6100</b>	-	-	<b>3900</b>	<b>3900</b>	<b>2800</b>		
65	<b>5000</b>	<b>4600</b>	<b>3500</b>	<b>3500</b>	<b>3500</b>	<b>2550</b>		
60	<b>4300</b>	<b>3800</b>	<b>3150</b>	<b>3150</b>	<b>3150</b>	<b>2350</b>		
55	<b>3800</b>	<b>3300</b>	<b>2850</b>	<b>2850</b>	<b>2850</b>	<b>2200</b>		
50	<b>3400</b>	<b>2900</b>	<b>2600</b>	<b>2600</b>	<b>2600</b>	<b>2100</b>		
45	<b>3050</b>	<b>2600</b>	<b>2400</b>	<b>2400</b>	<b>2400</b>	<b>2000</b>		
40	<b>2800</b>	<b>2400</b>	<b>2250</b>	<b>2250</b>	<b>2250</b>	<b>1950</b>		
35	<b>2600</b>	<b>2150</b>	<b>2150</b>	<b>2050</b>	<b>2050</b>	<b>1900</b>		
30	<b>2400</b>	<b>1930</b>	<b>2080</b>	<b>1850</b>	<b>1850</b>	<b>1830</b>		
25	<b>2300</b>	<b>1750</b>	<b>2050</b>	<b>1720</b>	<b>1720</b>	-		
20	<b>2200</b>	<b>1600</b>	<b>2000</b>	<b>1590</b>	<b>1590</b>	-		
15	<b>2100</b>	<b>1500</b>	<b>1950</b>	<b>1520</b>	<b>1520</b>	-		
10	<b>2050</b>	<b>1460</b>	-	-	-	-		
5	<b>2020</b>	<b>1450</b>	-	-	-	-		
0	<b>2000</b>	<b>1440</b>	-	-	-	-		

MAXIMUM PERMISSIBLE SINGLE LINE PULL = 9000 lbs	
WIRE ROPE: 1/2 inch dia. 10 x 19 EIPS IWRC BRIGHT Min. req'd breaking strength = 31,500 lbs	

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.

**notes**

**13**

**5500 Series**

**notes**

**14**

**5500 Series**

**notes**

**15**

**5500 Series**



## **Regional Headquarters**

### **Americas**

Manitowoc, Wisconsin, USA

Tel: +1 920 684 6621

Fax: +1 920 683 6278

Shady Grove, Pennsylvania, USA

Tel: +1 717 597 8121

Fax: +1 717 597 4062

## **Regional Offices**

### **Americas**

#### **Brazil**

Alphaville

Tel: +55 11 3103 0200

Fax: +55 11 4688 2013

#### **Mexico**

Monterrey

Tel: +52 81 8124 0128

Fax: +52 81 8124 0129

### **Europe, Middle East, Africa**

#### **Algeria**

Hydra

Tel: +21 3 21 48 1173

Fax: +21 3 21 48 1454

#### **Czech Republic**

Netvorice

Tel: +420 317 78 9313

Fax: +420 317 78 9314

#### **France**

Baudemont

Tel: +33 385 28 2589

Fax: +33 385 28 0430

Cergy

Tel: +33 130 31 3150

Fax: +33 130 38 6085

Decines

Tel: +33 472 81 5000

Fax: +33 472 81 5010

#### **Germany**

Langenfeld

Tel: +49 21 73 8909-0

Fax: +49 21 73 8909 30

#### **Hungary**

Budapest

Tel: +36 13 39 8622

Fax: +36 13 39 8622

#### **Italy**

Parabiago

Tel: +390 331 49 3311

Fax: +390 331 49 3330

### **Europe, Middle East, Africa**

Ecully, France

Tel: +33 472 18 2020

Fax: +33 472 18 2000

### **Asia - Pacific**

Shanghai, China

Tel: +86 21 51113579

Fax: +86 21 51113578

Singapore

Tel: +65 6264 1188

Fax: +65 6862 4142

### **Netherlands**

Breda

Tel: +31 76 578 3999

Fax: +31 76 578 3978

### **Poland**

Warsaw

Tel: +48 22 843 3824

Fax: +48 22 843 3471

### **Portugal**

Alfena

Tel: +351 229 69 8840

Fax: +351 229 69 8848

### **Lisbon**

Tel: +351 212 109 340

Fax: +351 212 109 349

### **Russia**

Moscow

Tel: +7 495 641 2359

Fax: +7 495 641 2358

### **U.A.E.**

Dubai

Tel: +971 4 3381 861

Fax: +971 4 3382 343

### **U. K.**

Middlesex

Tel: +44 1 895 43 0053

Fax: +44 1 895 45 9500

### **Sunderland**

Tel: +44 191 522 2000

Fax: +44 191 522 2052

### **Asia - Pacific**

#### **Australia**

Brisbane

38 Suscatand Street

Rocklea Queensland 4106

Tel: +617 3274 5879

Fax: +617 3274 6558

### **Melbourne**

1/46 Venture Drive

Sunshine West VIC 3020

Tel: +(03) 9336 1322

Fax: +(03) 9336 1300

### **Sydney**

142 Magowar Road

Girraween, NSW 2145

Tel: +61 02 9896 4433

Fax: +61 02 9896 3122

### **China**

Beijing

Tel: +86 10 58674761

Fax: +86 10 58674760

Xi'an

Tel: +86 29 87891465

Fax: +86 29 87884504

### **Korea**

Seoul

Tel: +82 2 3439 0400

Fax: +82 2 3439 0405

### **Philippines**

Makati City

Tel: +63 2 844 9437

Fax: +63 2 844 4712

### **Factories**

Brazil

Alphaville

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