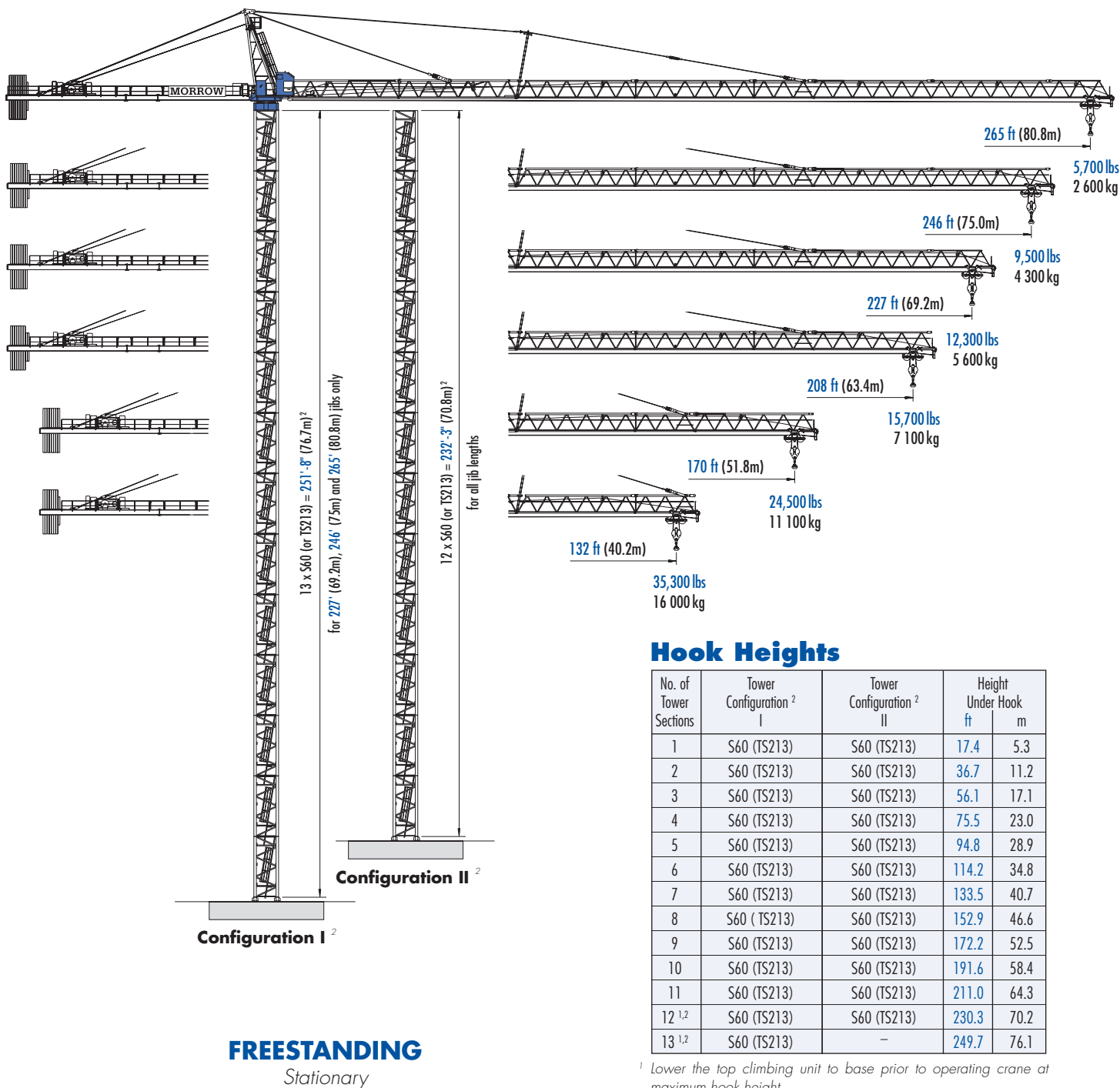


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TOWER CRANE

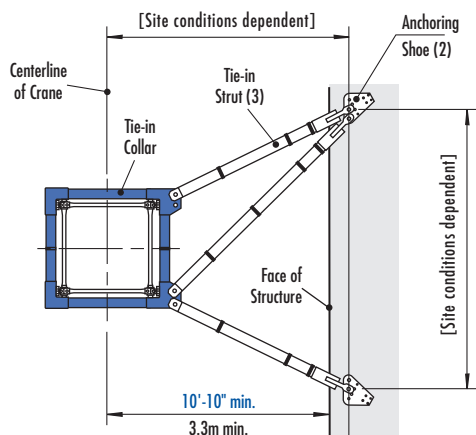


¹ Lower the top climbing unit to base prior to operating crane at maximum hook height.

² 12 tower sections (S60/TS213) can be used with all jib lengths; 13 tower sections can be used with jibs of 227'-0" (69.2m) or longer.

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Configurations

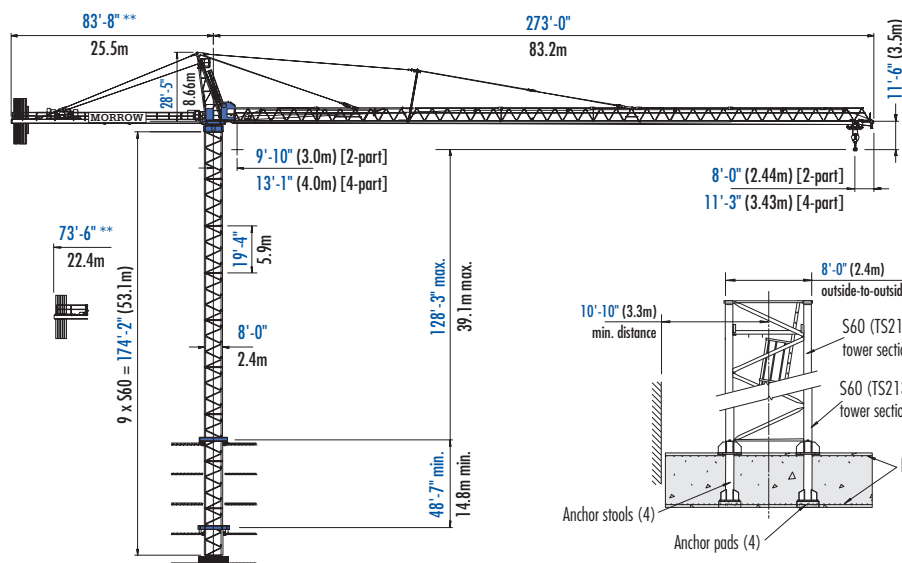


TIE-IN ASSEMBLY

Plan view

*** NOTE!** Lower the top climbing unit to the uppermost tie-in prior to operating crane at maximum hook height.

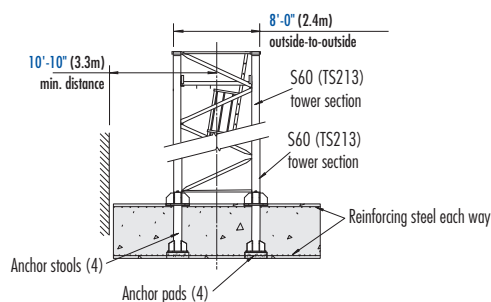
Please consult crane's operation manual before erecting, operating and dismantling crane.



BOTTOM CLIMBING with S60/TS213 Tower

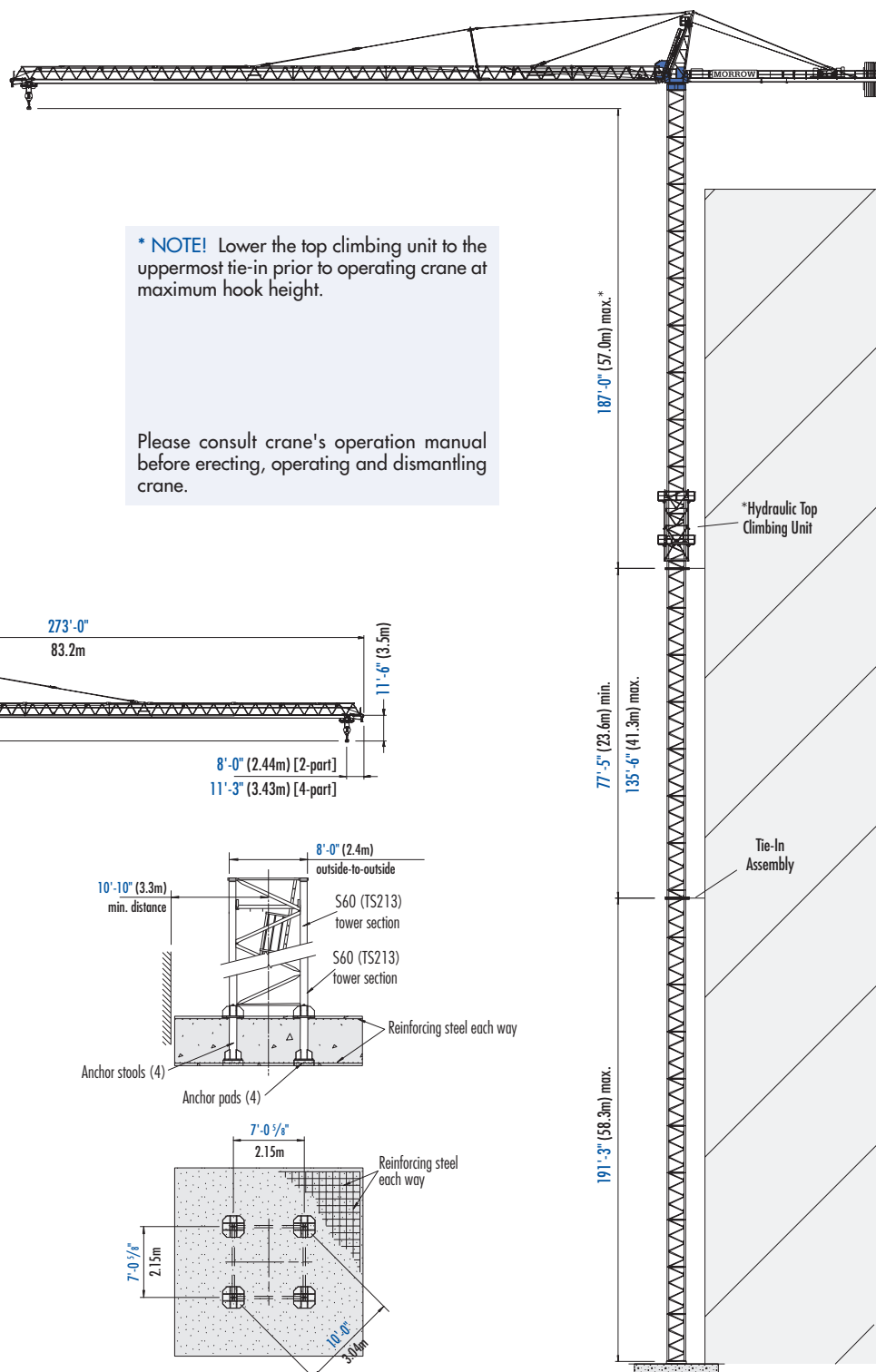
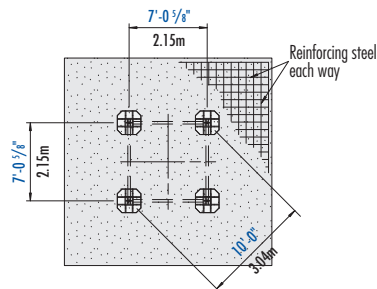
Inside structure

****IMPORTANT!** Jibs with a hook reach of 208 ft (63.4m) and longer require the 83'-8" (25.5m) counterjib; for jibs with a hook reach of 170 ft (51.8m) or shorter, the 73'-6" (22.4m) counterjib is required.



FOUNDATION DETAILS

on Reinforced concrete footing

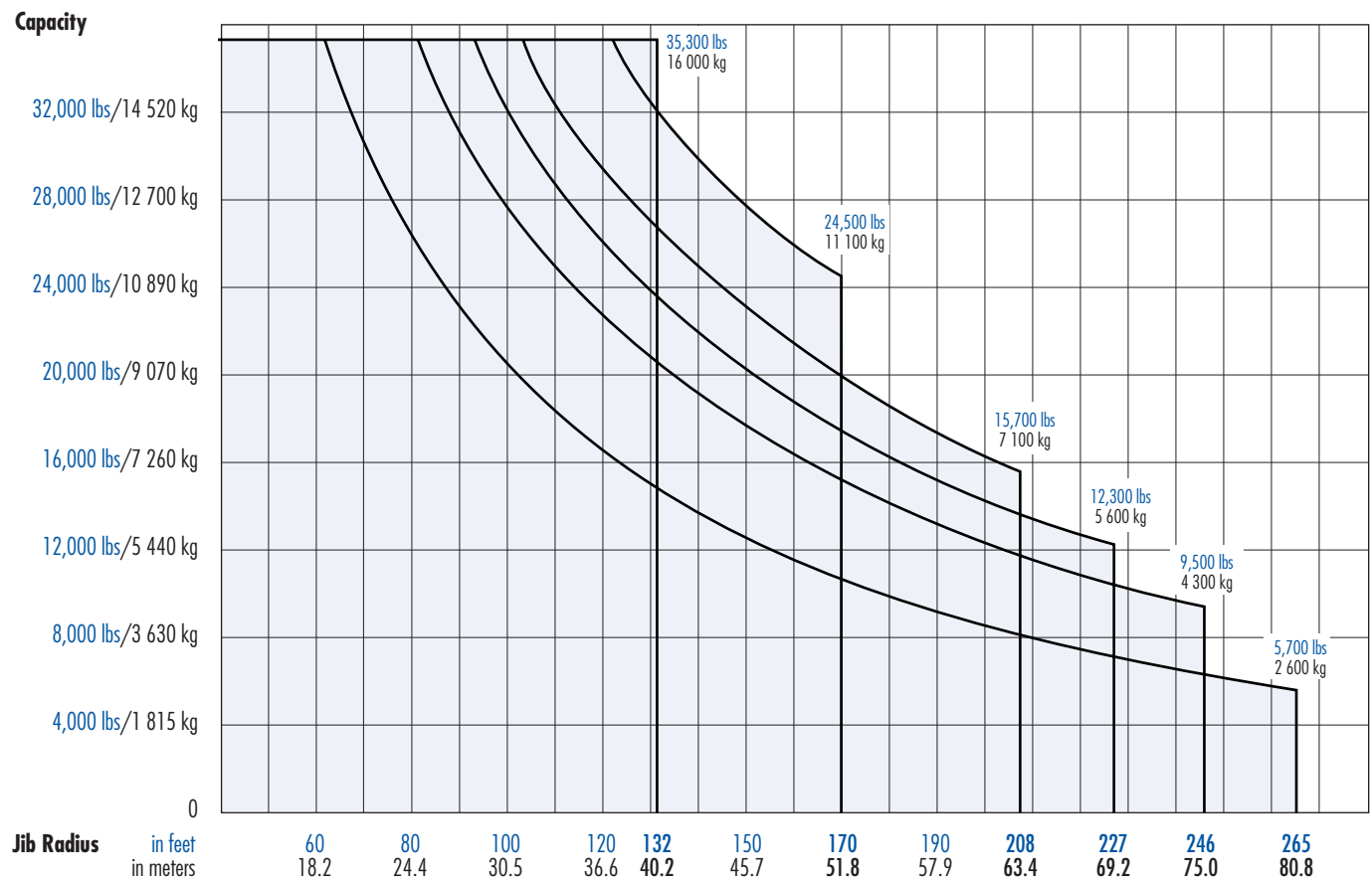


TOP CLIMBING with S60/TS213 Tower

Tied to structure

Radius and Capacities for 2-Part operation

Hook Radius	2-Part Line Max Capacity – Radius	ft m	110 33.5	120 36.6	132 40.2	140 42.7	150 45.7	160 72.6	170 51.8	180 55.0	190 57.9	200 61.0	208 63.4	220 67.0	227 69.2	240 73.5	246 75.0	260 79.2	265 80.8
265 ft 80.8m	35,300 lbs – 63 ft 16 000 kg – 19.2m	lbs kg	18,800 8 530	16,800 7 620	15,000 6 800	13,800 6 260	12,500 5 670	11,500 5 220	10,800 4 900	9,900 4 490	9,300 4 220	8,700 3 950	8,100 3 670	7,600 3 450	7,300 3 310	6,500 2 950	6,300 2 860	5,900 2 680	5,700 2 600
246 ft 75.0m	35,300 lbs – 83 ft 16 000 kg – 25.3m	lbs kg	25,900 11 750	23,400 10 610	20,900 9 480	19,400 8 800	17,800 8 070	16,500 7 480	15,200 6 890	14,200 6 440	13,200 5 990	12,500 5 670	11,800 5 350	11,000 4 990	10,500 4 760	9,800 4 450	9,500 4 300		
227 ft 69.2m	35,300 lbs – 94 ft 16 000 kg – 28.7m	lbs kg	29,500 13 380	26,600 12 070	23,800 10 800	22,200 10 070	20,500 9 300	19,000 8 620	17,600 7 980	16,600 7 530	15,400 6 990	14,600 6 620	13,700 6 210	12,800 5 810	12,300 5 600				
208 ft 63.4m	35,300 lbs – 104 ft 16 000 kg – 31.7m	lbs kg	33,000 14 970	30,000 13 610	26,900 12 200	25,000 11 340	23,200 10 520	21,400 9 710	20,100 9 120	18,800 8 530	17,500 7 940	16,500 7 480	15,700 7 100						
170 ft 51.8m	35,300 lbs – 123 ft 16 000 kg – 37.5m	lbs kg	35,300 16 000	35,300 16 000	32,600 14 790	30,500 13 830	28,200 12 790	26,200 11 880	24,500 11 100										
132 ft 40.2m	35,300 lbs – 132 ft 16 000 kg – 40.2m	lbs kg	35,300 16 000	35,300 16 000	35,300 16 000														

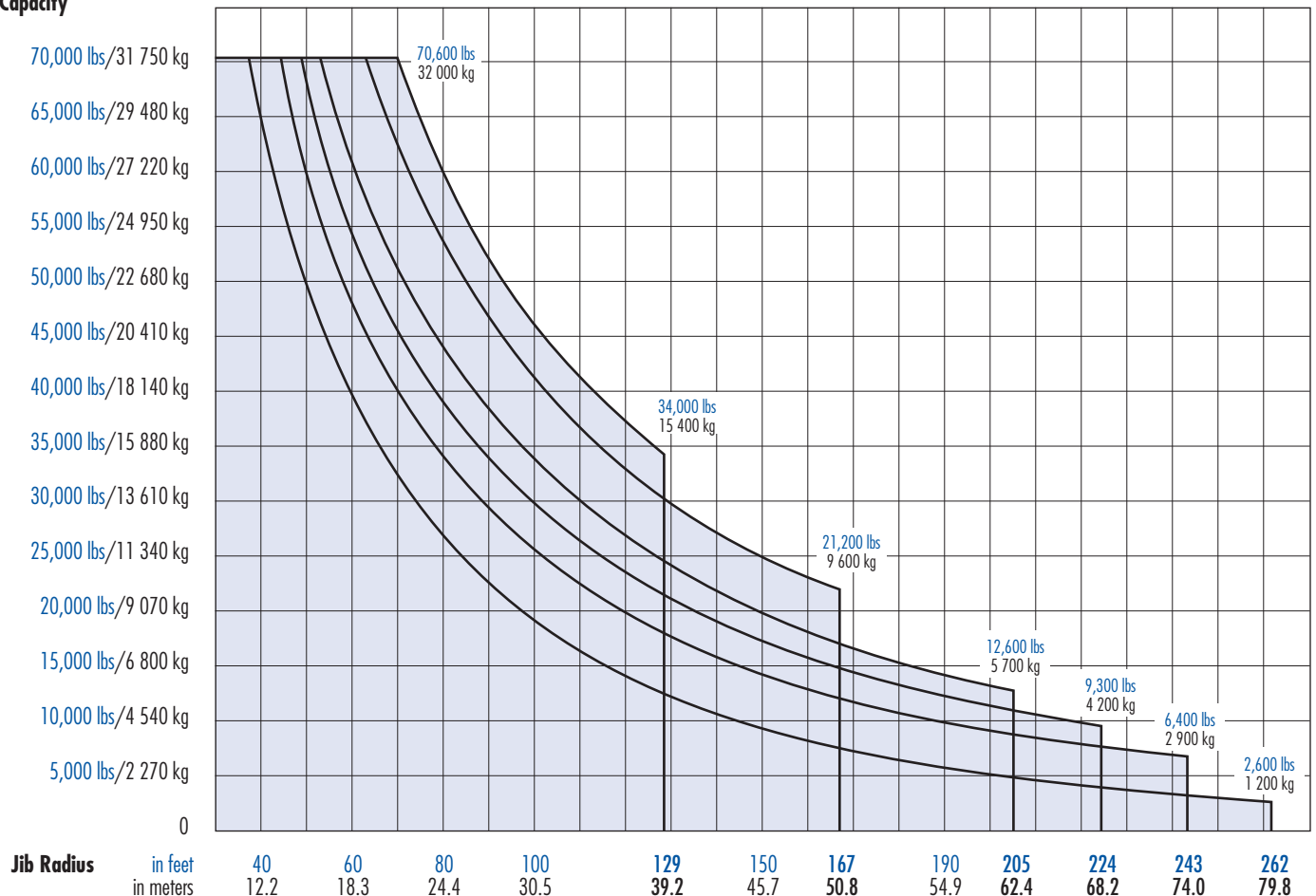


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Radius and Capacities for 4-Part operation

Hook Radius	4-Part Line Max Capacity — Radius	ft m	20 6.1	38 11.6	49 14.9	70 21.3	90 27.4	110 33.5	129 39.2	150 45.7	167 50.8	180 55.0	205 62.4	215 65.5	224 68.3	230 70.1	243 74.0	250 76.2	262 79.8
262 ft 79.8m	70,600 lbs — 34 ft 32 000 kg — 10.5m	lbs kg	70,600 32 000	70,600 32 000	51,000 23 130	32,300 14 650	22,300 10 120	16,000 7 260	12,200 5 530	9,500 4 310	8,000 3 630	7,000 3 180	5,300 2 400	4,780 2 170	4,400 2 000	4,200 1 910	3,600 1 630	3,200 1 450	2,600 1 200
243 ft 74.0m	70,600 lbs — 44 ft 32 000 kg — 13.4m	lbs kg	70,600 32 000	70,600 32 000	61,800 28 030	40,100 18 190	29,200 13 250	22,300 10 120	18,100 8 210	14,800 6 710	12,500 5 670	11,100 5 030	8,900 4 040	8,300 3 770	7,800 3 540	7,300 3 310	6,400 2 900		
224 ft 68.2m	70,600 lbs — 49 ft 32 000 kg — 14.9m	lbs kg	70,600 32 000	70,600 32 000	70,600 32 000	46,000 20 870	34,000 15 420	26,200 11 880	21,300 9 660	17,500 7 940	15,000 6 800	13,300 6 030	10,800 4 900	10,000 4 540	9,300 4 200				
205 ft 62.4m	70,600 lbs — 54 ft 32 000 kg — 16.4m	lbs kg	70,600 32 000	70,600 32 000	70,600 32 000	51,200 23 220	38,500 17 460	29,800 13 520	24,500 11 110	20,100 9 120	17,500 7 940	15,700 7 120	12,600 5 700						
167 ft 50.8m	70,600 lbs — 63 ft 32 000 kg — 19.2m	lbs kg	70,600 32 000	70,600 32 000	70,600 32 000	62,400 28 300	47,000 21 320	36,800 16 690	30,300 13 740	25,200 11 430	21,200 9 600								
129 ft 39.2m	70,600 lbs — 70 ft 32 000 kg — 21.4m	lbs kg	70,600 32 000	70,600 32 000	70,600 32 000	70,600 32 000	52,500 23 810	40,700 18 460	34,000 15 400										

Capacity



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Hoist Speed and Capacity

Hoist Unit	SR WB 102-160/4F	2-Part Line					
165 hp (122 kW) AC hoist unit 4-speed gearbox Remote-controlled gear shifting Eddy current brake		Gear	Capacity	Line Speed	Capacity	Line Speed	
		1	35,300 lbs	@ 126 fpm	16 000 kg	@ 38 m/min	
		2	22,000 lbs	@ 192 fpm	10 000 kg	@ 60 m/min	
		3	13,200 lbs	@ 312 fpm	6 000 kg	@ 96 m/min	
		4	7,700 lbs	@ 492 fpm	3 500 kg	@ 150 m/min	
		4-Part Line					
		1	70,600 lbs	@ 63 fpm	32 000 kg	@ 19 m/min	
		2	44,000 lbs	@ 96 fpm	20 000 kg	@ 30 m/min	
		3	26,400 lbs	@ 156 fpm	12 000 kg	@ 48 m/min	
		4	15,400 lbs	@ 246 fpm	7 000 kg	@ 75 m/min	
	2P220 4P110						

NOTE! Capacities and line speeds indicated will vary depending on the amount of hoist rope installed. This crane model may be equipped with a hoist unit other than that specified in the data above. To verify, check the serial number of the crane and refer to the SK 565 Operation Manual for additional information.

Motor Information

Drive Unit	Horsepower	Kilowatts	Speed	
Trolley (VFD)	15 hp	11 kW	up to 260 fpm	up to 80 m/min
Swing *	3 x 12.2 hp	3 x 9 kW	1.0 rpm	

* **IMPORTANT!** Jibs up to and including 170-ft (51.8m) hook reach require only 2 swing motors; jibs with 208-ft (63.4m) hook reach and longer require 3 swing motors.

Power Requirements

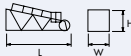
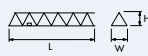
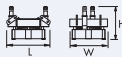
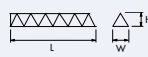
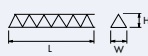
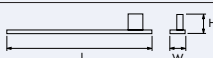
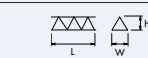
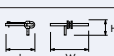
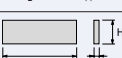
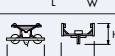
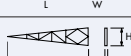
- 480 V phase-phase, 277 V each phase to ground with 120° phase shift between phases. **Do not use Open Delta transformer.**
- 3-phase, 60 Hz power supply plus ground wire.
- Static configuration: 300 Amp service.

Specifications subject to change without notice.

Peiner SK 565

Component List

NOTE! Weights and dimensions are approximate. Scale all components before installing. Please consult Pecco SK 180 Operation Manual before erecting, operating, servicing and dismantling crane or crane components. Specifications are subject to change without prior notification.

Description	Dimensions L x W x H	Weight	Description	Dimensions L x W x H	Weight
Tower Top 	29'-11" x 7'-3" x 8'-11" 9.12m x 2.2m x 2.72m	9,400 lbs 4 265 kg	Jib Section ① 	38'-9" x 6'-1" x 6'-3" 11.8m x 1.85m x 1.9m	10,360 lbs 4 700 kg
Turntable (Complete) ¹ Upper & Lower Part 	10'-6" x 8'-2" x 8'-10" 3.2m x 2.5m x 2.7m	26,895 lbs 12 200 kg	Jib Section ② 	38'-9" x 6'-1" x 6'-3" 11.8m x 1.85m x 1.9m	8,200 lbs 3 720 kg
Operator's Cab with Platform and Panel 	11'-8" x 6'-7" x 9'-10" 3.55m x 2.0m x 3.0m	4,255 lbs 1 930 kg	Jib Section ③ 	38'-9" x 6'-1" x 6'-1" 11.8m x 1.85m x 1.85m	5,005 lbs 2 270 kg
Tower Section S60 (TS213) 	19'-5" x 7'-11" x 7'-11" 5.92m x 2.41m x 2.41m	9,920 lbs 4 500 kg	Jib Section ④ 	38'-9" x 6'-1" x 6'-1" 11.8m x 1.85m x 1.85m	4,650 lbs 2 110 kg
Counterjib A ² 	79'-9" x 8'-2" x 5'-10" 24.3m x 2.5m x 1.78m	27,845 lbs 12 630 kg	Jib Section ⑤ 	19'-9" x 6'-1" x 6'-1" 6.0m x 1.85m x 1.85m	2,560 lbs 1 160 kg
Counterjib B ² 	69'-11" x 8'-2" x 5'-10" 21.3m x 2.5m x 1.78m	25,685 lbs 11 650 kg	Jib Section ⑥ 	38'-9" x 6'-1" x 5'-11" 11.8m x 1.85m x 1.8m	3,860 lbs 1 750 kg
Counterjib Section #1 (Inner) 	30'-9" x 6'-8" x 5'-3" 9.37m x 2.02m x 1.6m	6,285 lbs 2 850 kg	Jib Section ⑦ 	38'-9" x 6'-1" x 5'-11" 11.8m x 1.85m x 1.8m	2,535 lbs 1 150 kg
Counterjib Section #2 (Intermediate) 	10'-4" x 6'-8" x 5'-3" 3.15m x 2.02m x 1.6m	2,160 lbs 980 kg	Jib Section ⑧ 	19'-9" x 6'-1" x 5'-11" 6.0m x 1.85m x 1.8m	1,210 lbs 550 kg
Counterjib Section #3 (Outer) 	38'-7" x 8'-2" x 5'-10" 11.75m x 2.5m x 1.78m	19,400 lbs 8 800 kg	Jib Section ⑨ 	4'-11" x 6'-9" x 1'-8" 1.5m x 2.06m x 0.51m	485 lbs 220 kg
Hoist Unit ³ (165 hp/122 kW) 	11'-6" x 7'-5" x 3'-11" 3.5m x 2.26m x 1.2m	12,720 lbs 5 770 kg	Jib Assembly Part 1 ⁴ for all Jib Assemblies ①②	76'-2" x 6'-1" x 6'-3" 23.2m x 1.85m x 1.9m	25,350 lbs 11 500 kg
Counterweight Block A 	14'-9" x 7'-5" x 5'-1" 4.5m x 0.19m x 1.55m	6,800 lbs 3 100 kg	Jib Assembly Part 2 ⁵ 265-ft (80.8m) ③④⑤⑥⑦⑧⑨	192'-1" x 6'-1" x 6'-1" 58.56m x 1.85m x 1.85m	21,430 lbs 9 720 kg
Counterweight Block B 	9'-0" x 5'-5" x 5'-1" 2.74m x 0.14m x 1.55m	3,200 lbs 1 450 kg	Jib Assembly Part 2 ⁵ 246-ft (75.0m) ③④⑤⑥⑦⑨	173'-1" x 6'-1" x 6'-1" 52.76m x 1.85m x 1.85m	20,330 lbs 9 220 kg
Trolley (Outer) (2-part operation) 	6'-9" x 7'-3" x 4'-5" 2.05m x 2.2m x 1.35m	1,500 lbs 680 kg	Jib Assembly Part 2 ⁵ 227-ft (69.2m) ③④⑤⑥⑧⑨	154'-0" x 6'-1" x 6'-1" 46.95m x 1.85m x 1.85m	18,890 lbs 8 570 kg
Hook Block 	2'-11" x 1'-5" x 7'-5" 0.9m x 0.43m x 2.25m	1,800 lbs 815 kg	Jib Assembly Part 2 ⁵ 208-ft (63.4m) ③④⑤⑥⑨	135'-0" x 6'-1" x 6'-1" 41.16m x 1.85m x 1.85m	16,590 lbs 7 530 kg
Top Climbing Unit with Hydraulics (S60/TS231) 	32'-10" x 11'-10" x 11'-10" 10.0m x 3.6m x 3.6m	25,750 lbs 11 680 kg	Jib Assembly Part 2 ⁵ 170-ft (51.8m) ③⑤⑥⑨	96'-11" x 6'-1" x 6'-1" 29.55m x 1.85m x 1.85m	11,990 lbs 5 440 kg
Jib A-frame 	21'-8" x 6" x 4'-8" 6.6m x 0.14m x 1.43m	990 lbs 450 kg	Jib Assembly Part 2 ⁵ 132-ft (40.2m) ③⑤⑨	58'-10" x 6'-1" x 6'-1" 17.94m x 1.85m x 1.85m	8,130 lbs 3 690 kg

¹ Turntable (Complete) includes swing motors, slewing ring and slewing ring support.

² Includes hoist unit, handrails and electrical panel. Counterjib A (Counterjib Sections #1, #2 & #3) is required for jibs 208 ft (63.4m) and longer; Counterjib B (Counterjib Sections #1 & #3) is required for jibs 170 ft (51.8m) and shorter.

³ Includes electrical panels. Does not include wire rope.

⁴ Jib Assembly Part 1 includes jib sections, pendant cables, jib A-frame, trolley drive unit, trolley wire rope, 2-part trolley (outer) and hook block. If 4-part application is used, weight increases by 2,300 lbs (1 495 kg) for additional trolley (inner) and hook block.

⁵ Jib Assembly Part 2 includes jib sections and pendant cables.