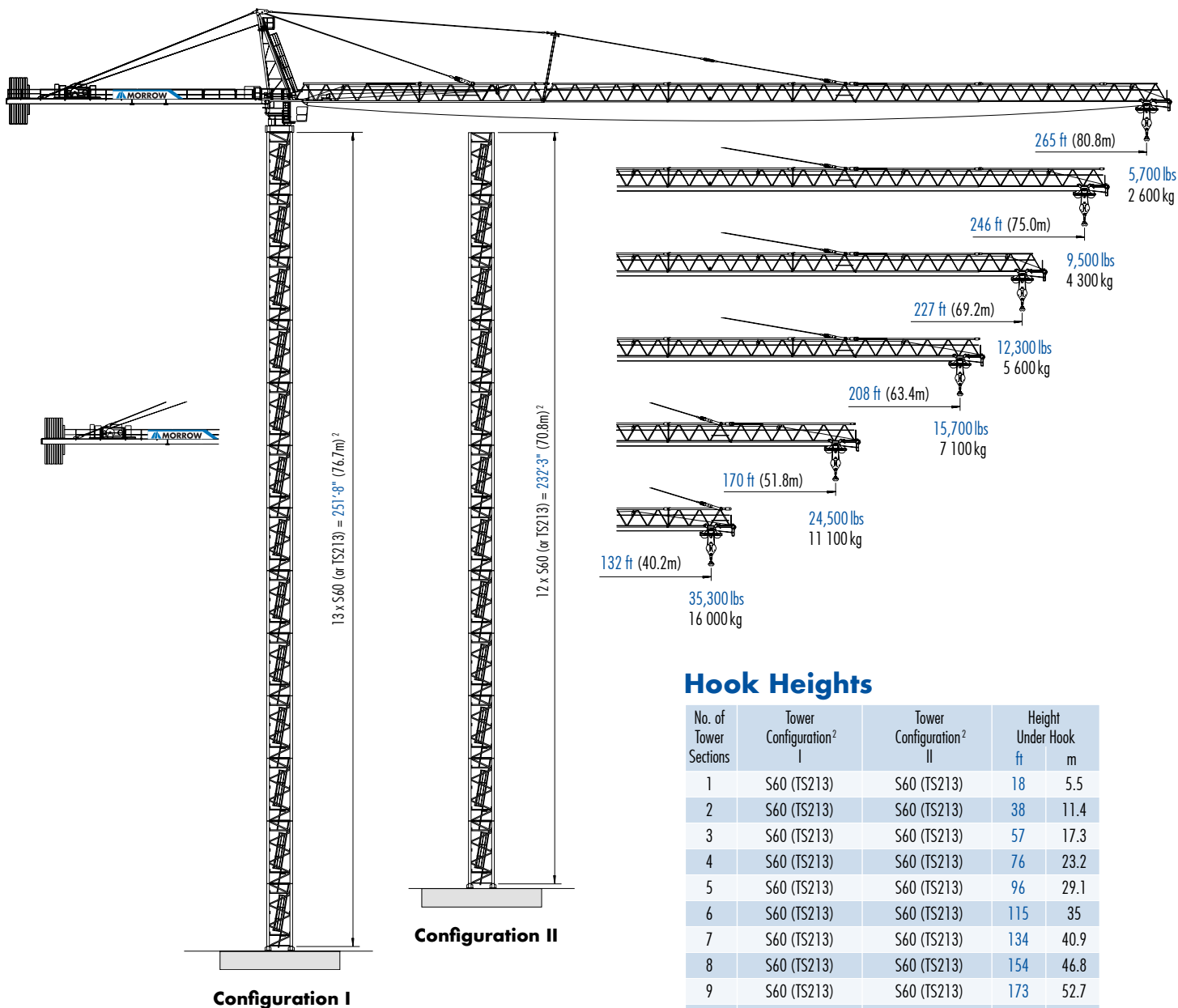


Pecco SK 560

TOWER CRANE



FREESTANDING (Stationary)

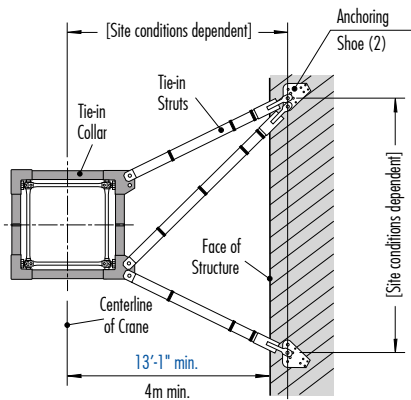
Hook Heights

No. of Tower Sections	Tower Configuration ¹ I	Tower Configuration ² II	Height Under Hook	
			ft	m
1	S60 (TS213)	S60 (TS213)	18	5.5
2	S60 (TS213)	S60 (TS213)	38	11.4
3	S60 (TS213)	S60 (TS213)	57	17.3
4	S60 (TS213)	S60 (TS213)	76	23.2
5	S60 (TS213)	S60 (TS213)	96	29.1
6	S60 (TS213)	S60 (TS213)	115	35
7	S60 (TS213)	S60 (TS213)	134	40.9
8	S60 (TS213)	S60 (TS213)	154	46.8
9	S60 (TS213)	S60 (TS213)	173	52.7
10	S60 (TS213)	S60 (TS213)	192	58.6
11	S60 (TS213)	S60 (TS213)	212	64.5
12 ^{1,2}	S60 (TS213)	S60 (TS213)	231	70.4
13 ^{1,2}	S60 (TS213)	—	250	76.3

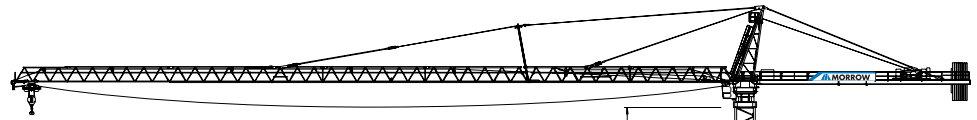
¹ Lower the top climbing unit to base prior to operating crane at maximum hook height.

² 12 tower sections (S60/TS213) can be used with all jib lengths; 13 tower sections can be used with jibs of 227 ft (69.2m) or longer. Contact Morrow Equipment for additional information.

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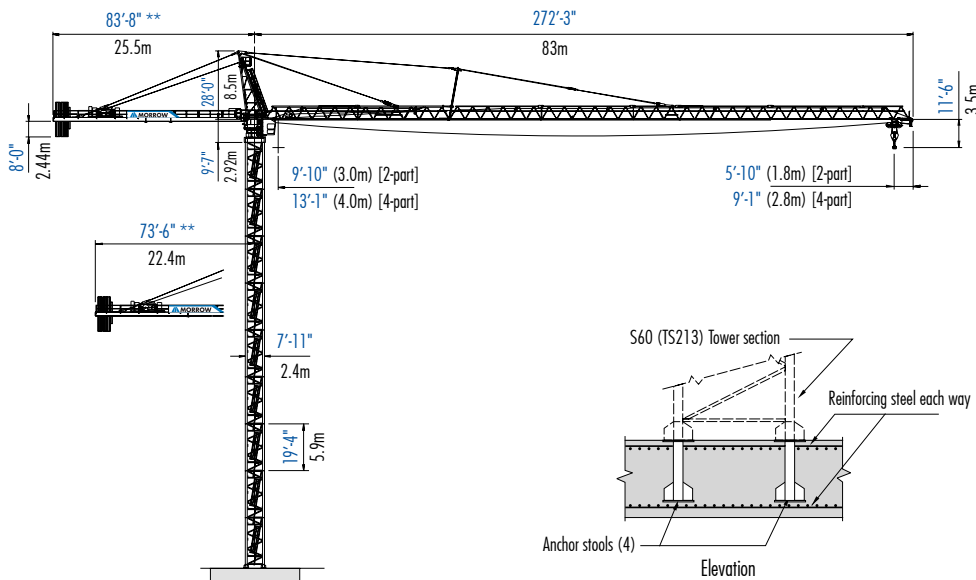


TIE-IN ASSEMBLY
(Plan view)



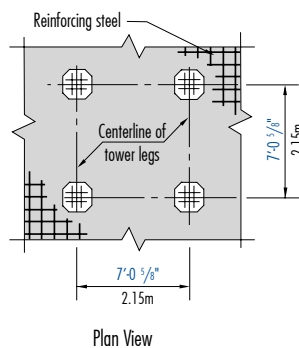
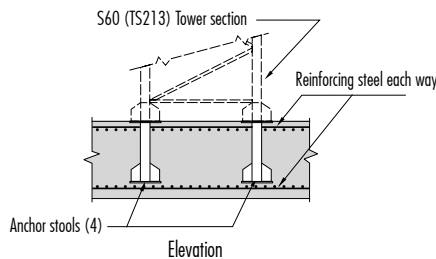
NOTE: Lower the top climbing unit to the uppermost tie-in prior to operating crane at maximum hook height.

*Consult Morrow Equipment for specific information regarding dimensions, tie-in locations and reaction forces.

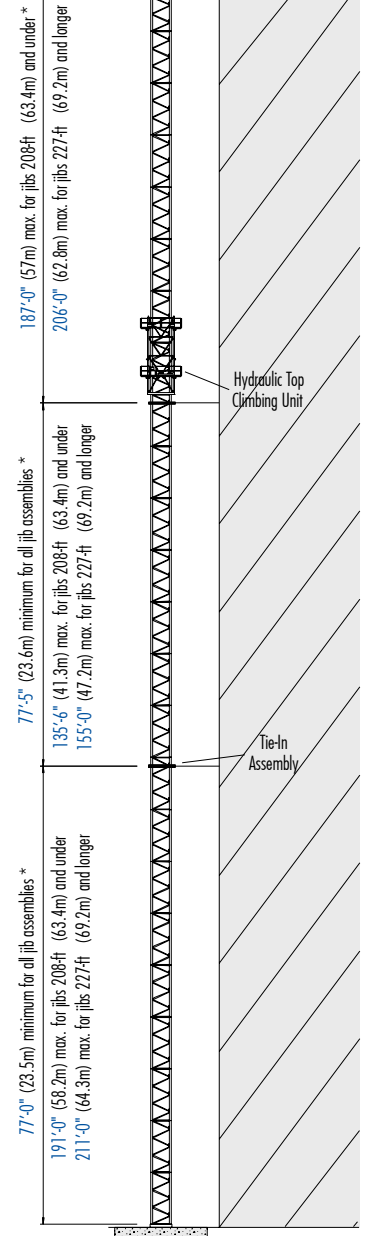


FREESTANDING
with S60/TS213 tower
on concrete slab

****NOTE:** 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
Concrete slab



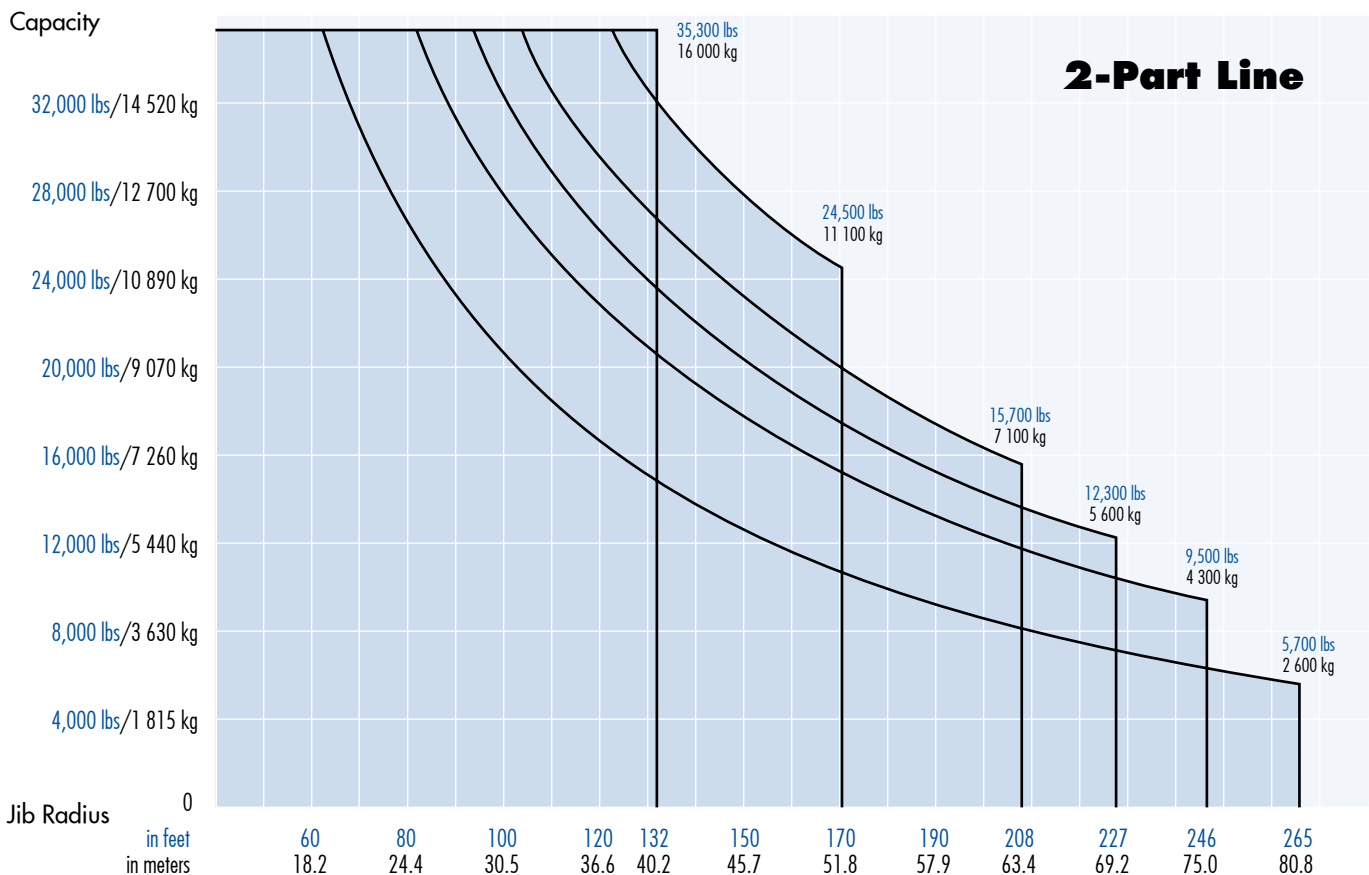
TOP CLIMBING
with S60/TS213 tower
Tied to structure

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

Radius and Capacities

2-Part Line

Hook Radius	Maximum Capacity – Radius	ft	110	120	132	140	150	160	170	180	190	200	208	220	227	240	246	260	265
		m	33.5	36.6	40.2	42.7	45.7	48.8	51.8	55	57.9	61	63.4	67	69.2	73.2	75	79.2	80.8
265 ft 80.8m	35,300 lbs – 63 ft 16 000 kg – 19.2m	lbs	18,800	16,800	15,000	13,800	12,500	11,500	10,800	9,900	9,300	8,700	8,100	7,600	7,300	6,500	6,300	5,900	5,700
		kg	8 530	7 620	6 800	6 260	5 670	5 220	4 900	4 490	4 220	3 950	3 670	3 450	3 310	2 950	2 860	2 680	2 600
246 ft 75.0m	35,300 lbs – 83 ft 16 000 kg – 25.3m	lbs	25,900	23,400	20,900	19,400	17,800	16,500	15,200	14,200	13,200	12,500	11,800	11,000	10,500	9,800	9,500		
		kg	11 750	10 610	9 480	8 800	8 070	7 480	6 890	6 440	5 990	5 670	5 350	4 990	4 760	4 450	4 300		
227 ft 69.2m	35,300 lbs – 94 ft 16 000 kg – 28.7m	lbs	29,500	26,600	23,800	22,200	20,500	19,000	17,600	16,600	15,400	14,600	13,700	12,800	12,300				
		kg	13 380	12 070	10 800	10 070	9 300	8 620	7 980	7 530	6 990	6 620	6 210	5 810	5 600				
208 ft 63.4m	35,300 lbs – 104 ft 16 000 kg – 31.7m	lbs	33,000	30,000	26,900	25,000	23,200	21,400	20,100	18,800	17,500	16,500	15,700						
		kg	14 970	13 610	12 200	11 340	10 520	9 710	9 120	8 530	7 940	7 480	7 100						
170 ft 51.8m	35,300 lbs – 123 ft 16 000 kg – 37.5m	lbs	35,300	35,300	32,600	30,500	28,200	26,200	24,500										
		kg	16 000	16 000	14 790	13 830	12 790	11 880	11 100										
132 ft 40.2m	35,300 lbs – 132 ft 16 000 kg – 40.2m	lbs	35,300	35,300	35,300														
		kg	16 000	16 000	16 000														



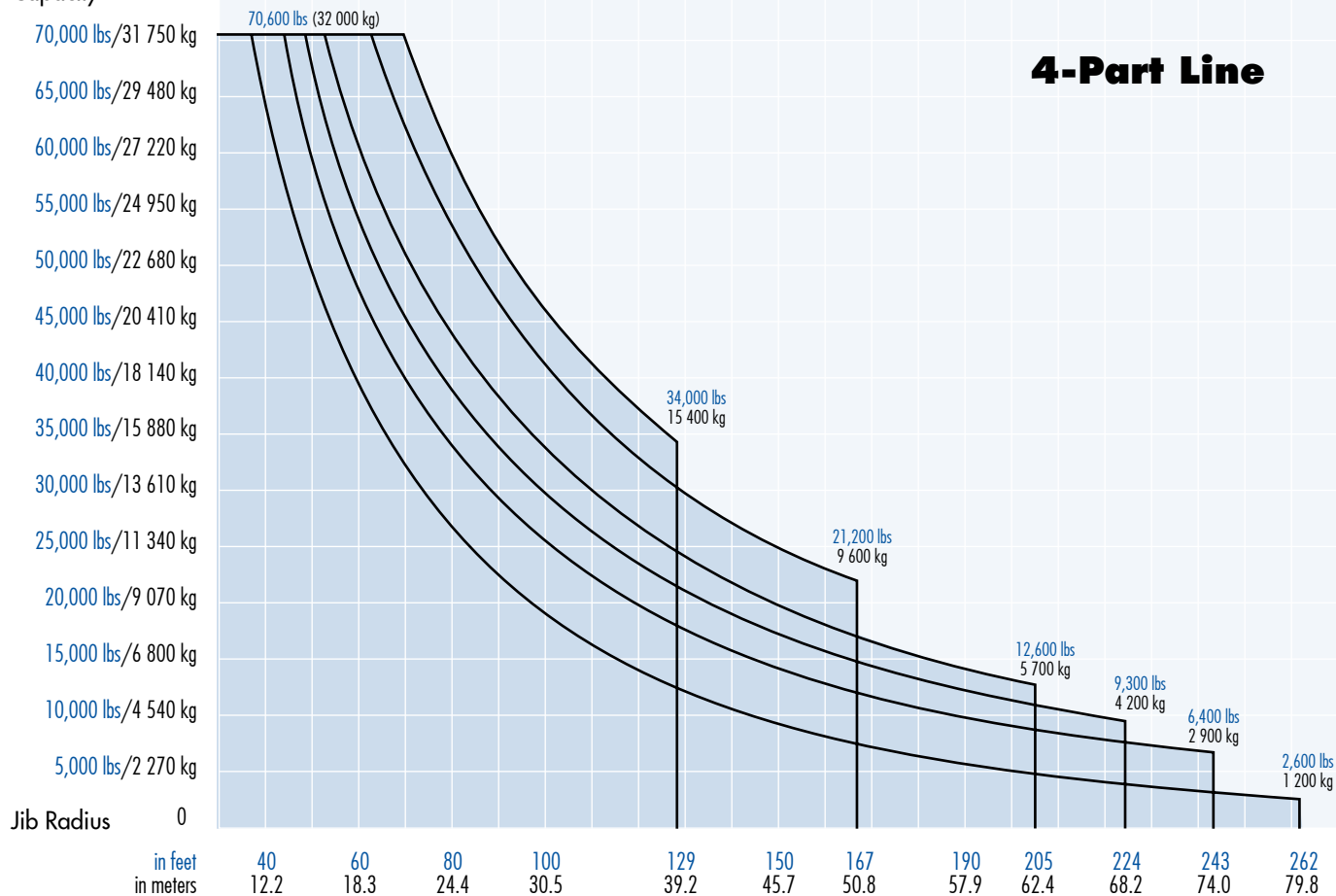
Pecco SK 560

Radius and Capacities

4-Part Line

Hook Radius	Maximum Capacity – Radius	ft	20	38	49	70	90	110	129	150	167	180	205	215	224	230	243	250	262
		m	6.1	11.6	14.9	21.3	27.4	33.5	39.3	45.7	50.9	55	62.5	65.5	68.3	70.1	74	76.2	79.8
262 ft 79.8m	70,600 lbs – 34 ft 32 000 kg – 10.5m	lbs	70,600	70,600	51,000	32,300	22,300	16,000	12,200	9,500	8,000	7,000	5,300	4,780	4,400	4,200	3,600	3,200	2,600
		kg	32 000	32 000	23 130	14 650	10 120	7 260	5 530	4 310	3 630	3 180	2 400	2 170	2 000	1 910	1 630	1 450	1 200
243 ft 74.0m	70,600 lbs – 44 ft 32 000 kg – 13.4m	lbs	70,600	70,600	61,800	40,100	29,200	22,300	18,100	14,800	12,500	11,100	8,900	8,300	7,800	7,300	6,400		
		kg	32 000	32 000	28 030	18 190	13 250	10 120	8 210	6 710	5 670	5 030	4 040	3 770	3 540	3 310	2 900		
224 ft 68.2m	70,600 lbs – 49 ft 32 000 kg – 14.9m	lbs	70,600	70,600	70,600	46,000	34,000	26,200	21,300	17,500	15,000	13,300	10,800	10,000	9,300				
		kg	32 000	32 000	32 000	20 870	15 420	11 880	9 660	7 940	6 800	6 030	4 900	4 540	4 200				
205 ft 62.4m	70,600 lbs – 54 ft 32 000 kg – 16.5m	lbs	70,600	70,600	70,600	51,200	38,500	29,800	24,500	20,200	17,500	15,700	12,600						
		kg	32 000	32 000	32 000	23 220	17 460	13 520	11 110	9 160	7 940	7 120	5 700						
167 ft 50.8m	70,600 lbs – 64 ft 32 000 kg – 19.5m	lbs	70,600	70,600	70,600	62,400	47,000	36,800	30,300	25,200	21,200								
		kg	32 000	32 000	32 000	28 300	21 320	16 690	13 740	11 430	9 600								
129 ft 39.2m	70,600 lbs – 71 ft 32 000 kg – 21.6m	lbs	70,600	70,600	70,600	70,600	52,500	40,700	34,000										
		kg	32 000	32 000	32 000	32 000	23 810	18 460	15 400										

Capacity



Hoist Speed and Capacity

Hoist Unit	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

IMPORTANT: 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 560 Operation Manual for additional information.

Motor Information

Drive Unit	Horsepower	Kilowatts	Speed	
Trolley (2-part line)	15 hp	11 kW	max. 260 fpm	max. 80 m/min
Trolley (4-part line)	15 hp	11 kW	max. 130 fpm	max. 40 m/min
Swing *	3 x 12.2 hp	3 x 9 kW	1.0 rpm	

*NOTE: Jibs up to and including 170 ft (51.8m) hook reach require only two swing motors; jibs with 208 ft (63.4m) hook reach and longer require three.

Power Requirements

Power supply: 3-phase 480 V, 60 Hz; 3-wire plus ground; no Neutral.

480 V phase-phase, 277 V each phase to ground with 120° phase shift between phases.

Service size: 300 Amperes

NOTES:

1. For electric power provided by an electric utility, do not use open Delta transformers.
2. For electric power provided by a generator, the minimum generator size required is 500kW. A properly sized generator is critical to the safe operation of the crane.

Specifications are subject to change without prior notice. Drawings shown in this datasheet are for illustrative purposes only. Refer to the SK 560 Instruction Manual. For additional information, contact MORROW. All rights are reserved.

Component List

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	9,650 lbs 4 375 kg
Turntable (Complete) Upper & Lower Part		10'-5" x 10'-1" x 12'-4" 3.17m x 3.07m x 3.76m	31,400 lbs 14 240 kg	Jib Section ②		38'-9" x 6'-1" x 6'-3" 11.8m x 1.85m x 1.9m	7,320 lbs 3 320 kg
Turntable Upper Part ¹		10'-5" x 7'-3" x 6'-7" 3.17m x 2.21m x 2.0m	15,000 lbs 6 800 kg	Jib Section ③		38'-9" x 6'-1" x 6'-1" 11.8m x 1.85m x 1.85m	4,770 lbs 2 165 kg
Turntable Lower Part ²		8'-8" x 10'-1" x 5'-9" 2.64m x 3.07m x 1.76m	16,400 lbs 7 440 kg	Jib Section ④		38'-9" x 6'-1" x 6'-1" 11.8m x 1.85m x 1.85m	4,600 lbs 2 085 kg
Operator's Cab		5'-11" x 3'-8" x 7'-1" 1.8m x 1.1m x 2.16m	1,500 lbs 680 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
Cab Access Platform		12'-11" x 7'-3" x 3'-0" 3.94m x 2.2m x 0.9m	1,000 lbs 450 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
Tower Section S60/TS213		19'-5" x 7'-11" x 7'-11" 5.92m x 2.41m x 2.41m	9,930 lbs 4 500 kg	Jib Section ⑦		38'-9" x 6'-1" x 5'-11" 11.8m x 1.85m x 1.8m	2,540 lbs 1 150 kg
Counterjib A ³		79'-8" x 8'-3" x 8'-4" 24.3m x 2.51m x 2.54m	29,100 lbs 13 200 kg	Jib Section ⑧		19'-9" x 6'-1" x 5'-11" 6.0m x 1.85m x 1.8m	1,110 lbs 505 kg
Counterjib B ³		70'-6" x 8'-3" x 8'-4" 21.5m x 2.51m x 2.54m	27,220 lbs 12 350 kg	Jib Section ⑨		6'-3" x 6'-8" x 4'-1" 1.9m x 2.03m x 1.24m	800 lbs 360 kg
Counterjib Section #1 ⁴ (Inner)		30'-9" x 6'-8" x 2'-3" 9.37m x 2.03m x 0.68m	5,290 lbs 2 400 kg	Jib Assembly Part 1 ⁶ for all Jib Assemblies	①②	76'-2" x 6'-1" x 6'-3" 23.2m x 1.85m x 1.9m	24,070 lbs 10 920 kg
Counterjib Section #2 (Intermediate)		10'-10" x 6'-8" x 2'-3" 3.3m x 2.03m x 0.68m	1,875 lbs 850 kg	Jib Assembly Part 2 ⁷ 265 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
Counterjib Section #3 (Outer)		38'-6" x 6'-8" x 2'-3" 11.7m x 2.03m x 0.68m	6,790 lbs 3 080 kg	Jib Assembly Part 2 ⁷ 246 ft (75.0m)	③④⑤⑥⑦⑧⑨	173'-1" x 6'-1" x 6'-1" 52.76m x 1.85m x 1.85m	20,330 lbs 9 220 kg
Hoist Unit ⁵ 165 hp (122 kW)		10'-8" x 8'-2" x 4'-7" 3.25m x 2.49m x 1.4m	15,140 lbs 6 870 kg	Jib Assembly Part 2 ⁷ 227 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
Counterweight Block A		14'-9" x 7'-5" x 5'-1" 4.5m x 0.19m x 1.54m	6,800 lbs 3 085 kg	Jib Assembly Part 2 ⁷ 208 ft (63.4m)	③④⑤⑥⑧⑨	135'-0" x 6'-1" x 6'-1" 41.16m x 1.85m x 1.85m	17,680 lbs 8 020 kg
Counterweight Block B		9'-6" x 5'-5" x 5'-1" 2.9m x 0.14m x 1.54m	3,200 lbs 1 450 kg	Jib Assembly Part 2 ⁷ 170 ft (51.8m)	③⑤⑥⑧⑨	96'-11" x 6'-1" x 6'-1" 29.55m x 1.85m x 1.85m	12,500 lbs 5 670 kg
2-Part Trolley (Outer)		6'-9" x 7'-3" x 5'-1" 2.05m x 2.2m x 1.55m	1,500 lbs 680 kg	Jib Assembly Part 2 ⁷ 132 ft (40.2m)	③⑤⑧⑨	58'-10" x 6'-1" x 6'-1" 17.94m x 1.85m x 1.85m	8,520 lbs 3 860 kg
Hook Block		2'-11" x 1'-5" x 7'-5" 0.9m x 0.43m x 2.25m	1,800 lbs 815 kg	Top Climbing Unit (with Hydraulics)		32'-10" x 11'-10" x 11'-10" 10.0m x 3.6m x 3.6m	25,750 lbs 11 680 kg

NOTE: Weights and dimensions are approximate. Scale components before lifting. Please consult Operation Manual before erecting, operating, servicing or dismantling crane.

¹ Turntable (Upper part) includes swing motors and motor mounting frame.

² Turntable (Lower part) includes slewing ring, support frame and slewing ring support.

³ 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.

⁴ Counterjib section 1 includes electrical panel.

⁵ Includes electrical panels. Does not include wire rope.

⁶ 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 3,300 lbs (1 495 kg) for additional trolley (inner) and hook block.

⁷ Jib Assembly Part 2 includes jib sections and pendant cables.