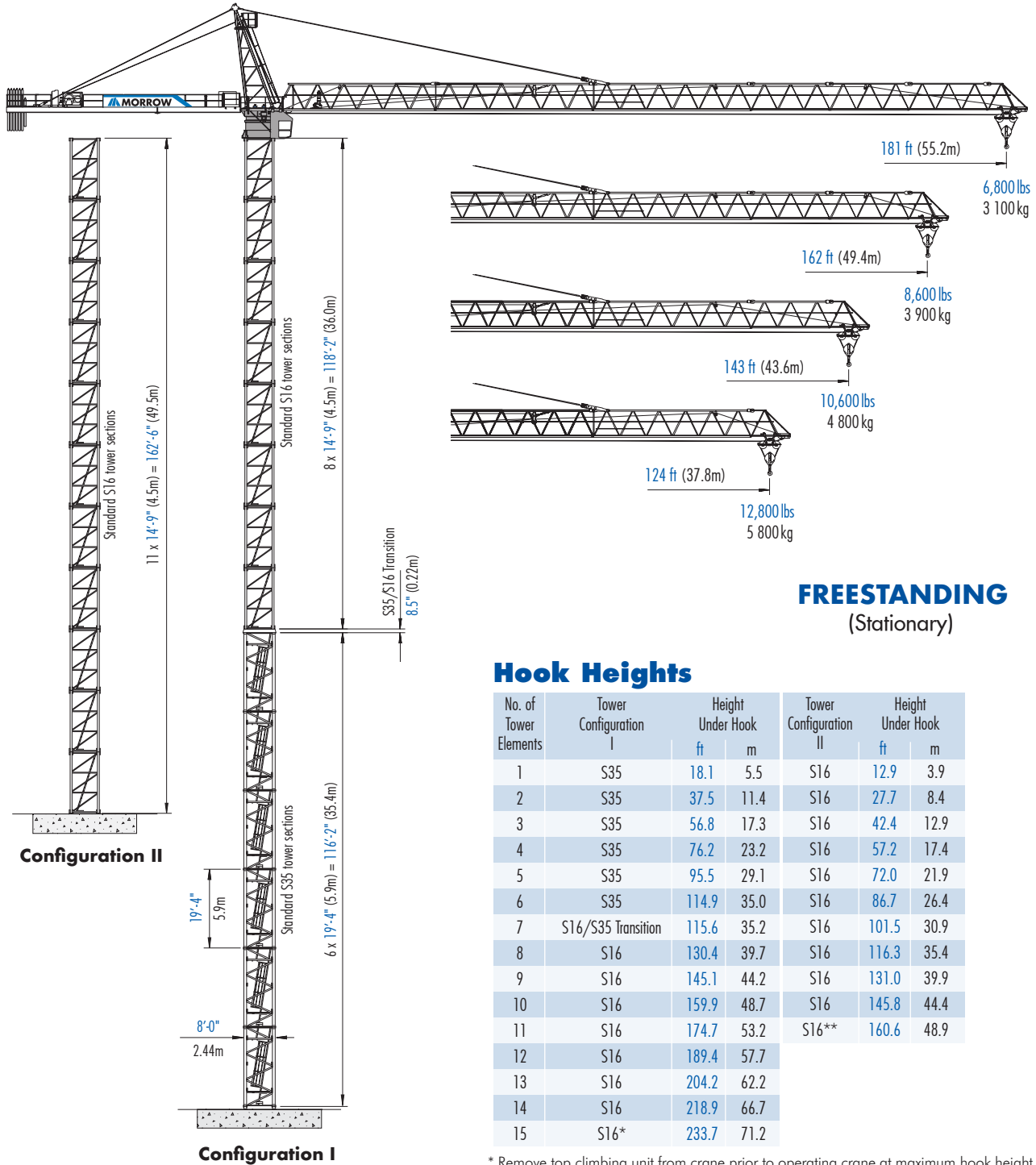


Pecco SK 200

TOWER CRANE

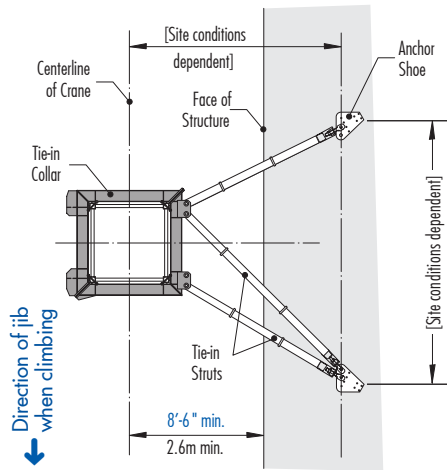


* Remove top climbing unit from crane prior to operating crane at maximum hook height.

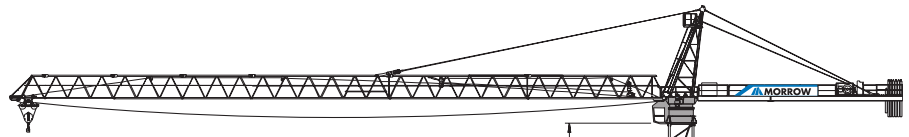
**Lower top climbing unit to base of crane prior to operating crane at maximum hook height.

Other tower combinations are possible. Contact Morrow Equipment for additional information.

Pecco SK 200



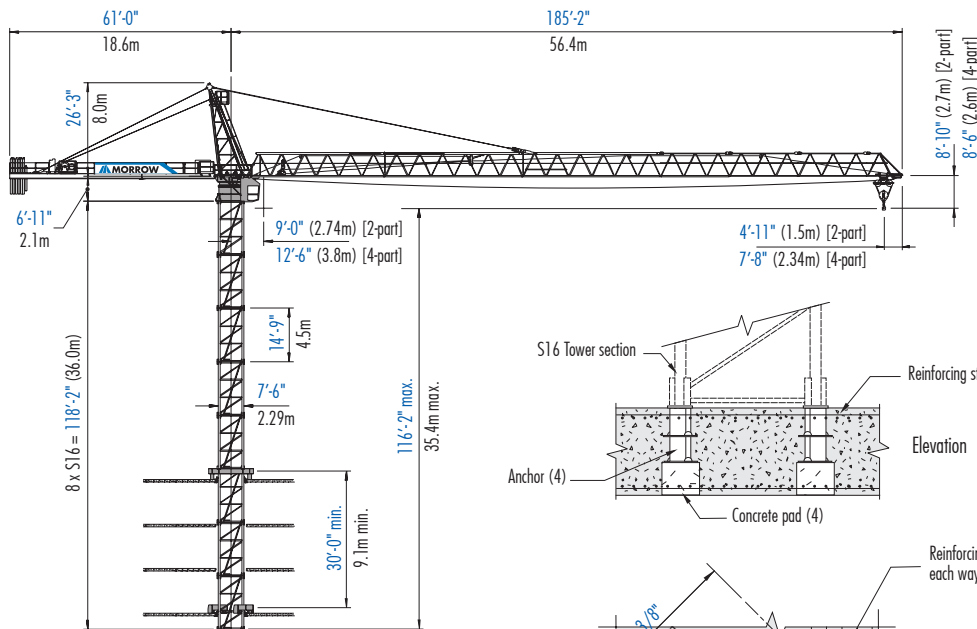
TIE-IN ASSEMBLY
(Plan View)



NOTE: If hook height exceeds 330ft (100 m), the number of tower sections above the uppermost tie-in location **MUST** be reduced by 1 tower section.

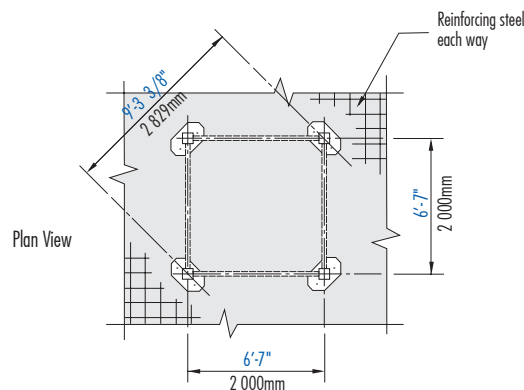
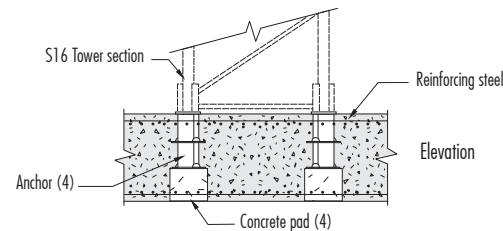
*Lower the top climbing unit to the uppermost tie-in prior to operating crane at maximum hook height.

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

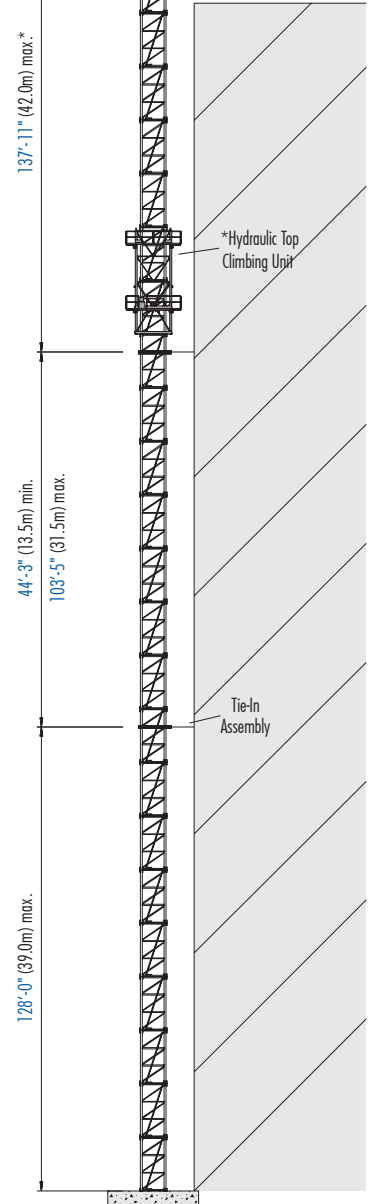


BOTTOM CLIMBING
with S16 Tower Sections
(Inside Structure)

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



FOUNDATION DETAILS
with S16 Tower Sections
(Concrete Slab)



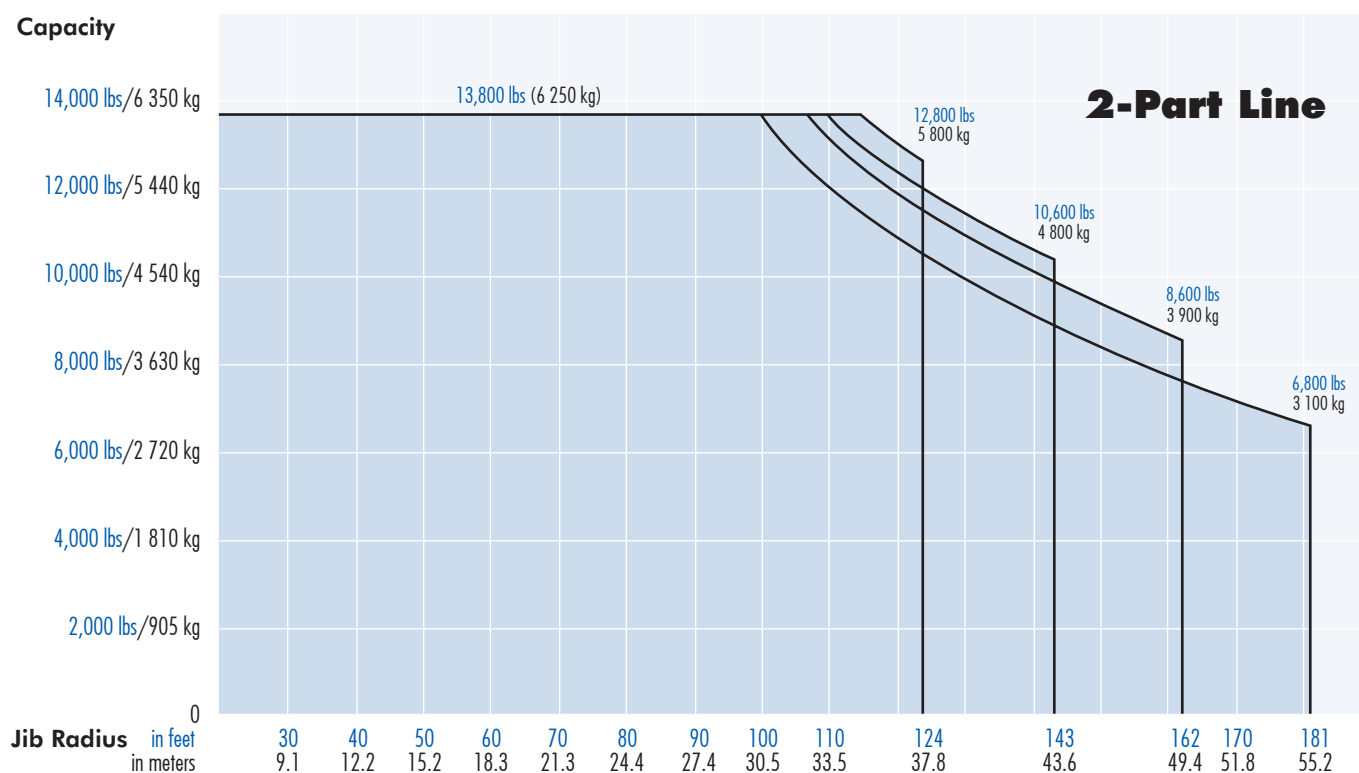
TOP CLIMBING
with S16 Tower Sections
(Tied to Structure)

Radius and Capacities

2-Part Line

Hook Radius	2-Part Line Max Capacity — Radius	ft m	100 30.5	105 32.0	110 33.5	115 35.1	120 36.6	124 37.8	130 39.6	135 41.1	143 43.6	145 44.2	150 45.7	155 47.2	162 49.4	165 50.3	170 51.8	175 53.3	181 55.2
181 ft 55.2m	13,800 lbs — 100 ft 6 250 kg — 30.5m	lbs kg	13,800 6 250	13,400 6 080	12,300 5 580	11,600 5 260	11,000 4 990	10,700 4 850	10,100 4 580	9,700 4 400	9,000 4 080	8,800 3 990	8,400 3 810	8,200 3 720	7,800 3 540	7,600 3 450	7,300 3 310	7,100 3 220	6,800 3 100
162 ft 49.4m	13,800 lbs — 108 ft 6 250 kg — 32.9m	lbs kg	13,800 6 250	13,800 6 250	13,300 6 030	12,700 5 760	12,100 5 490	11,700 5 310	11,000 4 990	10,600 4 810	9,900 4 490	9,700 4 400	9,300 4 220	9,000 4 080	8,600 3 900				
143 ft 43.6m	13,800 lbs — 110 ft 6 250 kg — 33.5m	lbs kg	13,800 6 250	13,800 6 250	13,800 6 250	13,500 6 120	12,800 5 810	12,500 5 670	11,700 5 310	11,300 5 130	10,600 4 800								
124 ft 37.8m	13,800 lbs — 115 ft 6 250 kg — 35.1m	lbs kg	13,800 6 250	13,800 6 250	13,800 6 250	13,800 6 250	13,200 5 990	12,800 5 800											

Capacity



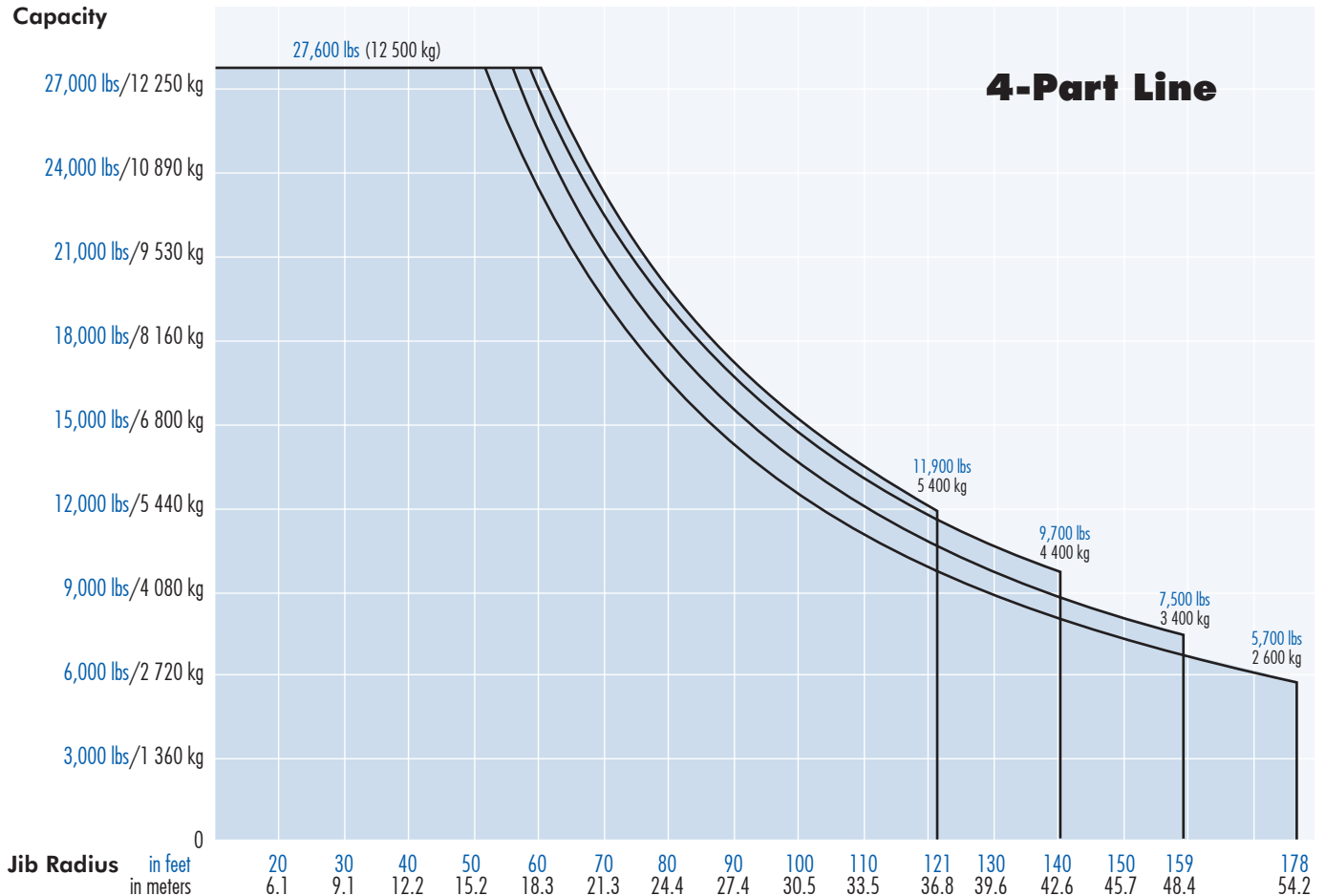
Pecco SK 200

Radius and Capacities

4-Part Line

Hook Radius	4-Part Line Max Capacity — Radius	ft m	20 6.1	30 9.1	40 12.2	51 15.5	60 18.3	70 21.3	80 24.4	90 27.4	100 30.5	110 33.5	121 36.8	130 39.6	140 42.6	150 45.7	159 48.4	170 51.8	178 54.2
178 ft 54.2m	27,600 lbs — 51 ft 12 500 kg — 15.5m	lbs kg	27,600 12 500	27,600 12 500	27,600 12 500	27,600 12 500	23,300 10 570	19,200 8 710	16,200 7 350	14,000 6 350	12,200 5 530	10,800 4 900	9,800 4 450	8,800 3 990	8,000 3 630	7,300 3 310	6,700 3 040	6,200 2 810	5,700 2 600
159 ft 48.4m	27,600 lbs — 56 ft 12 500 kg — 17.0m	lbs kg	27,600 12 500	27,600 12 500	27,600 12 500	27,600 12 500	25,200 11 430	21,000 9 530	17,800 8 070	15,500 7 030	13,600 6 170	12,000 5 440	10,800 4 900	9,700 4 400	8,900 4 040	8,000 3 630	7,500 3 400		
140 ft 42.6m	27,600 lbs — 59 ft 12 500 kg — 18.0m	lbs kg	27,600 12 500	27,600 12 500	27,600 12 500	27,600 12 500	27,100 12 290	22,500 10 210	19,200 8 710	16,700 7 580	14,700 6 670	13,100 5 940	11,700 5 310	10,600 4 810	9,700 4 400				
121 ft 36.8m	27,600 lbs — 60 ft 12 500 kg — 18.3m	lbs kg	27,600 12 500	27,600 12 500	27,600 12 500	27,600 12 500	27,600 12 500	23,000 10 430	19,600 8 890	17,000 7 710	15,000 6 800	13,300 6 030	11,900 5 400						

Capacity



Hoist Speed and Capacity

Hoist Unit		2-Part Line			
105 hp (78 kW) AC hoist unit 4-speed gearbox Remote-controlled gear shifting Eddy current brake	Gear	Capacity	Line Speed	Capacity	Line Speed
	1	up to 13,800 lbs @	110 fpm	up to 6 250 kg @	34 m/min
	2	up to 13,800 lbs @	178 fpm	up to 6 250 kg @	54 m/min
	3	up to 9,260 lbs @	282 fpm	up to 4 200 kg @	86 m/min
	4	up to 5,500 lbs @	440 fpm	up to 2 500 kg @	134 m/min
	4-Part Line				
	1	up to 27,600 lbs @	55 fpm	up to 12 500 kg @	17 m/min
	2	up to 27,600 lbs @	89 fpm	up to 12 500 kg @	27 m/min
	3	up to 18,520 lbs @	141 fpm	up to 8 400 kg @	43 m/min
	4	up to 11,000 lbs @	220 fpm	up to 5 000 kg @	67 m/min

2P130
4P65

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 Pecco SK 200 Operation Manual for additional information.

Motor Information

Drive Unit	Horsepower	Kilowatts	Speed	
Trolley (2-part line)	6.5 hp	4.8 kW	13 – 250 fpm	4 – 76 m/min
Trolley (4-part line)	6.5 hp	4.8 kW	6.5 – 125 fpm	2 – 38 m/min
Swing*	2 x 8 hp	2 x 6 kW	1.0 rpm	

*NOTE: Jib with hook reach of 124 ft (37.8m) requires only one swing motor; jibs with a hook reach of 143 ft (43.6 m) and longer require two swing motors.

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.

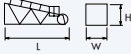
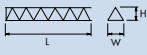
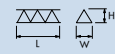
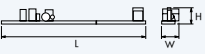
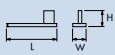
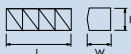
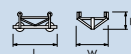
Service size: 200 Amperes

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 350kW. 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 200 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		27'-4" x 6'-7" x 8'-5" 8.3m x 2.0m x 2.57m	3,800 lbs 1 725 kg	Jib Section ①		38'-9" x 6'-1" x 7'-10" 11.8m x 1.86m x 2.4m	5,200 lbs 2 360 kg
Turntable (Complete) Upper & Lower Part		9'-2" x 8'-5" x 8'-1" 2.79m x 2.57m x 2.47m	14,500 lbs 6 575 kg	Jib Section ②		38'-9" x 6'-0" x 6'-9" 11.8m x 1.84m x 2.07m	3,600 lbs 1 630 kg
Turntable Upper Part ¹		9'-2" x 8'-4" x 4'-6" 2.79m x 2.55m x 1.38m	6,900 lbs 3 130 kg	Jib Section ③		38'-9" x 6'-0" x 7'-3" 11.8m x 1.84m x 2.2m	3,600 lbs 1 630 kg
Turntable Lower Part ²		8'-6" x 8'-5" x 3'-7" 2.6m x 2.57m x 1.1m	7,600 lbs 3 450 kg	Jib Section ④		19'-8" x 6'-0" x 6'-9" 6.0m x 1.84m x 2.07m	1,500 lbs 680 kg
Operator's Cab		5'-4" x 3'-8" x 6'-7" 1.62m x 1.12m x 2.0m	900 lbs 410 kg	Jib Section ⑤		19'-8" x 6'-0" x 6'-9" 6.0m x 1.84m x 2.07m	1,300 lbs 590 kg
Cab Access Platform		8'-8" x 8'-3" x 5'-3" 2.65m x 2.52m x 1.6m	1,355 lbs 615 kg	Jib Section ⑥		19'-8" x 6'-0" x 6'-9" 6.0m x 1.84m x 2.07m	1,000 lbs 455 kg
Counterjib ³ (Complete)		57'-1" x 9'-1" x 5'-4" 17.4m x 2.76m x 1.62m	16,750 lbs 7 600 kg	Jib Section ⑦		9'-10" x 6'-2" x 7'-11" 3.0m x 1.92m x 2.41m	900 lbs 410 kg
Counterjib Section #1 ⁴ (Inner)		20'-8" x 6'-4" x 5'-0" 6.3m x 1.92m x 1.52m	2,800 lbs 1 270 kg	Jib Assembly ⁷ 181-ft (55.2m)	①②③④⑤⑥⑦	180'-11" x 6'-2" x 7'-11" 55.1m x 1.92m x 2.41m	20,550 lbs 9 320 kg
Counterjib Section #2 ⁵ (Outer)		36'-5" x 9'-1" x 5'-4" 11.1m x 2.76m x 1.62m	13,950 lbs 6 330 kg	Jib Assembly ⁷ 162-ft (49.4m)	①②③④⑤⑦	161'-10" x 6'-2" x 7'-11" 49.3m x 1.92m x 2.41m	19,550 lbs 8 870 kg
Hoist Unit with Frame ⁶ (105 hp/78 kW)		8'-4" x 5'-1" x 3'-6" 2.54m x 1.55m x 1.07m	9,600 lbs 4 355 kg	Jib Assembly ⁷ 143-ft (43.6m)	①②③④⑦	142'-10" x 6'-2" x 7'-11" 43.5m x 1.92m x 2.41m	18,250 lbs 8 280 kg
Counterweight Block A		10'-2" x 6" x 5'-1" 3.1m x 0.15m x 1.55m	3,750 lbs 1 700 kg	Jib Assembly ⁷ 124-ft (37.8m)	①②③⑦	123'-10" x 6'-2" x 7'-11" 37.7m x 1.92m x 2.41m	16,750 lbs 7 600 kg
Counterweight Block B		6'-11" x 5'-5" x 5'-1" 2.1m x 0.14m x 1.55m	2,205 lbs 1 000 kg	Top Climbing Unit with Hydraulics (S16)		23'-6" x 9'-9" x 9'-3" 7.16m x 2.97m x 2.82m	13,200 lbs 5 990 kg
Tower Section S16		14'-11" x 7'-7" x 7'-7" 4.55m x 2.3m x 2.3m	5,500 lbs 2 500 kg	Tie-in Collar (S16)		10'-11" x 1'-7" x 10'-2" 3.33m x 0.48m x 3.1m	3,300 lbs 1 500 kg
Tower Section S35		19'-5" x 7'-10" x 8'-0" 5.92m x 2.4m x 2.44m	8,900 lbs 4 040 kg	2-Part Trolley (Outer)		6'-7" x 6'-3" x 3'-2" 2.0m x 1.9m x 0.97m	850 lbs 385 kg
Transition Section S35/S16		8'-1" x 7'-9" x 1'-1" 2.46m x 2.36m x 0.33m	1,610 lbs 730 kg	Hook Block		2'-2" x 1'-0" x 3'-8" 0.66m x 0.3m x 1.12m	800 lbs 365 kg

NOTE: Weights and dimensions are approximate. Scale components before lifting.

¹ Turntable Upper Part includes swing motors. Does not include slewing ring and slewing ring support.

² Turntable Lower Part includes slewing ring and slewing ring support. Does not include Upper Part and swing motors.

³ Counterjib (Complete) includes Counterjib Section #1, Counterjib Section #2, 105 hp (78 kW) hoist unit with frame, electrical panel, handrails and suspension. Does not include wire rope.

⁴ Includes handrails, electrical panel. Does not include Counterjib Section #2.

⁵ Includes 105hp (78 kW) hoist unit with frame and suspension. Does not include Counterjib Section #1 and wire rope.

⁶ Does not include wire rope.

⁷ Jib Assemblies include jib sections, pendant cables, trolley drive unit, trolley wire rope, 2-part trolley (outer) and hook block. If 4-part application is used, weight increases by 1,650 lbs (750 kg) for additional trolley (inner) and hook block.