



• Tower Crane • Hoist • Mobile •  
Rentals and Sales



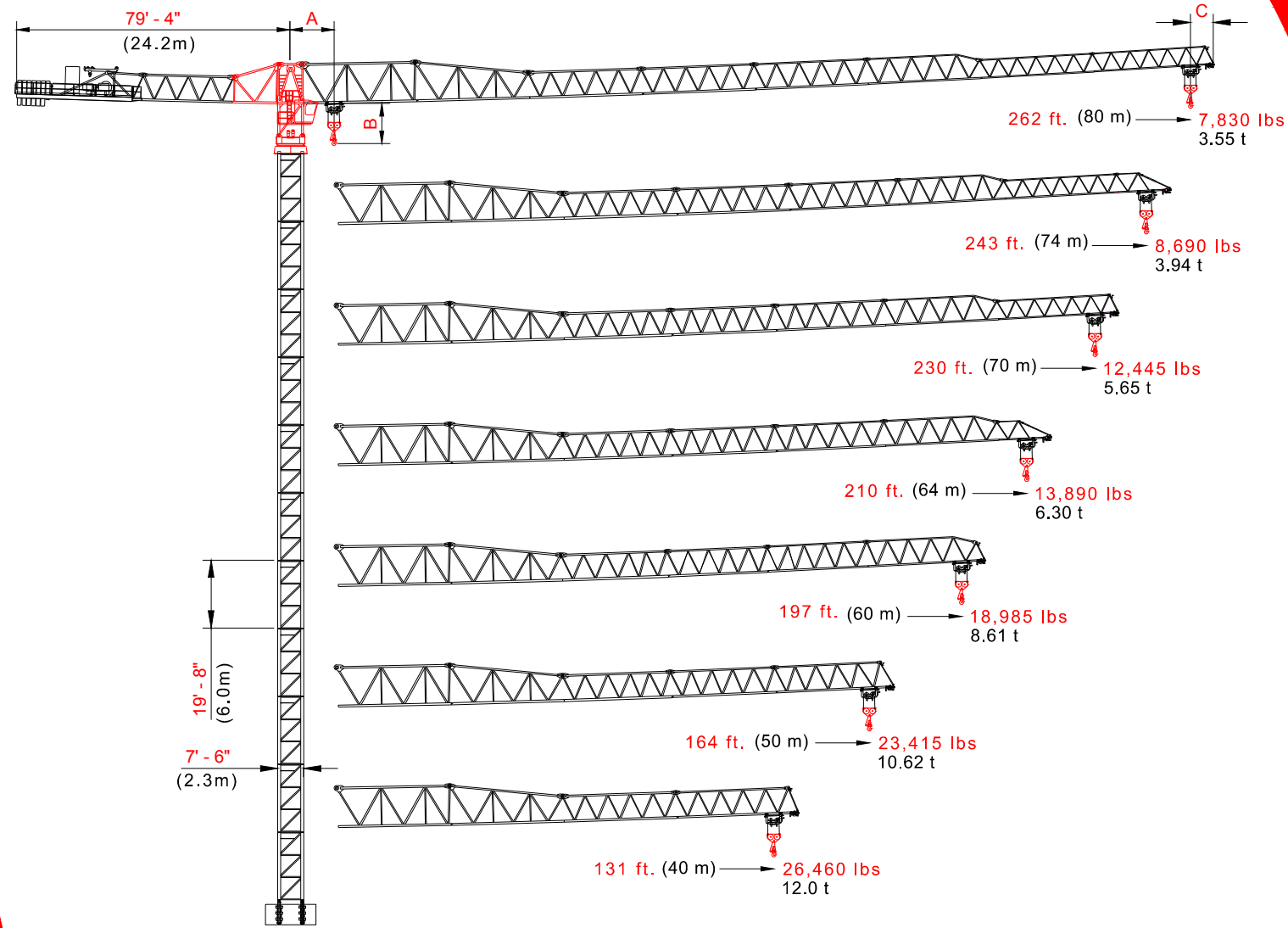
*"Your Turnkey Crane and Hoist Provider"*

Sun STT-553  
Topless Tower Crane





Topless Tower Crane  
Modular System



A = Centerline crane to minimum 2 part hook radius 12' - 9" (3.9m)  
 B = Bottom of jib to hook block 11' - 8" (3.6m)  
 C = Add for jib tip radius 6' - 6" (2.0m)

Line Speeds and Power Requirements

Hoist Unit  
120 hp 90 kW

2 - Part Line	Line Speed	Capacity
26,460 lbs 12 t	0 - 131 ft/min 0 - 40 m/min	26,460 lbs 12.0 t
	0 - 135 ft/min 0 - 41 m/min	16,540 lbs 7.5 t
	0 - 525 ft/min 0 - 160 m/min	7,720 lbs 3.5 t

4 - Part Line	Line Speed	Capacity
52,920 lbs 24 t	0 - 65.6 ft/min 0 - 20 m/min	52,920 lbs 24.0 t
	0 - 157.5 ft/min 0 - 48 m/min	33,080 lbs 15.0 t
	0 - 262.5 ft/min 0 - 80 m/min	15,440 lbs 7.0 t

Unit	Horsepower	Kilowatts	Speed
Trolley	15 HP	11 Kw	0 - 213 ft/min 0 - 65 m/min
Swing	3 x 7.6 HP	3 x 5.7 Kw	0 - 0.8 rpm

Power Requirements  
480 volts, 60 cycle, 3 phase: 300 amp service

Additional Equipment and Services Available

- Moritsch Tower Cranes
- Comedil Tower Cranes
- Peiner Tower Cranes
- Sun Tower Cranes
- Comansa Tower Cranes
- Timberland Derricks
- Hardrock Elevators
- Hercules Elevators
- Specialized Rigging
- Technical Services
- Third Party Inspections
- Parts and Repair Services
- Erection and Dismantlement Services

\*Due to product improvement specifications are subject to change without notice.

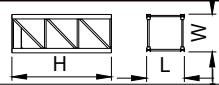
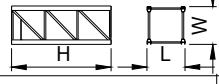
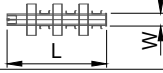
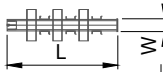
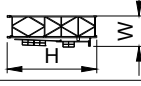

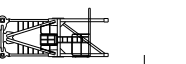

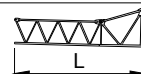
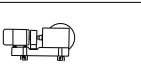
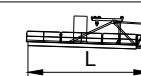
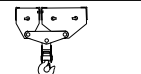
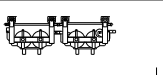
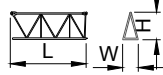
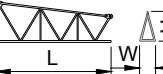
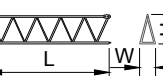
EQUIPMENT RENTALS - SALES- 24 HOUR SERVICE - YARD STORAGE & TRANSFERS - REGIONAL SERVICE

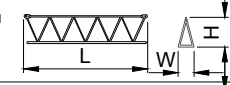
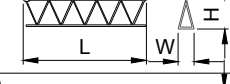

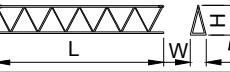
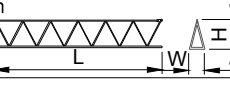
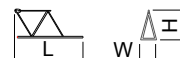
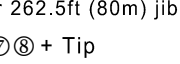
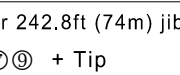
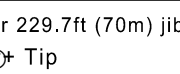
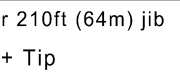
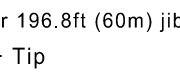
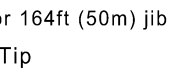
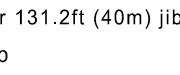
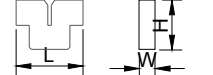
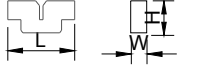
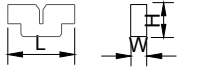
2214 FM 1187, SUITE 1  
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# Crane Component List

**SUN STT-553**

DESCRIPTION	DIMENSION L x W x H	WEIGHT
Mast H205B 	7'6" x 7'6" x 19'8" 2.3m x 2.3m x 6.0m	10,170 lbs 4,853 kg
Mast H205A 	7'8" x 7'8" x 19'8" 2.3m x 2.3m x 6.0m	14,396 lbs 6,530 kg
Anchor Stool H205B 	6'11" x 1'11" x 1'11" 2.13m x 0.6m x 0.6m	997 lbs 452 kg
Anchor Stool H205A 	8'4" x 2'7" x 2'7" 2.55m x 0.8m x 0.8m	1,824 lbs 827 kg
Telescoping Cage 	14'7" x 26'5" x 39'1" 4.5m x 8.1m x 11.9m	30,200 lbs 13,698 kg
Complete Turntable 	9'9" x 9'9" x 7'8" 3.0m x 3.0m x 2.3m	25,500 lbs 11,567 kg
Cathead 	9'9" x 11'10" x 21'9" 3.0m x 3.6m x 6.62m	12,400 lbs 5,625 kg
Operators Cabin 	6'3" x 4'3" x 6'8" 1.9m x 1.3m x 2.1m	1,544 lbs 700 kg
Counter-jib 	5'7" x 12'1" x 39'4" 1.7m x 3.7m x 12.0m	12,400 lbs 5,625 kg
Hoisting Winch 	8'4" x 8'6" x 4'5" 2.5m x 2.6m x 1.4m	13,500 lbs 6,123 kg
Counter-weight Deck w/o winch 	11'10" x 10'4" x 37'5" 3.6m x 3.3m x 11.4m	16,604 lbs 7,531 kg
Hook Block 	5'9" x 1'1" x 6'2" 1.8m x 0.3m x 1.9m	1,151 lbs 522 kg
Jib Trolley 	10'8" x 6'1" x 4'2" 3.3m x 1.9m x 1.3m	2,700 lbs 1,225 kg
Jib Section ① 	34'2" x 4'7" x 12'6" 10.4m x 1.4m x 3.8m	12,600 lbs 5,715 kg
Jib Section ② 	34'0" x 4'7" x 12'1" 10.4m x 1.4m x 3.7m	9,660 lbs 4,382 kg
Jib Section ③ 	34'0" x 4'7" x 8'2" 10.4m x 1.4m x 2.5m	8,950 lbs 4,060 kg

DESCRIPTION	DIMENSION L x W x H	WEIGHT
Jib Section ④ 	33'9" x 4'7" x 8'0" 10.3m x 1.4m x 2.4m	7,130 lbs 3,234 kg
Jib Section ⑤ 	33'8" x 4'7" x 7'10" 10.26m x 1.4m x 2.4m	5,500 lbs 2,495 kg
Jib Section ⑥ 	33'7" x 4'7" x 7'9" 10.2m x 1.4m x 2.4m	4,630 lbs 2,100 kg
Jib Section ⑦ 	33'6" x 4'7" x 5'9" 10.2m x 1.4m x 1.8m	2,730 lbs 1,238 kg
Jib Section ⑧ 	33'4" x 4'7" x 5'8" 10.2m x 1.4m x 1.7m	2,110 lbs 957 kg
Jib Section ⑨ 	13'6" x 4'7" x 5'8" 4.1m x 1.4m x 1.7m	695 lbs 315 kg
Jib Assembly for 262.5ft (80m) jib ①②③④⑤⑥⑦⑧ + Tip 	262'6" x 4'7" x 12'6" 80m x 1.4m x 3.8m	61,740 lbs 28,005 kg
Jib Assembly for 242.8ft (74m) jib ①②③④⑤⑥⑦⑧ + Tip 	242'10" x 4'7" x 12'6" 74m x 1.4m x 3.81m	60,330 lbs 27,365 kg
Jib Assembly for 229.7ft (70m) jib ①②③④⑤⑥⑦ + Tip 	229'8" x 4'7" x 12'6" 70m x 1.4m x 3.81m	59,630 lbs 27,048 kg
Jib Assembly for 210ft (64m) jib ①②③④⑤⑥ + Tip 	210' x 4'7" x 12'6" 64m x 1.4m x 3.81m	57,595 lbs 26,125 kg
Jib Assembly for 196.8ft (60m) jib ①②③④⑤⑥ + Tip 	196'10" x 4'7" x 12'6" 60m x 1.4m x 3.81m	56,900 lbs 25,809 kg
Jib Assembly for 164ft (50m) jib ①②③④⑤ + Tip 	164' x 4'7" x 12'6" 50m x 1.4m x 3.81m	50,950 lbs 23,111 kg
Jib Assembly for 131.2ft (40m) jib ①②③④ + Tip 	131'2" x 4'7" x 12'6" 40m x 1.4m x 3.81m	45,000 lbs 20,412 kg
Counter-Jib Block A 	8'2" x 1'3" x 7'5" 2.48m x 0.38m x 2.27m	8,820 lbs 4,000 kg
Counter-Jib Block B 	8'2" x 1'3" x 3'10" 2.48m x 0.38m x 1.17m	4,410 lbs 2,000 kg
Counter-Jib Block C 	7'1" x 1'3" x 2'4" 2.15m x 0.38m x 0.71m	2,205 lbs 1,000 kg

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

- 1 jib assembly doesn't include trolley, load line and load block
- 2 Turntable complete doesn't include platform and operator cabin
- 3 Counterweight machine deck includes handrails and platforms
- 4 Cathead includes cabin, rails, platform and ladder
- 5 Telescoping cage include platform and ladder

# Radius and Capacities

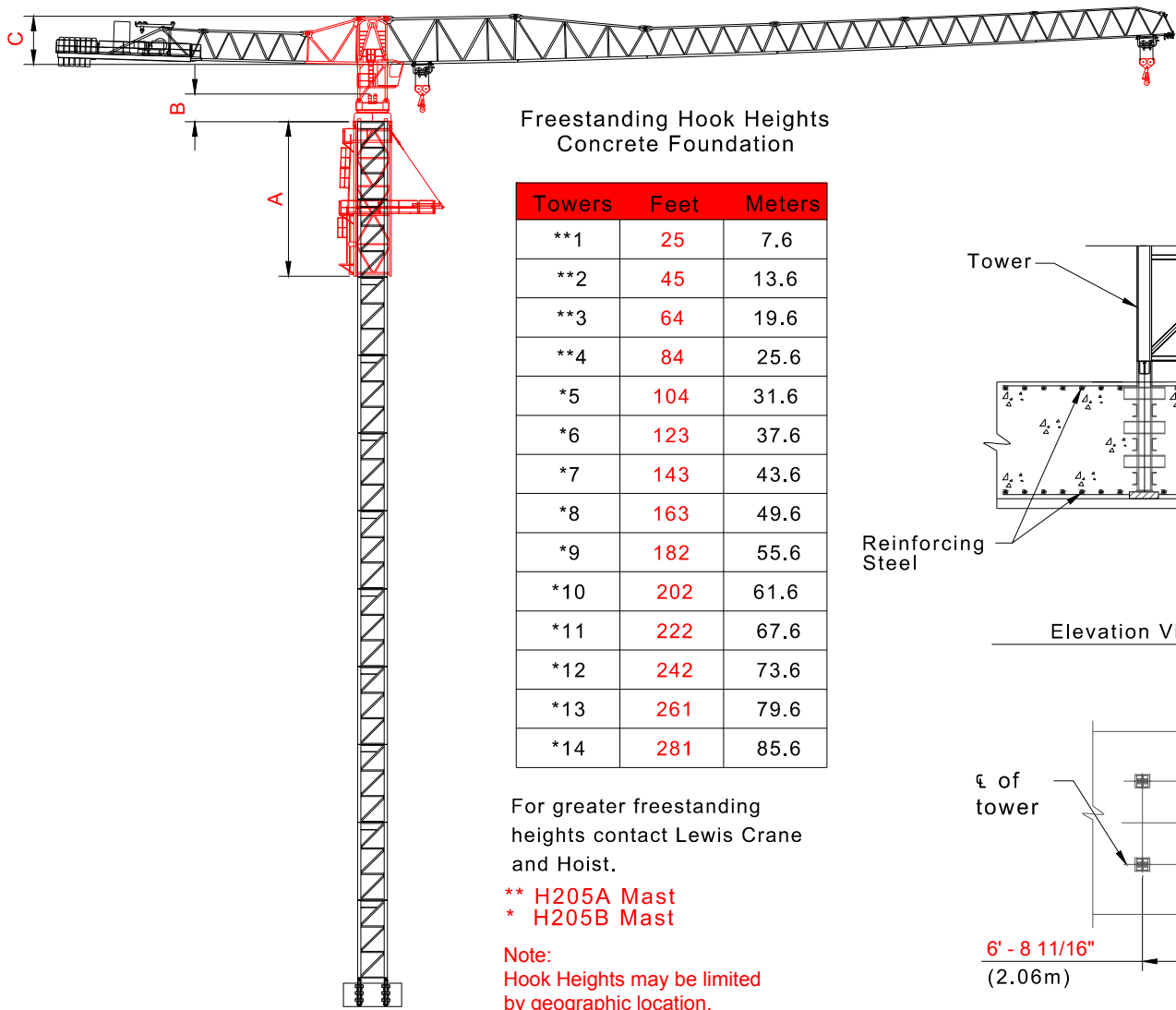
**SUN STT-553**

Radius and capacity (feet and pounds)		2-Part-Line										ft
Hook Radius		98	131	144	164	177	197	210	230	243	262	
												lbs
262 ft	26,460 lbs - 90ft	26,085	18,676	16,692	14,310	13,010	11,422	10,518	9,350	8,688	7,830	
243 ft	26,460 lbs - 90ft	26,060	18,650	16,670	14,290	13,010	11,400	10,500	9,350	8,690		
230 ft	26,460 lbs - 121ft	26,460	24,140	21,630	18,654	17,045	15,016	13,892	12,445			
210 ft	26,460 lbs - 121ft	26,460	24,145	21,630	18,654	17,020	15,016	13,890				
197 ft	26,460 lbs - 147ft	26,460	26,460	26,460	23,417	21,455	18,985					
164 ft	26,460 lbs - 147ft	26,460	26,460	26,460	23,415							
131 ft	26,460 lbs - 131ft	26,460	26,460									

Radius and capacity (feet and pounds)		4-Part-Line										ft
Hook Radius		98	131	144	164	177	197	210	230	243	262	
												lbs
262 ft	52,920 lbs - 51 ft	23,900	16,490	14,487	12,105	10,830	9,217	8,313	7,170	6,483	5,625	
243 ft	52,920 lbs - 51 ft	23,880	16,471	14,487	12,105	10,805	9,190	8,290	7,140	6,485		
230 ft	52,920 lbs - 63 ft	31,245	21,960	19,448	16,449	14,840	12,811	11,687	10,250			
210 ft	52,920 lbs - 63 ft	31,245	21,940	19,448	16,449	14,840	12,811	11,685				
197 ft	52,920 lbs - 76 ft	39,315	27,937	24,872	21,212	19,250	16,780					
164 ft	52,920 lbs - 76 ft	39,290	27,937	24,872	21,210							
131 ft	52,920 lbs - 79 ft	40,860	29,105									

Radius and capacity (meters and metric tons)		2-Part-Line										m
Hook Radius		30	40	44	50	54	60	64	70	74	80	
												t
80 m	12 t - 28 m	11.83	8.47	7.57	6.49	5.90	5.18	4.77	4.24	3.94	3.55	
74 m	12 t - 28 m	11.82	8.46	7.56	6.48	5.90	5.17	4.76	4.24	3.94		
70 m	12 t - 37 m	12.00	10.95	9.81	8.46	7.73	6.81	6.30	5.65			
64 m	12 t - 37 m	12.00	10.95	9.81	8.46	7.72	6.81	6.30				
60 m	12 t - 45 m	12.00	12.00	12.00	10.62	9.73	8.61					
50 m	12 t - 45 m	12.00	12.00	12.00	10.62							
40 m	12 t - 40 m	12.00	12.00									

Radius and capacity (meters and metric tons)		4-Part-Line										m
Hook Radius		30	40	44	50	54	60	64	70	74	80	
												t
80 m	24 t - 15 m	10.84	7.48	6.57	5.49	4.91	4.18	3.77	3.25	2.94	2.55	
74 m	24 t - 15 m	10.83	7.47	6.57	5.49	4.90	4.17	3.76	3.24	2.94		
70 m	24 t - 19 m	14.17	9.96	8.82	7.46	6.73	5.81	5.30	4.65			
64 m	24 t - 19 m	14.17	9.95	8.82	7.46	6.73	5.81	5.30				
60 m	24 t - 23 m	17.84	12.67	11.28	9.62	8.73	7.61					
50 m	24 t - 23 m	17.82	12.67	11.28	9.62							
40 m	24 t - 24 m	18.53	13.20									



A = Height of telescoping unit 39' - 0" (11.9 m)  
 B = Height of complete slewing unit 7' - 8" (2.34 m)  
 C = Height of jib section 12' - 5" (3.8 m)

