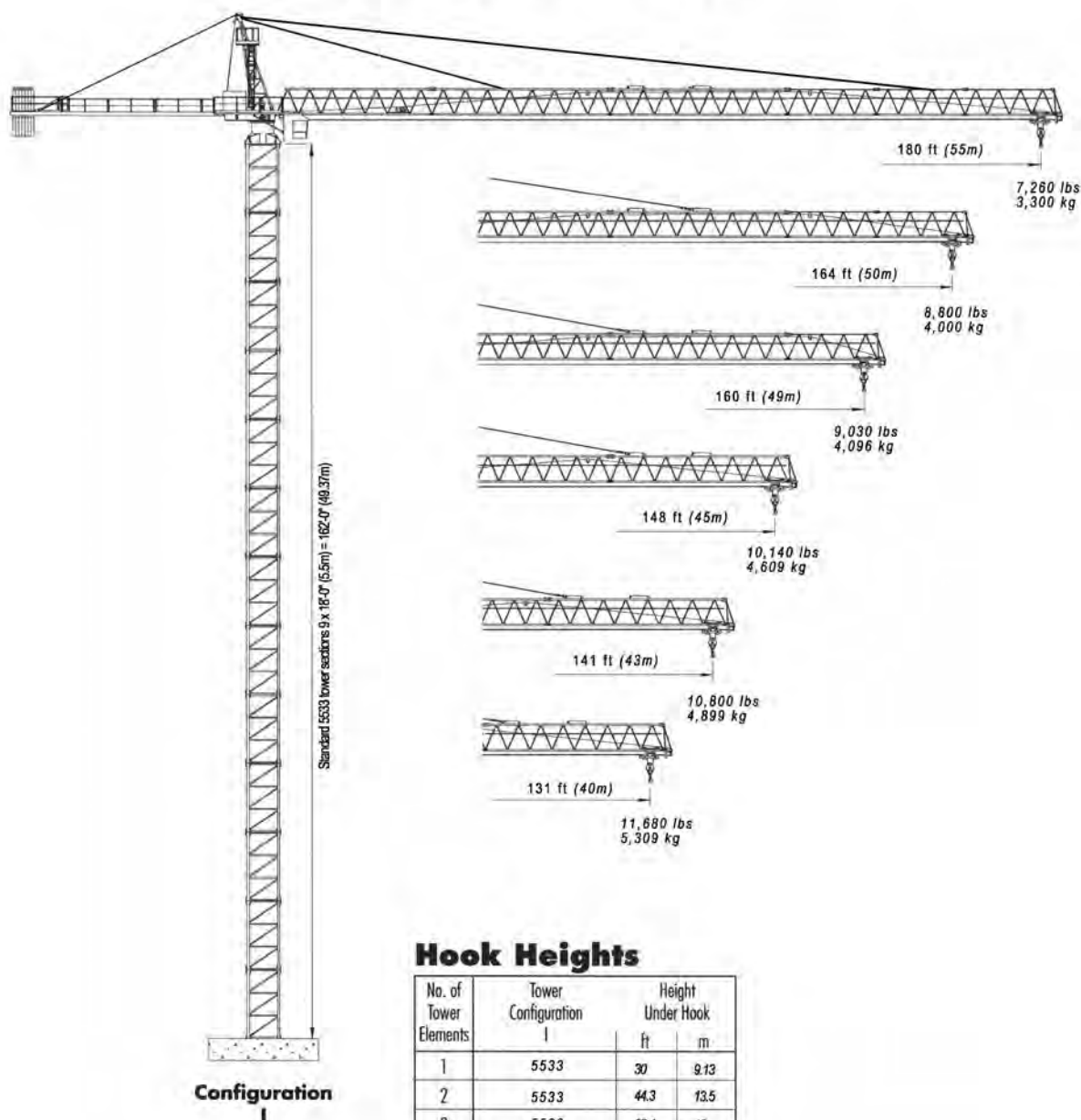


COMANSA SH-5533

TOWER CRANE



Hook Heights

No. of Tower Elements	Tower Configuration I	Height Under Hook	
		ft	m
1	5533	30	9.13
2	5533	44.3	13.5
3	5533	62.4	19
4	5533	80.4	24.5
5	5533	98.5	30
6	5533	116.6	35.5
7	5533	134.6	41
8	5533	152.7	46.5
9	5533	170.8	52

**STATIONARY
FREESTANDING**

Lower the top climbing unit to base of crane prior to operating crane at maximum hook height.
Other tower configurations are possible. Contact Bigge Crane and Rigging for additional information.

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HOOK RADIUS	4-Part Line Max Capacity - Radius	ft m	63 19	72 22	82 25	92 28	102 31	111 34	121 37	131 40	135 41	141 43	147 45	154 47	161 49	167 51	174 53	180 55
180 ft 55 m	26,460 - 63 ft. 12,027 - 19 m	lbs kg	26,460 12,027	22,400 10,182	19,350 8,795	16,930 7,695	15,000 6,818	13,426 6,103	12,100 5,500	11,100 5,045	10,550 4,795	10,030 4,559	9,480 4,309	8,950 4,068	8,490 3,859	8,050 3,659	7,650 3,477	7,270 3,300
		ft m	66 20	75 23	85 26	92 28	98 30	105 32	111 34	118 36	125 38	131 40	138 42	144 44	151 46	157 48	164 50	
164 ft 50 m	26,460 - 66 ft. 12,027 - 20 m	lbs kg	26,460 12,027	22,550 10,250	19,576 8,898	17,946 8,157	16,536 7,516	15,320 6,964	14,240 6,473	13,290 6,041	12,456 5,662	11,686 5,312	11,000 5,000	10,380 4,718	9,810 4,459	9,300 4,227	8,800 4,000	
		ft m	64 20	66 20	75 23	85 26	92 28	95 29	98 30	105 32	115 35	125 38	135 41	145 44	155 47	160 49		
160 ft 49 m	26,460 - 63 ft. 12,027 - 19 m	lbs kg	26,450 12,027	26,450 12,027	22,220 10,079	18,160 8,237	17,945 8,140	17,000 7,711	16,535 7,500	14,230 6,455	13,620 6,178	12,350 5,602	11,620 5,271	10,330 4,686	9,520 4,318	9,030 4,096		
		ft m	66 20	75 23	85 26	92 28	98 30	105 32	111 34	118 36	125 38	131 40	138 42	144 44	148 45			
148 ft 45 m	26,460 - 63 ft. 12,027 - 19 m	lbs kg	26,460 12,027	22,640 10,270	19,640 8,927	18,030 8,195	16,620 7,555	15,386 6,994	14,306 6,503	13,356 6,071	12,500 5,682	11,750 5,341	11,064 5,029	10,424 4,738	10,140 4,609			
		ft m	60 18	63 19	65 20	75 23	85 26	95 29	105 32	115 35	125 38	135 41	141 43					
141 ft 43 m	26,460 - 66 ft. 12,027 - 20 m	lbs kg	26,540 12,027	26,540 12,027	26,540 12,027	22,550 10,228	19,950 9,049	17,260 7,829	15,380 6,976	13,840 6,278	12,540 5,688	11,440 5,189	10,800 4,899					
		ft m	66 20	72 22	85 26	92 28	98 30	105 32	111 34	118 36	125 38	131 40						
131 ft 40 m	26,460 - 66 ft. 12,027 - 20 m	lbs kg	26,460 12,027	23,720 10,782	19,550 8,886	17,920 8,145	16,630 7,559	15,320 6,964	14,240 6,473	13,290 6,041	12,430 5,650	11,680 5,309						

SPECIFICATIONS

COMANSA Tower Crane Model SH-5533

Hoist speed and Capacity

Hoist Unit	2-Part Line					
96 hp (71 kW) DC hoist unit 4-speed gearbox Remote controlled gear shifting Eddy current brake	Gear	Capacity	Line Speed	Capacity	Line Speed	
	1	13,230	@ 13 fpm	6,615	@ 26 m/min	
	2	13,230	@ 39 fpm	6,615	@ 79 m/min	
	3	6,615	@ 210 fpm	3,307	@ 420 m/min	
	4	3,307	@ 735 fpm	3,307	@ 735 m/min	
	4-Part Line					
	1	26,450	@ 7 fpm	13,230	@ 13 m/min	
	2	26,450	@ 20 fpm	13,230	@ 39 m/min	
	3	13,230	@ 105 fpm	6,615	@ 210 m/min	
	4	6,615	@ 357 fpm	3,307	@ 357 m/min	

Motor Information

Drive Unit	Horsepower	Kilowatts	Speed	
Trolley	7.5 hp	5.5 kW	213 fpm	65 m/min
Swing	2 x 7.5 hp	2 x 5.5 kW	0.9 rpm	

Note: Trolley and swing motors are DC motors.

Power Requirements

460 Volts -- 3 phase -- 60 cycle	250 Amperes service with 96 hp (71 kW) hoist unit
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Specifications subject to change without notice. For other configurations and specifications, contact Bigge Crane and Rigging Co.