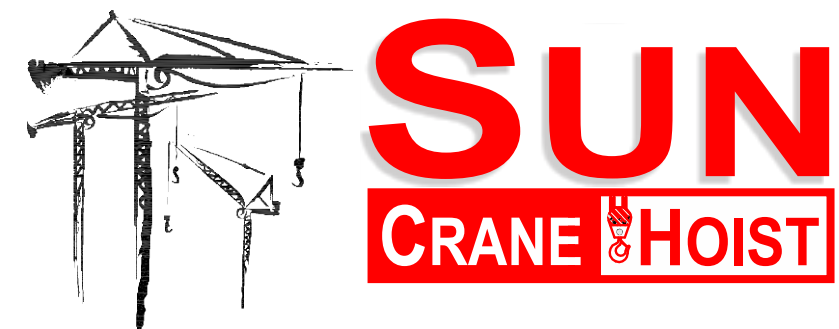


COMANSA LC550-18t



Turnkey Solutions * Parts and Service * Training and Safety * Transportation



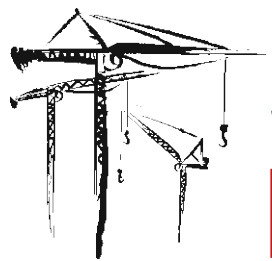
LC550-18t

Topless Tower Crane



2214 Hwy 1187 - BLDG 1
Mansfield, TX. 76063
Office : 817.225.1090 * Fax : 817.225.1035
Website : www.suncraneandhoist.com





SUN

CRANE HOIST

COMANSA LC550

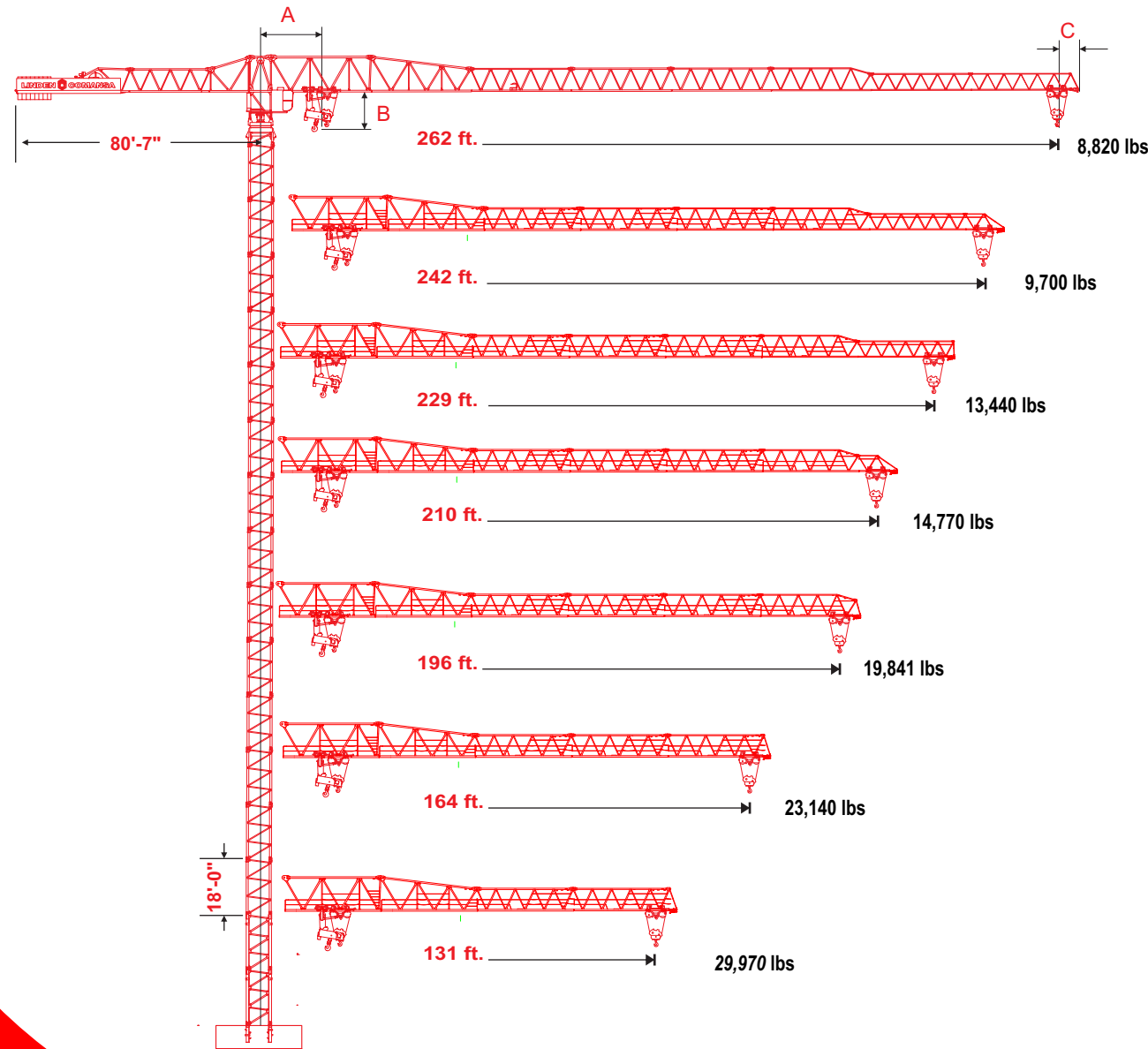
COMANSA LC550

LINE SPEEDS AND POWER REQUIREMENTS

Hoist Unit

87 hp (65kW)

TOWER CRANE MODULAR SYSTEM



A=Centerline crane to minimum 2 part hook radius **11'-6"**
B=Bottom of jib to hook block **6'-6"**
C=Add for jib tip radius **2'-11"**

2 - Part Line	Line Speed	Capacity
19,850 lbs 9t	144 ft/min 43.9 m/min	19,841 lbs 9t
	328 ft/min 99.9 m/min	6,610 lbs 3.3t
	459 ft/min 139 m/min	4,410 lbs 2.0t

4 - Part Line	Line Speed	Capacity
39,690 lbs 18t	72 ft/min 21.98 m/min	38,680 lbs 18t
	164 ft/min 49.9 m/min	13,220 lbs 6.6t
	230 ft/min 70.1 m/min	8,820 lbs 4.0t

Unit	Horsepower	Kilowatts	Speed
Trolley	10	7.5	0 - 308 ft/min 0 - 93.8 m/min
Swing	4x 10 hp	4x 7.5	0 - .08 rpm
Traveling	6 x 4.6	6 x 3.4	52.5 - 105 ft/min 16 - 32 m/min

Power Requirements

480 volts, 3 phase, 60 Hz, 300 amp service

Additional Equipment and Services Available

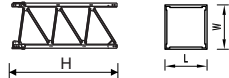
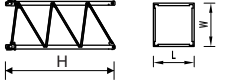
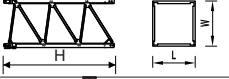
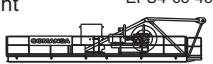
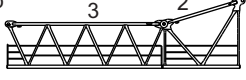
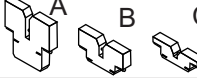
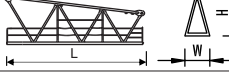
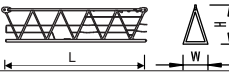
Peiner Tower Cranes
Sun Tower Cranes
Hercules Elevators
Timberland Derricks
Specialized Rigging
Technical Services
Parts and Repair Services
Erection and Dismantlement Services

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

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

2214 FM 1187, Suite 1
Mansfield, TX 76063
O 817.225.1090
F 817.225.1095
WWW.SUNCRANEANDHOIST.COM

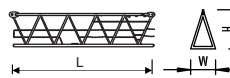
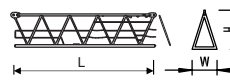
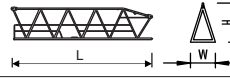
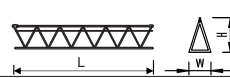
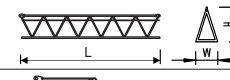
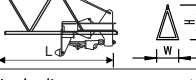
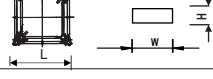
Crane Component List

DESCRIPTION	DIMENSION L x W x H	WEIGHT
Mast Section D33 	8'7" x 8'7" x 18'0" 2.6m x 2.6m x 5.4m	9,570 lbs 4,340 kg
Mast Section S35 	8'7" x 8'7" x 18'0" 2.6m x 2.6m x 5.4m	8,160 lbs 3,701 kg
Mast Section TD33A 	8'7" x 8'7" x 18'0" 2.6m x 2.6m x 5.4m	8,160 lbs 3,701 kg
Telescoping Cage J4.1 w/platform 	9'11" x 10'9" x 30'8" 6.2m x 4.4m x 5.7m	28,660 lbs 3,160 kg
Turntable Complete SM219 	9'10" x 9'10" x 10'4" 3.0m x 3.0m x 3.1m	24,030 lbs 10,900 kg
Cathead CM219 	8'5" x 5'2" x 21'9" 2.4m x 1.5m x 3.1m	11,684 lbs 5,299 kg
Counter - weight deck BM215 	EFU4-65-45 37'10" x 7'2" x 8'5" 11.5m x 2.1m x 2.5m	24,691 lbs 11,199 kg
Counter Jib Complete ②Fm215 ③Fm218 	40'3" x 7'2" x 12'1" 12.2m x 2.1m x 2.5m	11,360 lbs 5,152 kg
Hook Block TALC09+GA09 	6'3" x 5'4" x 4'6" 1.9m x 1.3m x 1.3m	1,190 lbs 539 kg
Anchors PD3-2 	1'6" x 1'6" x 6'10" .4m x .4m x 2.1m	2,440 lbs 1,106 kg
Counter weights 		A- 8,818 lb B- 4,409 lb C- 2,204 lb
Jib Section ①AM299 	34'2" x 4'7" x 12'6" 10.4m x 1.4m x 3.7m	15,562 lbs 7,099 kg
Jib Section ⑤Am298 	34'1" x 4'7" x 12'1" 10.3m x 1.4m x 3.6m	12,120 lbs 5,524 kg
Jib Section ⑥AM282A 	33'10" x 4'7" x 8'1" 10.3m x 1.4m x 2.4m	10,690 lbs 4,848 kg

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

- Jib assembly doesn't include trolley, pulley support and load block.
- Counter-Jib include, hoist winch, handrails, platforms and tie bars
- Turntable complete does not include platform
- Cathead includes cabin, rails, platform and ladder
- Telescoping cage does not include platform and ladder

COMANSA LC550

DESCRIPTION	DIMENSION L x W x H	WEIGHT
Jib Section ⑦AM272A 	33'9" x 4'7" x 7'10" 10.3m x 1.4m x 2.4m	9,480 lbs 4,300 kg
Jib Section ⑧AM262A 	33'8" x 4'7" x 7'10" 10.2m x 1.4m x 2.4m	7,930 lbs 3,596 kg
Jib Section ⑩AM250A 	33'7" x 4'7" x 7'9" 10.2m x 1.4m x 2.74m	5,090 lbs 2,308 kg
Jib Section ⑪AM230 	33'6" x 4'7" x 5'7" 10.2m x 1.4m x 1.7m	2,890 lbs 1,310 kg
Jib Section ⑫AM220 	33'1" x 4'7" x 5'7" 10.0m x 1.4m x 1.7m	2,050 lbs 929 kg
Jib Tip Section With Jib Tip ⑬AM244 	13'8" x 4'7" x 5'8" 4.1m x 1.4m x 1.7m	870 lbs 394 kg
Brace Frame MA05 	10'1" x 10'1" x 1'10" 3.0m x 3.0m x 0.5m	3,000 lbs 1,360 kg
262 ft. Jib Assembly (80M) ①⑤⑥⑦⑧⑩⑪⑫	262' x 4'7" x 12'1" 80m x 1.4m x 3.6m	57,818 lbs 26,226 kg
242ft. Jib Assembly (73.7M) ①⑤⑥⑦⑧⑩⑪⑬	242' x 4'7" x 12'1" 73.7m x 1.4m x 3.6m	52,840 lbs 23,967 kg
230 ft. Jib Assembly (69.7M) ①⑤⑥⑦⑧⑩⑪	229' x 4'7" x 12'1" 69.7m x 1.4m x 3.6m	51,970 lbs 23,573 kg
210 ft. Jib Assembly (63.9M) ①⑤⑥⑦⑧⑩⑬	209' x 4'7" x 12'1" 63.9m x 1.4m x 3.6m	49,950 lbs 22,656 kg
197 ft. Jib Assembly (59.9M) ①⑤⑥⑦⑧⑩	196' x 4'7" x 12'1" 59.9m x 1.4m x 3.6m	49,080 lbs 22,622 kg
164.0 ft. Jib Assembly (49.9M) ①⑤⑥⑦⑧	164' x 4'7" x 12'1" 49.9m x 1.4m x 3.6m	45,310 lbs 20,552 kg
131.2 ft. Jib Assembly (39.9M) ①⑤⑥⑦	131' x 4'7" x 12'1" 39.9m x 1.4m x 3.6m	40,220 lbs 18,243 kg

SUN CRANE AND HOIST

Radius and Capacities

COMANSA LC550

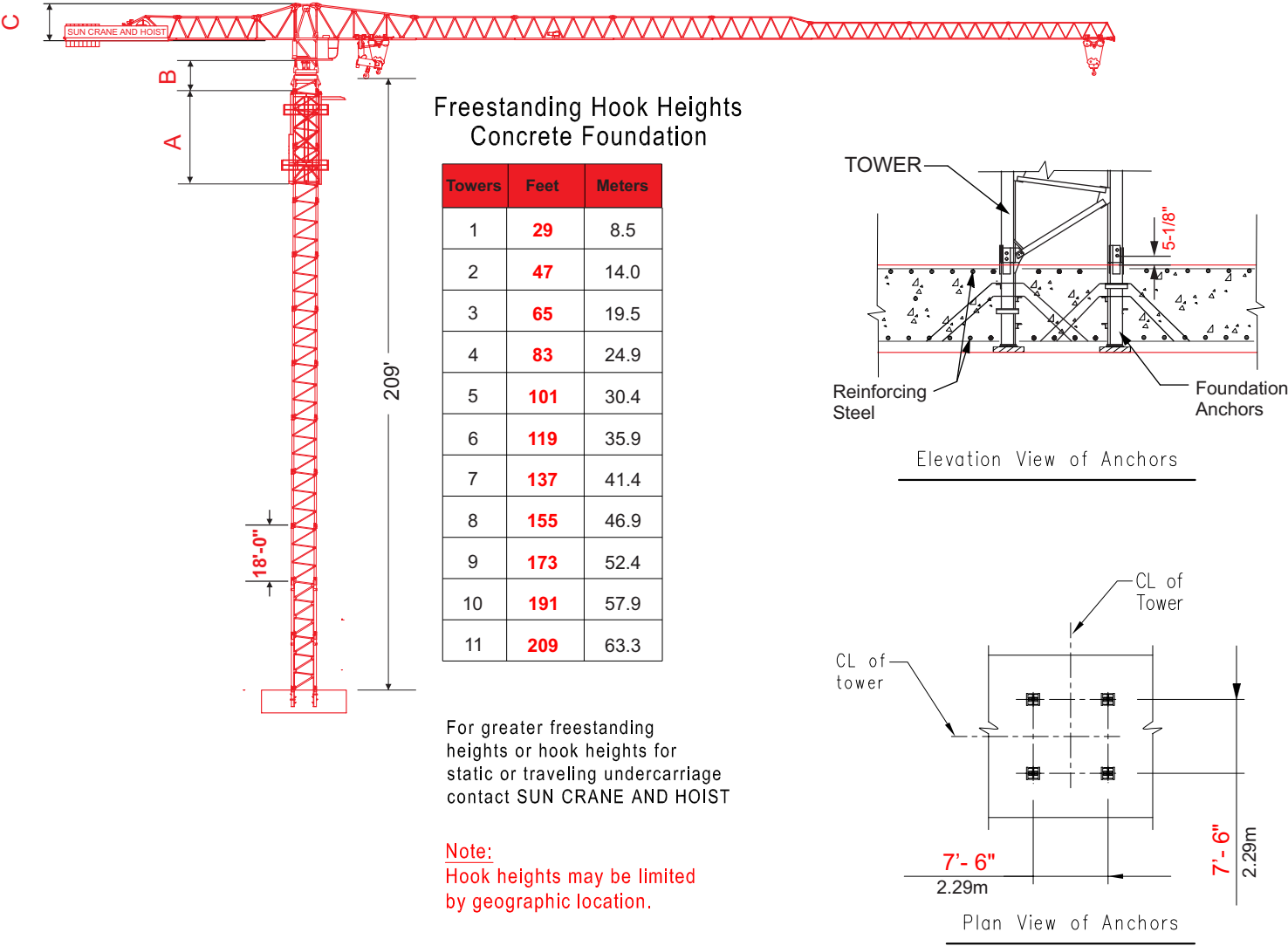
Radius and capacity (feet and pounds)	2-Part - line ft									
Hook Radius	111	131	144	164	177	197	210	230	242	262
262 FT	19,841 lbs - 124'- 0"	19,841	19,146	17,250	14,980	13,756	12,235	11,375	10,273	9,645
243 FT	19,841 lbs - 124'- 0"	19,841	19,246	17,339	15,068	13,833	12,301	11,441	10,339	9,700
230 FT	19,841 lbs - 160'- 0"	19,841	19,841	19,841	19,444	17,890	15,939	14,847	13,448	
210 FT	19,841 lbs - 157'- 0"	19,841	19,841	19,672	19,345	17,791	15,862	14,770		
197 FT	19,841 lbs - 196'- 0"	19,841	19,841	19,841	19,841	19,841	19,841			
177 FT	19,841 lbs - 177'- 0"	19,841	19,841	19,841	19,841	19,841				
164 FT	19,841 lbs - 164'- 0"	19,841	19,841	19,841	19,841					
131 FT	19,841 lbs - 131'- 0"	19,841	19,841	ND						

Radius and capacity (feet and pounds)	4-Part - line ft									
Hook Radius	101	134	142	161	174	194	207	226	240	262
262 FT	39,670 lbs - 65'- 0"	24,945	17,956	16,501	14,109	12,819	11,221	10,317	9,160	8,498
243 FT	39,670 lbs - 65'- 0"	24,945	17,956	16,490	14,109	12,819	11,210	10,317	9,160	8,597
230 FT	39,670 lbs - 82'- 0"	31,933	23,203	21,373	18,397	16,777	14,770	13,646	12,345	
210 FT	39,670 lbs - 82'- 0"	31,624	22,971	21,153	18,198	16,600	14,616	13,668		
197 FT	39,670 lbs - 72'- 0"	39,197	28,670	26,455	22,872	20,921	18,739			
177 FT	DATA NOT AVAILABLE - "ND"	ND	ND	ND	ND	ND				
164 FT	39,670 lbs - 96'- 0"	39,098	28,582	26,389	23,148					
131 FT	39,670 lbs - 96'- 0"	39,142	ND	ND						

Radius and capacity (meter and tons)	2-Part - line m									
Hook Radius	34	40	44	50	54	60	64	70	74	80
80m	9t - 36.8m	9.0	8.6	7.8	6.7	6.2	5.5	5.1	4.6	4.3
74m	9t - 32.9m	9.0	8.7	7.8	6.8	6.2	5.5	5.1	4.6	4.3
70m	9t - 79.8m	9.0	9.0	9.0	8.8	8.1	7.2	6.7	6.0	
64m	9t - 40.9m	9.0	9.0	8.4	8.7	8.0	7.2	6.7		
60m	9t - 42.9m	9.0	9.0	8.8	7.7	7.0	6.3			
54m	9t - 42.0m	9.0	9.0	9.0	9.0	9.0				
50m	9t - 44.9m	9.0	9.0	9.0	9.0					
40m	9t - 40.0m	9.0	9.0	ND						

Radius and capacity (meter and tons)	4-Part - line m									
Hook Radius	30	39	43	49	53	59	63	69	73	79
80m	18t - 16m	12.4	8.9	7.4	6.3	5.8	5.0	4.6	4.1	3.8
74m	18t - 18m	12.4	8.9	8.2	7.0	6.4	5.6	5.1	4.5	4.2
70m	18t - 21m	16.0	11.6	10.6	9.1	8.3	7.3	6.8	6.1	
64m	18t - 21m	15.8	11.4	6.8	9.6	8.3	7.3	6.3		
60m	18t - 22m	19.5	14.3	13.2	11.4	10.4	9.3			
54m	DATA NOT AVAILABLE - "ND"	ND	ND	ND	ND	ND				
50m	18t - 23m	18.0	14.2	13.1	11.5					
40m	18t - 23.9m	18.0	15.0	ND						

SUN CRANE AND HOIST



For greater freestanding heights or hook heights for static or traveling undercarriage contact SUN CRANE AND HOIST

Note:
Hook heights may be limited by geographic location.

- A = Height of telescoping unit 30'-8" (9.3m)
- B = Height of complete slewing unit 10'-3" (3.1m)
- C = Height of jib section 12'-2" (3.7m)

