

• **Tower Crane** • **Hoist** • **Mobile** •
Rentals and Sales



2214 HWY. 1187 BLDG. 1
Mansfield, TX 76063
817-225-1090

"Your Turnkey Crane and Hoist Provider"

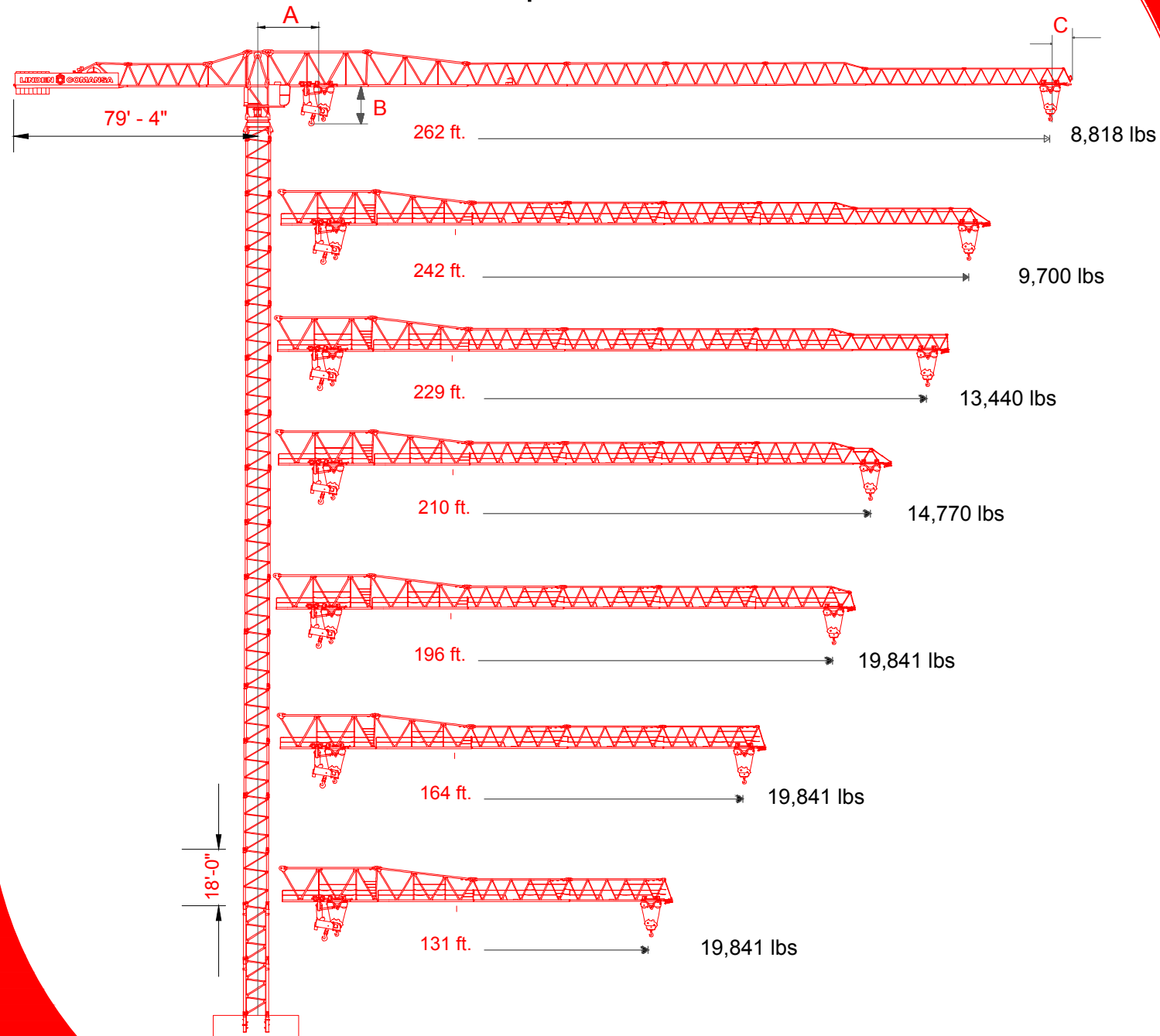


COMANSA - LC550
Topless Tower Crane





Topless Tower Crane



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'-9"

Line Speeds and Power Requirements
COMANSA LC550

Hoist Unit
87 hp (65kW)

3 - Part Line	Line Speed	Capacity
	144 ft/min 43.9 m/min	19,841 lbs 9t
19,850 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
	72 ft/min 21.98 m/min	38,680 lbs 18t
39,690 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	4 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

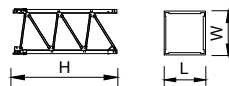
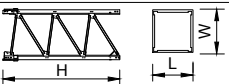
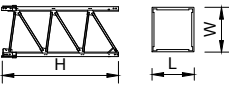
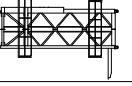
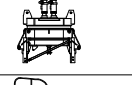
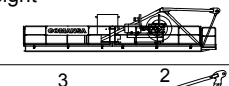
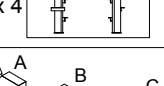
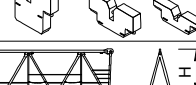
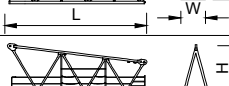
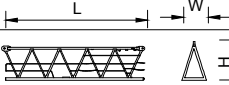
- Moritsch Tower Cranes
- Comedil Tower Cranes
- Peiner Tower Cranes
- Sun Tower Cranes
- Comansa Tower Cranes
- Timberland Derricks
- Hardrock Elevators
- Hercules Elevators
- Specialized Rigging
- Technical Services
- Third Party Inspections
- Parts and Repair Services
- Erection and Dismantlement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

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

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

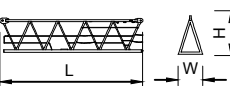
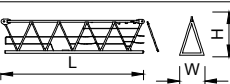
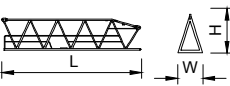
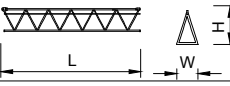
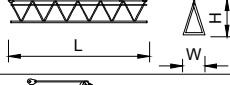
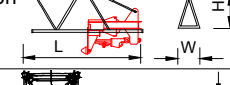
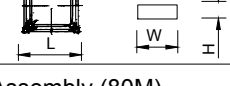
2214 FM 1187, SUITE 1
MANSFIELD, TX 76063
OFFICE: 817-225-1090 FAX: 817-225-1095

WWW.LEWISCRANEANDHOIST.COM

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 D34 	8'7" x 8'7" x 18'0" 2.6m x 2.6m x 5.4m	8,160 lbs 3,701 kg
Mast Section TD34 	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 	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 Fm215 Fm218 	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 ① AM299 	34'2" x 4'7" x 12'6" 10.4m x 1.4m x 3.7m	15,562 lbs 7,099 kg
Jib Section ② Am298 	34'1" x 4'7" x 12'1" 10.3m x 1.4m x 3.6m	12,120 lbs 5,524 kg
Jib Section ③ AM282A 	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 each components before lifting in to place.

- 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
- Counter - weight deck includes wire-rope

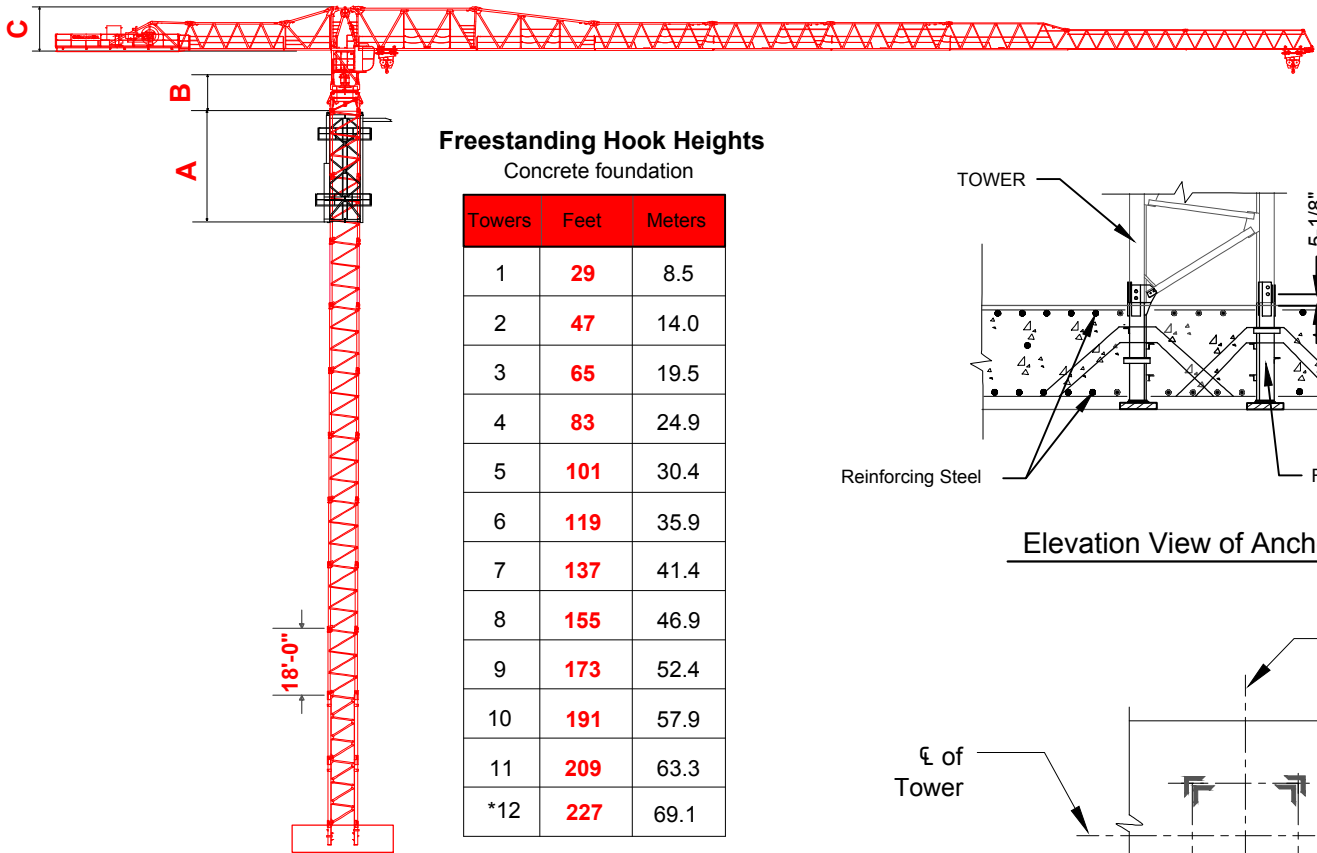
DESCRIPTION	DIMENSION L x W x H	WEIGHT
Jib Section ④ AM272A 	33'9" x 4'7" x 7'10" 10.3m x 1.4m x 2.4m	9,480 lbs 4,300 kg
Jib Section ⑤ AM262A 	33'8" x 4'7" x 7'10" 10.2m x 1.4m x 2.4m	7,930 lbs 3,596 kg
Jib Section ⑥ AM250A 	33'7" x 4'7" x 7'9" 10.2m x 1.4m x 2.74m	5,090 lbs 2,308 kg
Jib Section ⑦ AM230 	33'6" x 4'7" x 5'7" 10.2m x 1.4m x 1.7m	2,890 lbs 1,310 kg
Jib Section ⑨ AM220 	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 ⑧ AM244 	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) ①②③④⑤⑥⑦⑨	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) ①②③④⑤⑥⑦⑧	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) ①②③④⑤⑥⑦	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) ①②③④⑤⑥⑧	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) ①②③④⑤⑥	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) ①②③④⑤	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) ①②③④	131' x 4'7" x 12'1" 39.9m x 1.4m x 3.6m	40,220 lbs 18,243 kg

Radius and capacity (feet and pounds)	2-Part - line										ft
Hook Radius	111	131	144	164	177	197	210	230	242	262	
											lbs
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			
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							

Radius and capacity (feet and pounds)	4-Part - line										ft
Hook Radius	101	134	142	161	174	194	207	226	240	262	
											lbs
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			
164 FT		39,670 lbs - 96'- 0"	39,098	28,582	26,389	23,148					
131 FT		39,670 lbs - 96'- 0"	39,142								

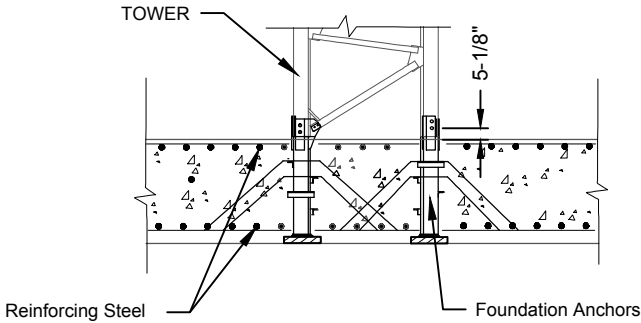
Radius and capacity (meter and tons)	2-Part - line										m
Hook Radius	34	40	44	50	54	60	64	70	74	80	
											t
80m		9t - 36.8m	9.0	8.6	7.8	6.7	6.2	5.5	5.1	4.6	4.3
74m		9t - 32.9m	9.0	8.7	7.8	6.8	6.2	5.5	5.1	4.6	4.3
70m		9t - 79.8m	9.0	9.0	9.0	8.8	8.1	7.2	6.7	6.0	
64m		9t - 40.9m	9.0	9.0	8.4	8.7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

Radius and capacity (meter and tons)	4-Part - line										m
Hook Radius	30	39	43	49	53	59	63	69	73	79	
											t
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			
50m		18t - 23m	18.0	14.2	13.1	11.5					
40m		18t - 23.9m	18.0	15.0							

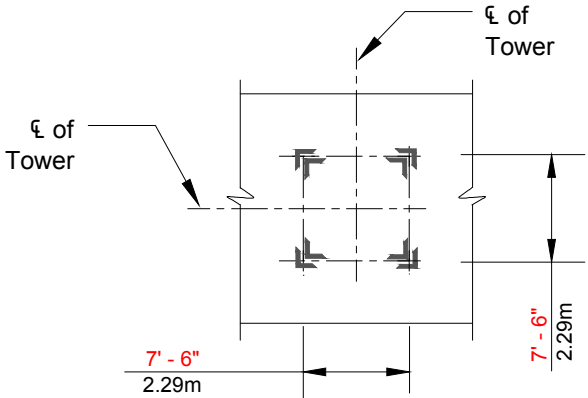


For greater freestanding heights or hook heights contact Lewis Crane and Hoist
* Denotes big tower underneath to accomplish heights
Note:
Hook heights may be limited by geographic location

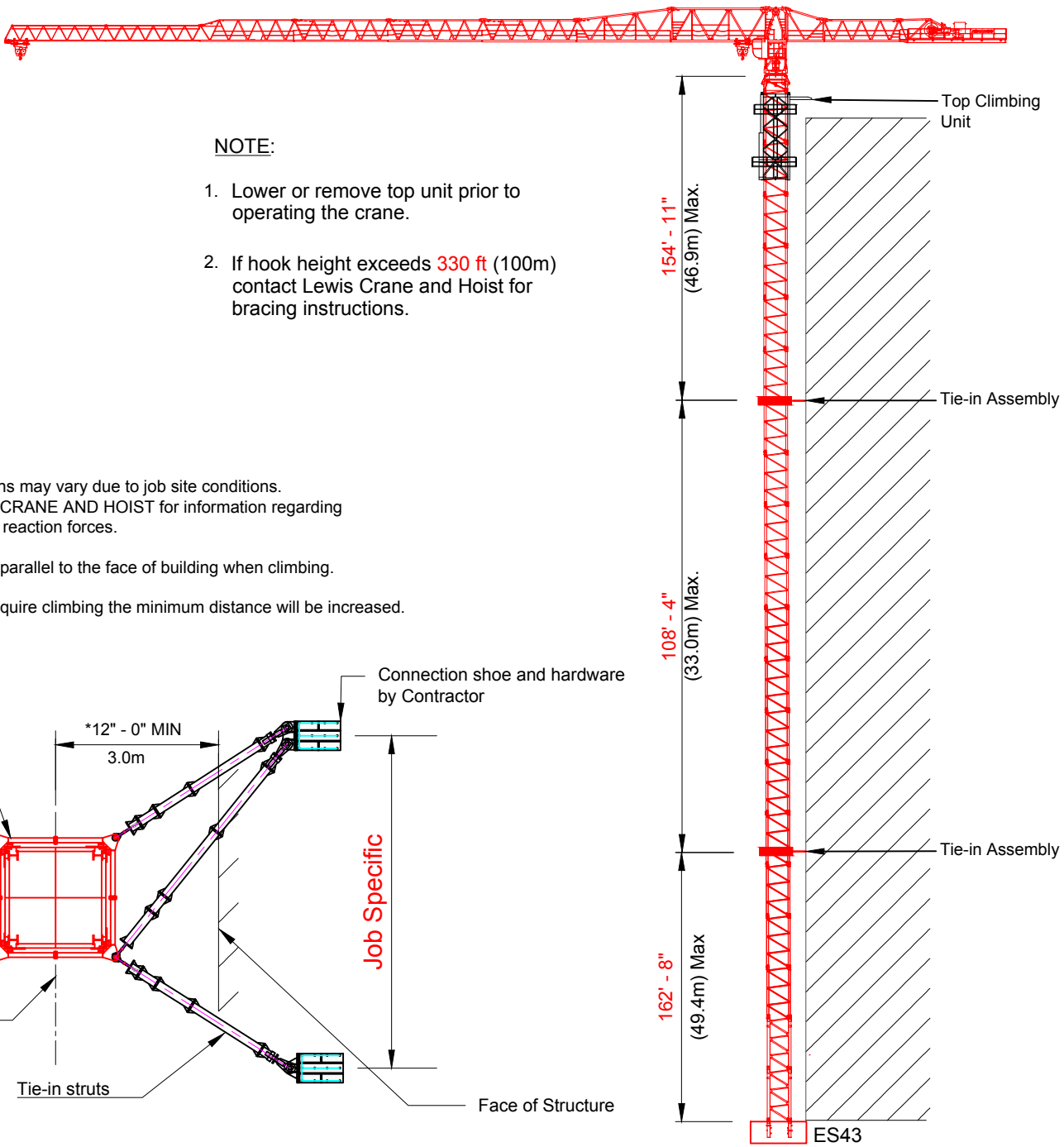
A = Height of telescoping unit 30'-8" (9.3m)
B = Height of complete slewing unit 10'-3" (3.1m)
C = Height of jib section 12'-2" (3.7m)



Elevation View of Anchors



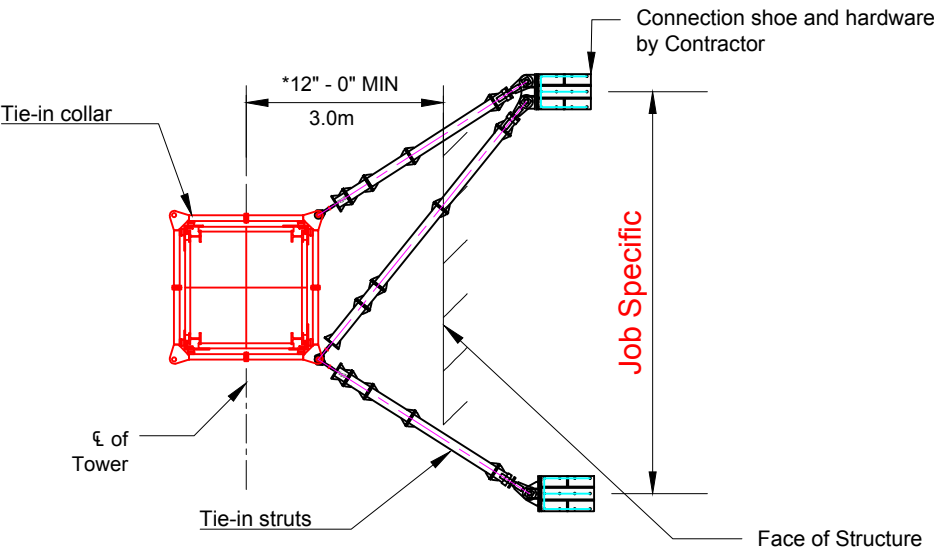
Plan View of Anchors



- NOTE:**
1. Lower or remove top unit prior to operating the crane.
 2. If hook height exceeds 330 ft (100m) contact Lewis Crane and Hoist for bracing instructions.

NOTE:
Tie-in installations may vary due to job site conditions.
Contact LEWIS CRANE AND HOIST for information regarding dimensions and reaction forces.

The jib must be parallel to the face of building when climbing.
*Projects that require climbing the minimum distance will be increased.



Tie-in Detail
Plan View

Top Climbing