



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



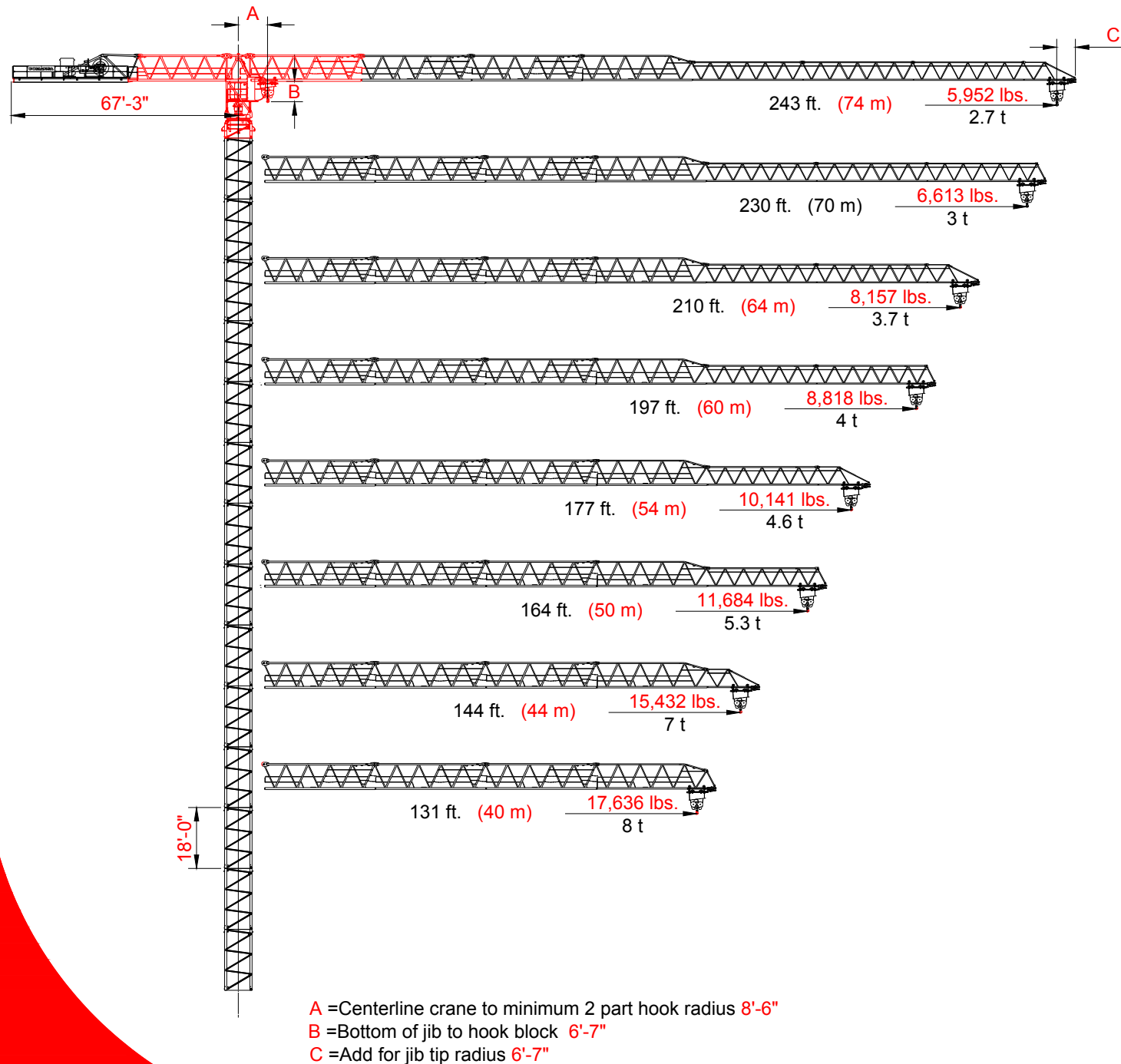
"Your Turnkey Crane and Hoist Provider"



COMANSA LC290
Topless Tower Crane



Topless Tower Crane



Line Speeds and Power Requirements

Power Requirements

87 hp (65 kW)

2 - Part Line	Line Speed	Capacity
19,850 lbs. 9 t	196 ft/min 59.7 m/min	6,610 lbs. 3 t
	328 ft/min 100 m/min	13,225 lbs. 6 t
	459 ft/min 139.9 m/min	19,840 lbs. 9 t

4 - Part Line	Line Speed	Capacity
39,680 lbs. 18 t	98 ft/min 29.9 m/min	13,225 lbs. 6 t
	164 ft/min 50 m/min	26,450 lbs. 12 t
	229 ft/min 69.8 m/min	39,680 lbs. 18 t

Unit	Kilowatts	Speed
TROLLEY	10	7.5
SWING	3 x 10 hp	3 x 7.5

Power Requirements

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

Additional Equipment and Services Available

Comedil Tower Cranes
Peiner Tower Cranes
Sun Tower Cranes
Comansa Tower Cranes
Timberland Derricks
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

513 THOMPSON LN.
AUSTIN, TX 78742

OFFICE: 817-225-1090

FAX: 817-225-1095

OFFICE: 817-789-2007

FAX: 817-225-1095

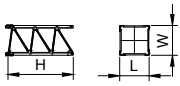
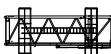
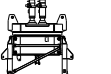
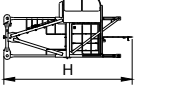
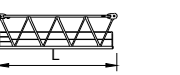
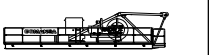
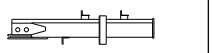
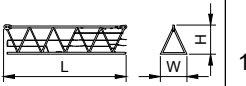
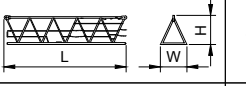
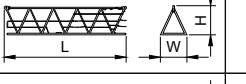
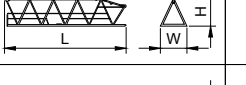
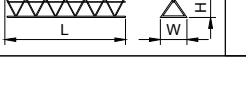
WWW.LEWISCRANEANDHOIST.COM

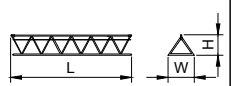
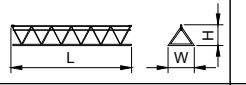
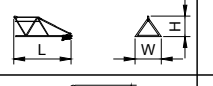
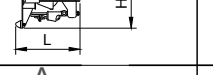
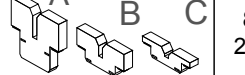
Crane Component List

COMANSA LC290

Radius and Capacities

COMANSA LC290

DESCRIPTION	DIMENSION L x W x H	WEIGHT
Tower Section S35 	8.7'x8.7'x18' 2.6mx2.6mx5.4m	8,160 lbs. 3,701 kg
Climbing Unit w/ Platform 	8.7'x8.7'x30.18' 2.6mx2.6mx9.2m	26,510 lbs. 12,024 kg
Turntable SM218/S35 	10'x10'x10.3' 3mx3mx3.1m	19,620 lbs. 8,899 kg
Cathead SM218 	8.20'x5.25'x22' 2.5mx1.6mx6.7m	11,025 lbs. 5,000 kg
Counterdeck FM215 	8.20'x5.68'x27.43' 2.5mx1.7mx8.4m	7,210 lbs. 3,270 kg
Counterdeck BM215 EFU4-65-45 	8.43'x7.22'x37.83' 2.5mx2.2mx11.5m	24,691 lbs. 11,200 kg
Hook Block 	8.20'x5.4'x7.5' 2.5mx1.6mx2.2m	2,380 lbs. 1,080 kg
Anchors (4x) PD3-2 	8.2'x5.25'x22' 2.5mx1.6mx6.7m	610 lbs. 276 kg
AM282A Jib Section ① 	33.9'x4.6'x8.1' 10.3mx1.4mx2.46m	10,690 lbs. 4,849 kg
AM272A Jib Section ② 	33.8'x4.6'x7.9' 10.3mx1.4mx2.4m	9,480 lbs. 4,300 kg
AM262A Jib Section ③ 	33.7'x4.6'x7.9' 10.3mx1.4mx2.4m	7,930lbs. 3,597kg
AM250A Jib Section ④ 	33.6'x4.6'x7.8' 10.2mx1.4mx2.4m	5,090 lbs. 2,309 kg
AM240 Jib Section ⑤ 	33.6'x4.6'x5.8' 10.2mx1.4mx1.7m	3,770 lbs. 1,529 kg

DESCRIPTION	DIMENSION L x W x H	WEIGHT
AM230 Jib Section ⑥ 	33.5'x4.6'x5.7' 10.2mx1.4mx1.7m	2,890 lbs. 1,310 kg
AM220 Jib Section ⑦ 	33.1'x4.6'x5.7' 10mx1.4mx1.7m	2,050 lbs. 930 kg
AM244 Jib Section ⑧ 	13.7'x4.6'x5.7' 4.2mx1.4mx1.7m	660 lbs. 299 kg
JE211 Jib Tip ⑧ 	2.6'x4.6'x2' 0.8mx1.4mx0.6m	210 lbs. 95 kg
Counterweights A B C 	8.13'x1.25'x7.45' 2.5m x0.4m x2.2m	A- 8,818 B- 4,409 C- 2,204
243 ft. Jib Assembly (74m) ①②③④⑤⑥⑦⑧ + Tip	242'X4.6'x8.1' 73mx1.4m x2.46m	44,015 lbs 19,965 kg
230 ft. Jib Assembly (70m) ①②③④⑤⑥⑦ + Tip	230'x.4.6'x8.1' 70mx1.4m x2.46m	43,355 lbs 19,665 kg
210 ft. Jib Assembly (64m) ①②③④⑤⑥⑧ + Tip	210'x.4.6'x8.1' 64mx1.4m x2.46m	41,965 lbs 19,035 kg
197 ft. Jib Assembly (60m) ①②③④⑤⑥ + Tip	197'x4.6'x8.1' 60mx1.4m x2.46m	41,305 lbs 18,735 kg
177 ft. Jib Assembly (54m) ①②③④⑤⑧ + Tip	177"x4.6'x8.1' 54mx1.4m x2.46m	39,075 lbs 17,724 kg
164 ft. Jib Assembly (50m) ①②③④⑤ + Tip	164'x4.6'x8.1' 50mx1.4m x2.46m	38,415 lbs 17,425 kg
144 ft. Jib Assembly (44m) ①②③④⑧ + Tip	144'x4.6'x8.1' 44mx1.4m x2.46m	35,305 lbs 16,014 kg
131 ft. Jib Assembly (40m) ①②③④ + Tip	131'x4.6'x8.1' 40'mx1.4m x2.46m	34,645 lbs 15,715 kg

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

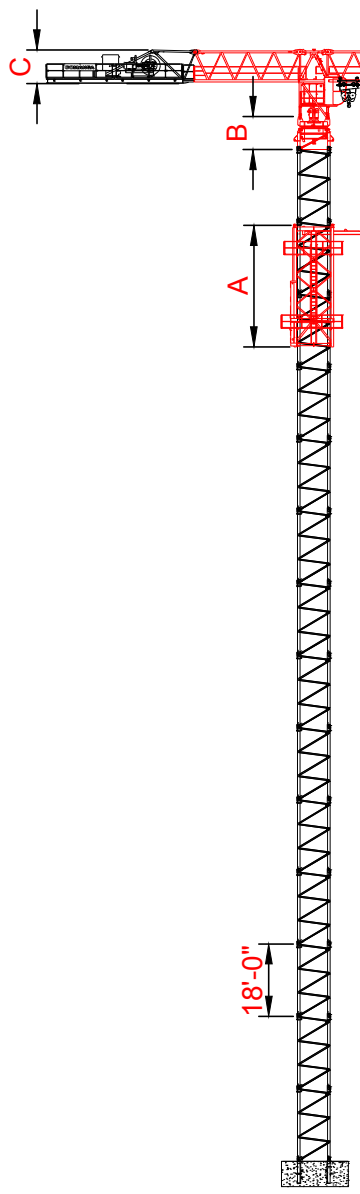
- 1. Jib assembly doesn't include trolley, pulley support and load block
- 2. Counter-Jib excludes wire rope and auxiliary-jib
- 3. Turntable complete does not include platform
- 4. Cathead includes cabin, tails, platform and ladder
- 5. Telescoping cage does not include platform, ladder and hydraulic pump

Radius and capacity (meter and tons)		2-Part - line ft									
Hook Radius		98	111	131	134	160	177	196	209	229	242
		lbs.									
242 ft	19,841 lbs - 82 ft	16,887	14,682	12,224	11,893	9,700	8,664	7,660	7,098	6,371	5,952
229 ft	19,841 lbs - 85 ft	17,460	15,189	12,665	12,312	10,052	8,983	7,947	7,363	6,613	
210 ft	19,841 lbs - 95 ft	19,191	16,710	13,944	13,569	11,100	9,931	8,796	8,157		
197 ft	19,841 lbs - 95 ft	19,202	16,721	13,966	13,580	11,122	9,953	8,818			
177 ft	19,841 lbs - 95 ft	19,543	17,030	14,219	13,833	11,320	10,141				
164 ft	19,841 lbs - 101 ft	19,841	17,945	14,991	14,583	11,948					
144 ft	19,841 lbs - 115 ft	19,841	19,841	17,140	16,677						
131 ft	19,841 lbs - 115 ft	19,841	19,841	17,636							

Radius and capacity (meter and tons)		4-Part - line ft									
Hook Radius		96	109	128	144	164	177	197	209	227	240
		lbs.									
242 ft	39,682 lbs - 46 ft	16,534	14,175	11,783	10,383	8,730	7,837	6,724	6,106	5,302	4,850
229 ft	39,682 lbs - 46 ft	17,019	14,594	12,147	10,714	9,016	8,101	6,966	6,327	5,511	
210 ft	39,682 lbs - 49 ft	18,584	15,972	13,326	11,783	9,953	8,972	7,738	7,054		
197 ft	39,682 lbs - 49 ft	18,452	15,862	13,249	11,717	9,909	8,928	7,761			
177 ft	39,682 lbs - 49 ft	18,650	16,038	13,392	11,860	10,030	9,038				
164 ft	39,682 lbs - 52 ft	19,576	16,854	14,098	12,489	10,582					
144 ft	39,682 lbs - 59 ft	22,266	19,213	16,126	14,329						
131 ft	39,682 lbs - 59 ft	22,806	19,687	16,534							

Radius and capacity (meter and tons)		2-Part - line m									
Hook Radius		30	34	40	44	50	54	60	64	70	74
		t									
74 m	9 t - 26 m	7.66	6.65	5.54	5.39	4.4	3.93	3.47	3.22	2.89	2.7
70 m	9 t - 25 m	7.92	6.89	5.74	5.58	4.56	4.07	3.6	3.34	3	
64 m	9 t - 25 m	8.7	7.58	6.32	6.15	5.03	4.5	3.99	3.7		
60 m	9 t - 29 m	8.71	7.58	6.33	6.16	50.4	4.51	4			
54 m	9 t - 29 m	8.86	7.72	6.44	6.27	5.13	4.6				
50 m	9 t - 31 m	9	8.14	6.8	6.61	5.42					
44 m	9 t - 35 m	9	9	7.77	7.56						
40 m	9 t - 35 m	9	9	8							

Radius and capacity (meter and tons)		4-Part - line m									
Hook Radius		30	34	40	44	50	54	60	64	70	74
		t									
74 m	18 t - 15.1 m	7.5	6.43	5.34	4.71	3.96	3.55	3.05	2.77	2.4	2.2
70 m	18 t - 15.5 m	7.72	6.62	5.51	4.86	4.09	3.67	3.16	2.87	2.5	
64 m	18 t - 16.7 m	8.43	7.24	6.04	5.34	4.51	4.07	3.51	3.2		
60 m	18 t - 16.7 m	8.37	7.19	6.01	5.31	4.49	4.05	3.52			
54 m	18 t - 16.9 m	8.46	7.27	6.07	5.38	4.55	4.1				
50 m	18 t - 17.6 m	8.88	7.64	6.39	5.66	4.8					
44 m	18 t - 19.6 m	10.1	8.7	7.3	6.5						
40 m	18 t - 20 m	10.34	8.93	7.5							



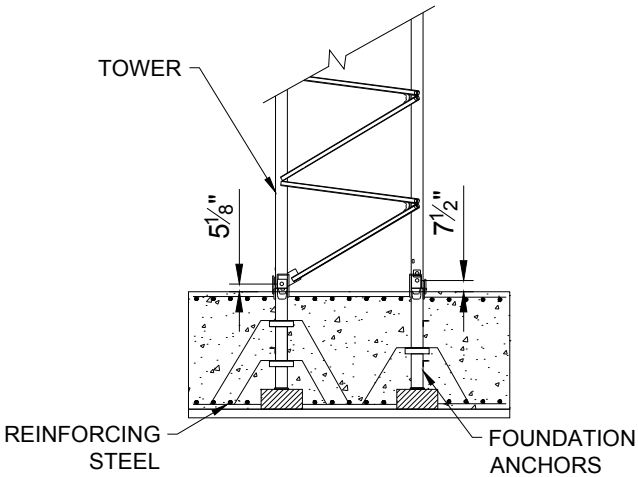
Freestanding Hook Heights on Concrete Foundation

Towers	Feet	Meters
1	26.5	8.1
2	44.6	13.6
3	62.6	20.9
4	80.7	26.4
5	98.7	31.9
6	116.7	37.4
7	134.8	42.9
8	152.8	48.4
9	170.9	53.9
10	188.9	59.4
11	207	64.9
12	225	69.3

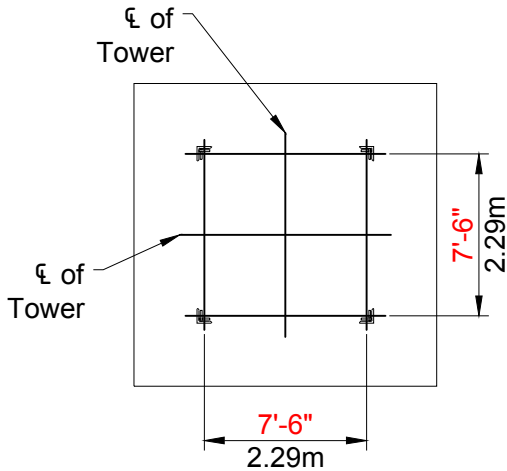
For greater freestanding heights or hook heights contact LEWIS CRANE AND HOIST

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 8'-1" 2.46m



Elevation View of Anchors

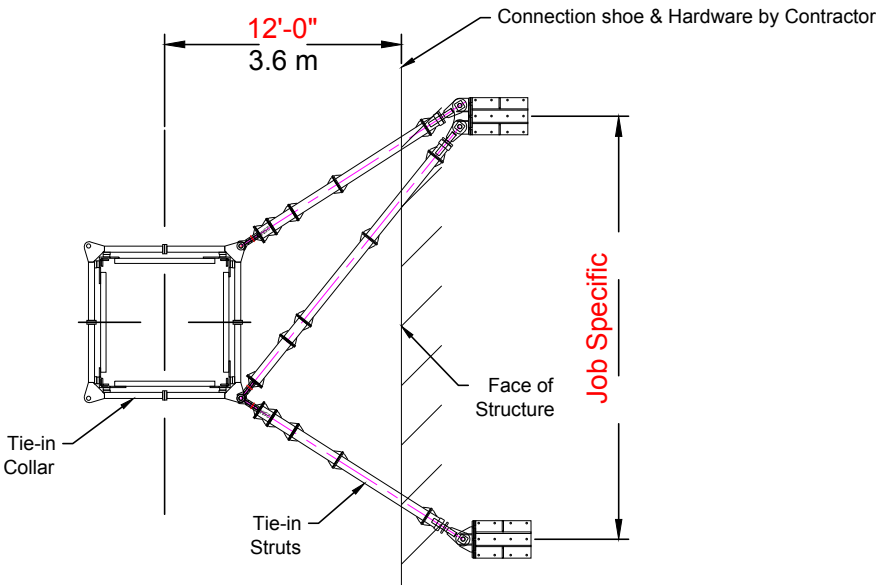


Plan View of Anchors

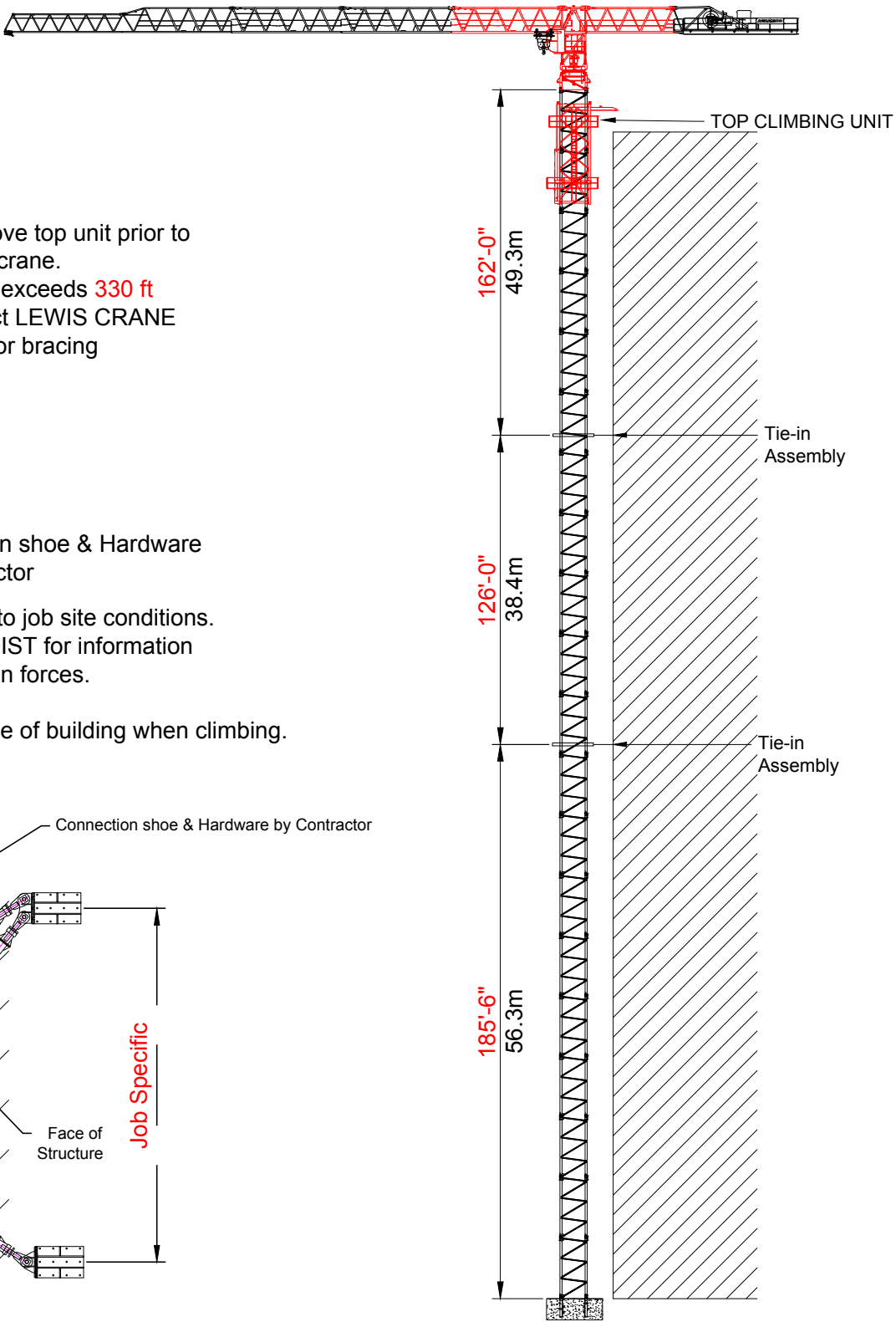
- NOTE:
1. Lower or remove top unit prior to operating the crane.
 2. If hook height exceeds 330 ft (100m) contact LEWIS CRANE AND HOIST for bracing instructions.

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.



Tie-in Detail Plan View



TOP CLIMBING