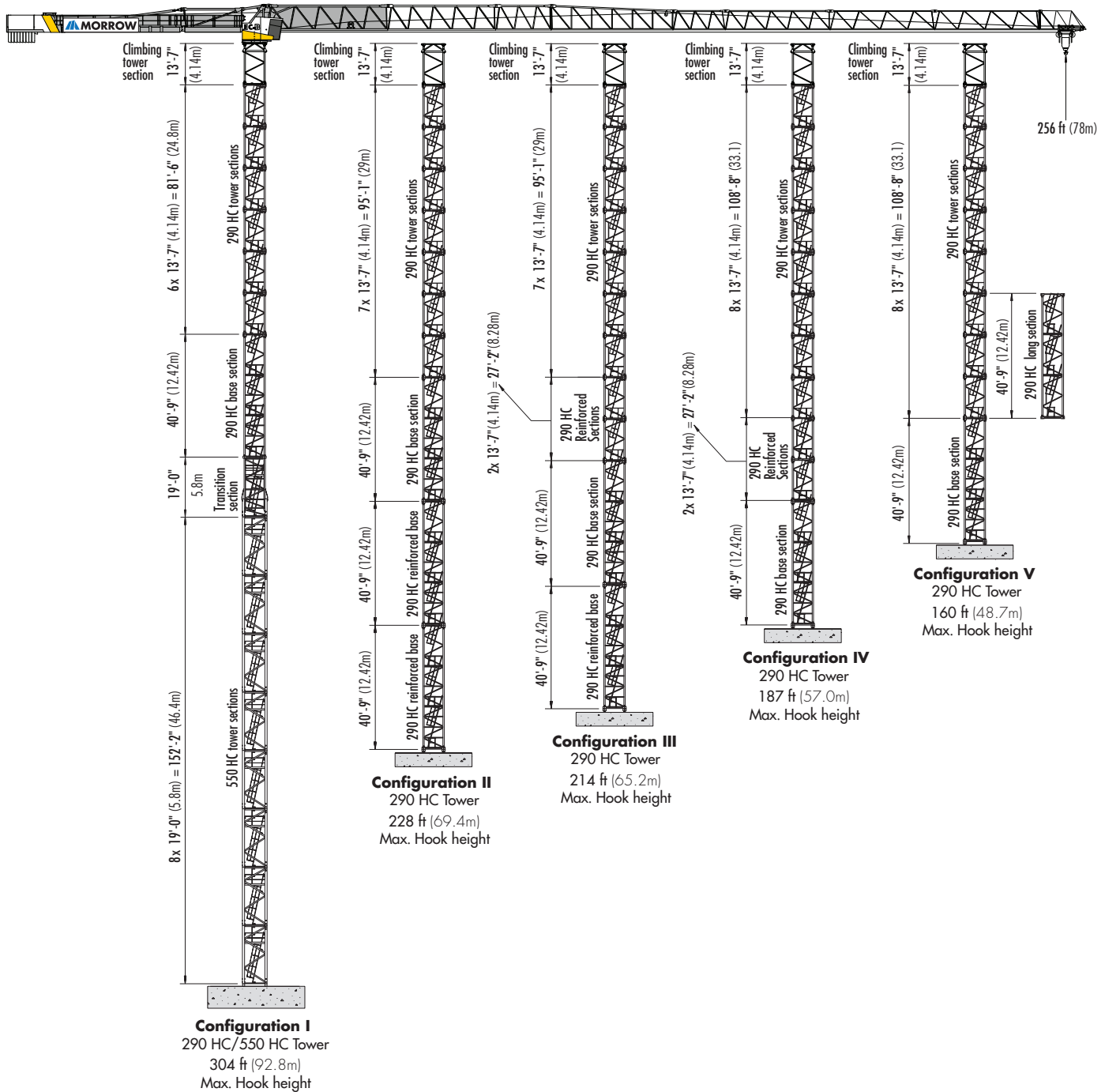
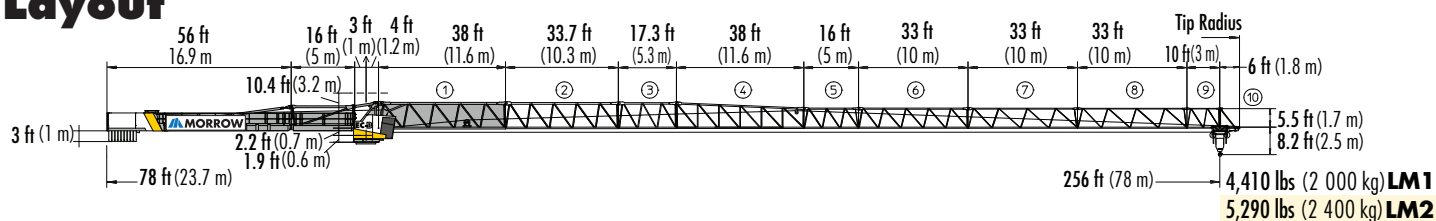


340 EC-B 12 Litronic[®]

LIEBHERR Flat-Top Tower Crane



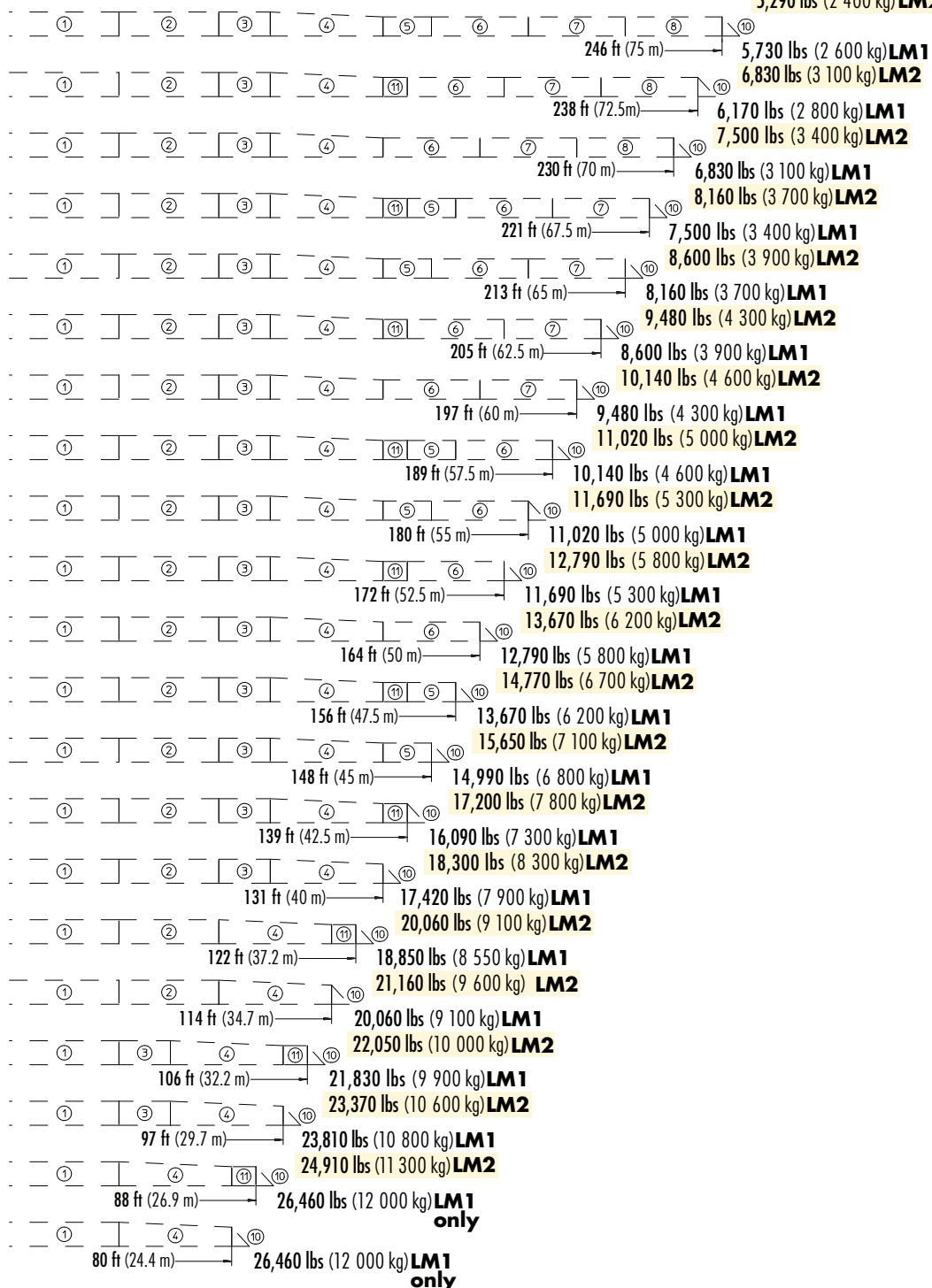
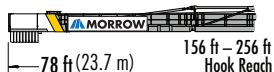
Jib Layout



Jib Erection Weights

Length	Weight**
256 ft (78.0 m)	35,650 lbs 16 170 kg
246 ft (75.0 m)	35,140 lbs 15 940 kg
238 ft (72.5 m)	34,520 lbs 15 660 kg
230 ft (70.0 m)	33,510 lbs 15 200 kg
221 ft (67.5 m)	34,770 lbs 15 770 kg
213 ft (65.0 m)	33,750 lbs 15 310 kg
205 ft (62.5 m)	33,140 lbs 15 030 kg
197 ft (60.0 m)	32,120 lbs 14 570 kg
189 ft (57.5 m)	32,800 lbs 14 880 kg
180 ft (55.0 m)	31,810 lbs 14 430 kg
172 ft (52.5 m)	31,170 lbs 14 140 kg
164 ft (50.0 m)	30,180 lbs 13 690 kg
156 ft (47.5 m)	30,090 lbs 13 650 kg
148 ft (45.0 m)	29,100 lbs 13 200 kg
139 ft (42.5 m)	28,460 lbs 12 910 kg
131 ft (40.0 m)	27,470 lbs 12 460 kg
122 ft (37.2 m)	25,970 lbs 11 780 kg
114 ft (34.7 m)	24,980 lbs 11 330 kg
106 ft (32.2 m)	22,620 lbs 10 260 kg
97 ft (29.7 m)	21,610 lbs 9 800 kg
88 ft (26.9 m)	20,130 lbs 9 130 kg
80 ft (24.4 m)	19,110 lbs 8 670 kg

****NOTE:** Weights are for complete jib assemblies including jib sections, trolley travel gear with rope, trolley and hook block assembly. Weights are approximate. Scale components before lifting.



Radius and Capacities

Hook Radius	Tip Radius	2-Part Line Max Capacity – Radius	ft m	80 24.4	88 26.9	97 29.7	106 32.2	114 34.7	122 37.2	131 40.0	139 42.5	148 45.0	156 47.5	164 50.0	172 52.5	180 55.0	189 57.5	197 60.0	205 62.5	213 65.0	221 67.5	230 70.0	238 72.5	246 75.0	256 78.0
256 ft 78.0 m	261 79.6	26,460 lbs – 61 ft 12 000 kg – 18.5 m	lbs kg	19,360 8 780	17,310 7 850	15,430 7 000	14,040 6 370	12,850 5 830	11,820 5 360	10,820 4 910	10,050 4 560	9,350 4 240	8,730 3 960	8,180 3 710	7,670 3 480	7,230 3 280	6,810 3 090	6,420 2 910	6,080 2 760	5,750 2 610	5,450 2 470	5,180 2 350	4,920 2 230	4,670 2 120	4,410 2 000
246 ft 75.0 m	251 76.6	26,460 lbs – 69 ft 12 000 kg – 21.0 m	lbs kg	22,420 10 170	20,110 9 120	17,990 8 160	16,400 7 440	15,060 6 830	13,890 6 300	12,740 5 780	11,860 5 380	11,070 5 020	10,380 4 710	9,740 4 420	9,170 4 160	8,640 3 920	8,180 3 710	7,740 3 510	7,340 3 330	6,970 3 160	6,610 3 000	6,310 2 860	6,020 2 730	5,730 2 600	
238 ft 72.5 m	243 74.1	26,460 lbs – 71 ft 12 000 kg – 21.5 m	lbs kg	22,990 10 430	20,610 9 350	18,450 8 370	16,820 7 630	15,430 7 000	14,240 6 460	13,070 5 930	12,170 5 520	11,350 5 150	10,630 4 820	9,990 4 530	9,390 4 260	8,860 4 020	8,380 3 800	7,940 3 600	7,520 3 410	7,140 3 240	6,790 3 080	6,480 2 940	6,170 2 800		
230 ft 70.0 m	235 71.6	26,460 lbs – 72 ft 12 000 kg – 22.0 m	lbs kg	23,660 10 730	21,280 9 650	19,070 8 650	17,420 7 900	16,030 7 270	14,790 6 710	13,600 6 170	12,680 5 750	11,860 5 380	11,110 5 040	10,450 4 740	9,860 4 470	9,300 4 220	8,800 3 990	8,330 3 780	7,920 3 590	7,540 3 420	7,170 3 250	6,830 3 100			
221 ft 67.5 m	227 69.1	26,460 lbs – 74 ft 12 000 kg – 22.5 m	lbs kg	24,270 11 010	21,870 9 920	19,640 8 910	17,970 8 150	16,540 7 500	15,300 6 940	14,090 6 390	13,140 5 960	12,300 5 580	11,550 5 240	10,870 4 930	10,250 4 650	9,680 4 390	9,170 4 160	8,710 3 950	8,270 3 750	7,870 3 570	7,500 3 400				
213 ft 65.0 m	219 66.6	26,460 lbs – 75 ft 12 000 kg – 23.0 m	lbs kg	24,870 11 280	22,420 10 170	20,170 9 150	18,480 8 380	17,020 7 720	15,760 7 150	14,530 6 590	13,560 6 150	12,700 5 760	11,930 5 410	11,220 5 090	10,600 4 810	10,030 4 550	9,500 4 310	9,020 4 090	8,580 3 890	8,160 3 700					
205 ft 62.5 m	210 64.1	26,460 lbs – 77 ft 12 000 kg – 23.5 m	lbs kg	25,400 11 520	22,860 10 370	20,500 9 300	18,740 8 500	17,240 7 820	15,940 7 230	14,660 6 650	13,690 6 210	12,810 5 810	12,020 5 450	11,310 5 130	10,650 4 830	10,080 4 570	9,550 4 330	9,040 4 100	8,600 3 900						
197 ft 60.0 m	202 61.6	26,460 lbs – 79 ft 12 000 kg – 24.0 m	lbs kg	25,990 11 790	23,460 10 640	21,100 9 570	19,340 8 770	17,810 8 080	16,510 7 490	15,210 6 900	14,220 6 450	13,320 6 040	12,520 5 680	11,800 5 350	11,130 5 050	10,540 4 780	9,990 4 530	9,480 4 300							
189 ft 57.5 m	194 59.1	26,460 lbs – 80 ft 12 000 kg – 24.5 m	lbs kg	26,460 12 000	23,940 10 860	21,520 9 760	19,760 8 940	18,140 8 230	16,800 7 620	15,500 7 030	14,460 6 560	13,540 6 140	12,720 5 770	11,970 5 430	11,310 5 130	10,690 4 850	10,140 4 600								
180 ft 55.0 m	186 56.6	26,460 lbs – 82 ft 12 000 kg – 25.0 m	lbs kg	26,460 12 000	24,490 11 110	22,020 9 990	20,190 9 160	18,610 8 440	17,240 7 820	15,900 7 210	14,860 6 740	13,910 6 310	13,100 5 940	12,320 5 590	11,640 5 280	11,020 5 000									
172 ft 52.5 m	177 54.1	26,460 lbs – 84 ft 12 000 kg – 25.5 m	lbs kg	26,460 12 000	24,960 11 320	22,400 10 160	20,480 9 290	18,850 8 550	17,420 7 900	16,050 7 280	14,970 6 790	14,000 6 350	13,160 5 970	12,390 5 620	11,690 5 300										
164 ft 50.0 m	169 51.6	26,460 lbs – 85 ft 12 000 kg – 26.0 m	lbs kg	26,460 12 000	25,510 11 570	22,930 10 400	20,990 9 520	19,340 8 770	17,900 8 120	16,510 7 490	15,410 6 990	14,440 6 550	13,580 6 160	12,790 5 800											
156 ft 47.5 m	161 49.1	26,460 lbs – 85 ft 12 000 kg – 26.0 m	lbs kg	26,460 12 000	25,530 11 580	22,970 10 420	21,050 9 550	19,420 8 810	17,990 8 160	16,600 7 530	15,500 7 030	14,530 6 590	13,670 6 200												
148 ft 45.0 m	153 46.6	26,460 lbs – 87 ft 12 000 kg – 26.5 m	lbs kg	26,460 12 000	26,060 11 820	23,500 10 660	21,580 9 790	19,930 9 040	18,480 8 380	17,090 7 750	15,980 7 250	14,990 6 800													
139 ft 42.5 m	145 44.1	26,460 lbs – 87 ft 12 000 kg – 26.5 m	lbs kg	26,460 12 000	26,060 11 820	23,550 10 680	21,650 9 820	20,020 9 080	18,590 8 430	17,200 7 800	16,090 7 300														
131 ft 40.0 m	136 41.6	26,460 lbs – 89 ft 12 000 kg – 27.0 m	lbs kg	26,460 12 000	26,460 12 000	23,960 10 870	22,000 9 980	20,310 9 210	18,850 8 550	17,420 7 900															
122 ft 37.2 m	127 38.8	26,460 lbs – 89 ft 12 000 kg – 27.0 m	lbs kg	26,460 12 000	26,460 12 000	23,960 10 870	22,000 9 980	20,330 9 220	18,850 8 550																
114 ft 34.7 m	119 36.3	26,460 lbs – 89 ft 12 000 kg – 27.0 m	lbs kg	26,460 12 000	26,460 12 000	23,830 10 810	21,800 9 890	20,060 9 100																	
106 ft 32.2 m	111 33.8	26,460 lbs – 89 ft 12 000 kg – 27.0 m	lbs kg	26,460 12 000	26,460 12 000	23,850 10 820	21,830 9 900																		
97 ft 29.7 m	103 31.3	26,460 lbs – 89 ft 12 000 kg – 27.0 m	lbs kg	26,460 12 000	26,460 12 000	23,810 10 800																			
88 ft 26.9 m	94 28.5	26,460 lbs – 88 ft 12 000 kg – 26.9 m	lbs kg	26,460 12 000	26,460 12 000																				
80 ft 24.4 m	85 26.0	26,460 lbs – 80 ft 12 000 kg – 24.4 m	lbs kg	26,460 12 000																					

LM1
Standard mode

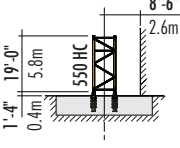
LIEBHERR 340 EC-B 12 Litronic®

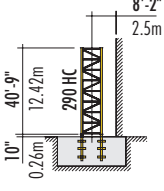
Hook Radius	Tip Radius	2-Part Line Max Capacity – Radius	ft m	80 24.4	88 26.9	97 29.7	106 32.2	114 34.7	122 37.2	131 40.0	139 42.5	148 45.0	156 47.5	164 50.0	172 52.5	180 55.0	189 57.5	197 60.0	205 62.5	213 65.0	221 67.5	230 70.0	238 72.5	246 75.0	256 78.0
256 ft 78.0 m	261 79.6	26,460 lbs – 64 ft 12 000 kg – 19.5 m	lbs kg	20,990 9 520	18,940 8 590	17,020 7 720	15,590 7 070	14,350 6 510	13,270 6 020	12,210 5 540	11,400 5 170	10,670 4 840	10,010 4 540	9,410 4 270	8,860 4 020	8,380 3 800	7,920 3 590	7,500 3 400	7,120 3 230	6,770 3 070	6,440 2 920	6,130 2 780	5,860 2 660	5,580 2 530	5,290 2 400
246 ft 75.0 m	251 76.6	26,460 lbs – 72 ft 12 000 kg – 22.0 m	lbs kg	23,900 10 840	21,670 9 830	19,600 8 890	18,030 8 180	16,670 7 560	15,480 7 020	14,310 6 490	13,380 6 070	12,570 5 700	11,820 5 360	11,160 5 060	10,540 4 780	9,990 4 530	9,480 4 300	9,020 4 090	8,580 3 890	8,180 3 710	7,800 3 540	7,450 3 380	7,140 3 240	6,830 3 100	
238 ft 72.5 m	243 74.1	26,460 lbs – 74 ft 12 000 kg – 22.5 m	lbs kg	24,470 11 100	22,270 10 100	20,170 9 150	18,590 8 430	17,220 7 810	16,010 7 260	14,840 6 730	13,890 6 300	13,050 5 920	12,300 5 580	11,620 5 270	11,000 4 990	10,430 4 730	9,900 4 490	9,410 4 270	8,970 4 070	8,580 3 890	8,180 3 710	7,830 3 550	7,500 3 400		
230 ft 70.0 m	235 71.6	26,460 lbs – 75 ft 12 000 kg – 23.0 m	lbs kg	25,020 11 350	22,800 10 340	20,700 9 390	19,110 8 670	17,730 8 040	16,490 7 480	15,300 6 940	14,350 6 510	13,490 6 120	12,720 5 770	12,040 5 460	11,400 5 170	10,830 4 910	10,270 4 660	9,790 4 440	9,330 4 230	8,910 4 040	8,530 3 870	8,160 3 700			
221 ft 67.5 m	227 69.1	26,460 lbs – 77 ft 12 000 kg – 23.5 m	lbs kg	25,530 11 580	23,220 10 530	21,050 9 550	19,400 8 800	17,990 8 160	16,730 7 590	15,500 7 030	14,530 6 590	13,670 6 200	12,880 5 840	12,170 5 520	11,510 5 220	10,940 4 960	10,380 4 710	9,880 4 480	9,410 4 270	9,000 4 080	8,600 3 900				
213 ft 65.0 m	219 66.6	26,460 lbs – 79 ft 12 000 kg – 24.0 m	lbs kg	26,060 11 820	23,790 10 790	21,650 9 820	20,020 9 080	18,590 8 430	17,330 7 860	16,090 7 300	15,120 6 860	14,240 6 460	13,450 6 100	12,720 5 770	12,060 5 470	11,460 5 200	10,910 4 950	10,380 4 710	9,920 4 500	9,480 4 300					
205 ft 62.5 m	210 64.1	26,460 lbs – 80 ft 12 000 kg – 24.5 m	lbs kg	26,460 12 000	24,250 11 000	22,070 10 010	20,420 9 260	18,960 8 600	17,680 8 020	16,420 7 450	15,430 7 000	14,530 6 590	13,740 6 230	12,990 5 890	12,320 5 590	11,710 5 310	11,130 5 050	10,630 4 820	10,140 4 600						
197 ft 60.0 m	202 61.6	26,460 lbs – 82 ft 12 000 kg – 25.0 m	lbs kg	26,460 12 000	24,760 11 230	22,580 10 240	20,920 9 490	19,470 8 830	18,190 8 250	16,910 7 670	15,900 7 210	14,990 6 800	14,180 6 430	13,430 6 090	12,740 5 780	12,130 5 500	11,550 5 240	11,020 5 000							
189 ft 57.5 m	194 59.1	26,460 lbs – 84 ft 12 000 kg – 25.5 m	lbs kg	26,460 12 000	25,180 11 420	22,950 10 410	21,250 9 640	19,750 8 960	18,430 8 360	17,150 7 780	16,120 7 310	15,190 6 890	14,350 6 510	13,600 6 170	12,900 5 850	12,280 5 570	11,690 5 300								
180 ft 55.0 m	186 56.6	26,460 lbs – 85 ft 12 000 kg – 26.0 m	lbs kg	26,460 12 000	25,660 11 640	23,480 10 650	21,780 9 880	20,310 9 210	19,000 8 620	17,700 8 030	16,670 7 560	15,740 7 140	14,900 6 760	14,130 6 410	13,430 6 090	12,790 5 800									
172 ft 52.5 m	177 54.1	26,460 lbs – 87 ft 12 000 kg – 26.5 m	lbs kg	26,460 12 000	26,100 11 840	23,880 10 830	22,160 10 050	20,660 9 370	19,340 8 770	18,010 8 170	16,950 7 690	16,010 7 260	15,170 6 880	14,370 6 520	13,670 6 200										
164 ft 50.0 m	169 51.6	26,460 lbs – 89 ft 12 000 kg – 27.0 m	lbs kg	26,460 12 000	26,460 12 000	24,320 11 030	22,600 10 250	21,100 9 570	19,750 8 960	18,430 8 360	17,370 7 880	16,420 7 450	15,570 7 060	14,770 6 700											
156 ft 47.5 m	161 49.1	26,460 lbs – 89 ft 12 000 kg – 27.0 m	lbs kg	26,460 12 000	26,460 12 000	24,340 11 040	22,640 10 270	21,140 9 590	19,820 8 990	18,520 8 400	17,460 7 920	16,510 7 490	15,650 7 100												
148 ft 45.0 m	153 46.6	26,460 lbs – 90 ft 12 000 kg – 27.5 m	lbs kg	26,460 12 000	26,460 12 000	24,850 11 270	23,190 10 520	21,760 9 870	20,460 9 280	19,180 8 700	18,140 8 230	17,200 7 800													
139 ft 42.5 m	145 44.1	26,460 lbs – 90 ft 12 000 kg – 27.5 m	lbs kg	26,460 12 000	26,460 12 000	24,870 11 280	23,280 10 560	21,870 9 920	20,590 9 340	19,310 8 760	18,300 8 300														
131 ft 40.0 m	136 41.6	26,460 lbs – 92 ft 12 000 kg – 28.0 m	lbs kg	26,460 12 000	26,460 12 000	25,330 11 490	23,830 10 810	22,490 10 200	21,300 9 660	20,060 9 100															
122 ft 37.2 m	127 38.8	26,460 lbs – 92 ft 12 000 kg – 28.0 m	lbs kg	26,460 12 000	26,460 12 000	25,310 11 480	23,770 10 780	22,400 10 160	21,160 9 600																
114 ft 34.7 m	119 36.3	26,460 lbs – 92 ft 12 000 kg – 28.0 m	lbs kg	26,460 12 000	26,460 12 000	25,200 11 430	23,520 10 670	22,050 10 000																	
106 ft 32.2 m	111 33.8	26,460 lbs – 92 ft 12 000 kg – 28.0 m	lbs kg	26,460 12 000	26,460 12 000	25,130 11 400	23,370 10 600																		
97 ft 29.7 m	103 31.3	26,460 lbs – 92 ft 12 000 kg – 28.0 m	lbs kg	26,460 12 000	26,460 12 000	24,910 11 300																			
88 ft 26.9 m	94 28.5	26,460 lbs – 88 ft 12 000 kg – 26.9 m	lbs kg	26,460 12 000	26,460 12 000																				
80 ft 24.4 m	85 26.0	26,460 lbs – 80 ft 12 000 kg – 24.4 m	lbs kg	26,460 12 000																					

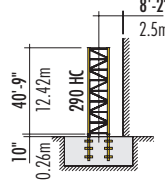
LM2
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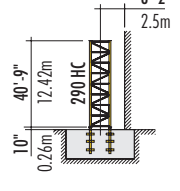
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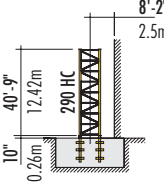
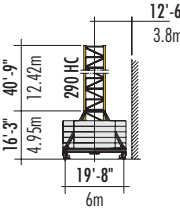
Hook Heights

Configuration I ¹			
550 HC and 290 HC tower sections on 19'-0" (5.8m) 550 HC standard tower section			
No. of Tower Elements	Tower Element Type	Static Concrete Footing	
		feet	meters
1	550HC STS	16	5.0
2	550HC STS	35	10.8
3	550HC STS	54	16.6
4	550HC STS	73	22.4
5	550HC STS	93	28.2
6	550HC STS	112	34.0
7	550HC STS	131	39.8
8	550HC STS	150	45.6
9	Transition	169	51.4
10	290HC BS	209	63.8
11	290HC STS	223	68.0
12	290HC STS	237	72.1
13	290HC STS	250	76.2
14	290HC STS	264	80.4
15	290HC STS	277	84.5
16	290HC STS	291	88.7
17	290HC CTS	304	92.8

Configuration II			
290 HC on 40'-9" (12.42m) reinforced base section			
No. of Tower Elements	Tower Element Type	Static Concrete Footing	
		feet	meters
1	290HC RBS	38	11.5
2	290HC RBS	51	15.6
3	290HC BS	92	28.0
4	290HC STS	138	40.4
5	290HC STS	146	44.6
6	290HC STS	160	48.7
7	290HC STS	173	52.8
8	290HC STS	187	57.0
9 ²	290HC STS	201	61.1
10 ²	290HC STS	214	65.3
11 ²	290HC CTS	228	69.4

Configuration III			
290 HC on 40'-9" (12.42m) reinforced base section			
No. of Tower Elements	Tower Element Type	Static Concrete Footing	
		feet	meters
1	290HC RBS	38	11.5
2	290HC BS	51	15.6
3	290HC RTS	92	27.9
4	290HC RTS	105	32.1
5	290HC STS	119	36.2
6	290HC STS	132	40.4
7	290HC STS	146	44.5
8	290HC STS	160	48.6
9	290HC STS	173	52.8
10 ²	290HC STS	187	56.9
11 ²	290HC STS	200	61.1
12 ²	290HC CTS	214	65.2

Configuration IV			
290 HC on 40'-9" (12.42m) standard base section			
No. of Tower Elements	Tower Element Type	Static Concrete Footing	
		feet	meters
1	290HC BS	38	11.5
2	290HC RTS	51	15.6
3	290HC RTS	65	19.7
4	290HC STS	78	23.9
5	290HC STS	92	28.0
6	290HC STS	106	32.2
7	290HC STS	119	36.3
8	290HC STS	133	40.4
9	290HC STS	146	44.6
10 ²	290HC STS	160	48.7
11 ²	290HC STS	173	52.9
12 ²	290HC CTS	187	57.0

Configuration V					
290 HC on 40'-9" (12.42m) standard base section					
No. of Tower Elements	Tower Element Type	Static Concrete Footing		Rail-travelling Undercarriage	
		feet	meters	feet	meters
1	290HC BS	38	11.5	57	17.4
2	290HC STS	51	15.6	71	21.5
3	290HC STS	65	19.8	84	25.7
4	290HC STS	78	23.9	98	29.8
5	290HC STS	92	28.0	111	33.9
6	290HC STS	106	32.2	125	38.1
7	290HC STS	119	36.3	138	42.2
8 ²	290HC STS	133	40.5	152	46.4
9 ²	290HC STS	146	44.6	166	49.2
10 ²	290HC CTS	160	48.7	—	—

NOTES:

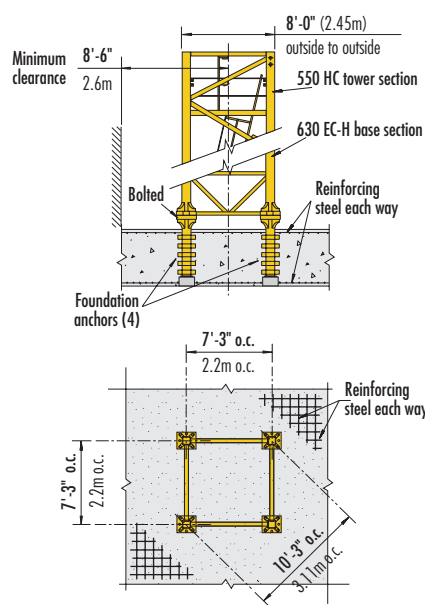
¹ Configuration is without top climbing unit.

² Lower top climbing unit to base of tower prior to operating crane.

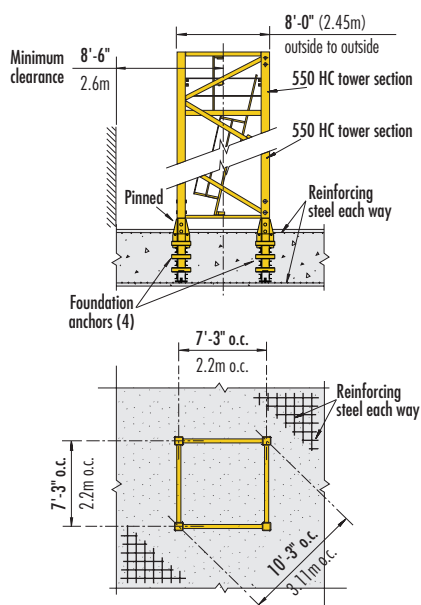
Alternate tower combinations are possible. Refer to Operation manual or contact MORROW for information.

Consult crane Operation Manual before erecting, operating, servicing, climbing or dismantling crane.

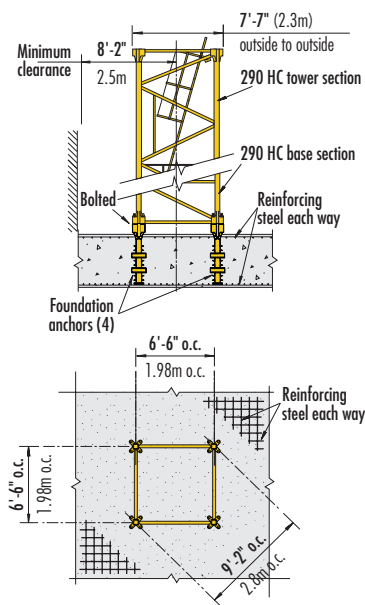
Foundation Details on concrete footing



on 630 EC-H Base Section

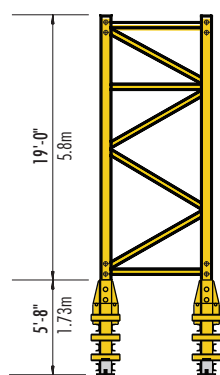


with 550 HC Tower

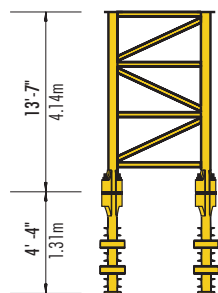


with 290 HC Tower

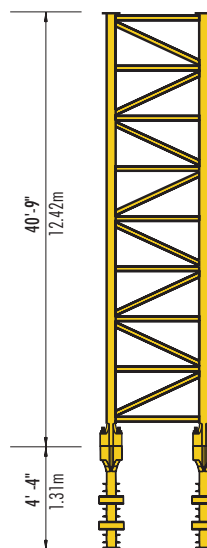
Base Assembly Installation Weights



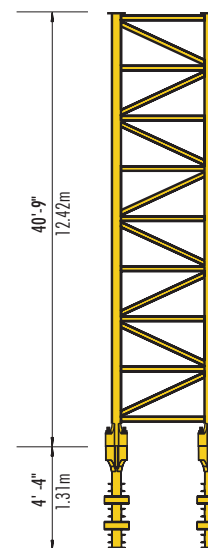
**550 HC Standard Tower
Section plus Anchors (4x)**
Total wt: 17,815 lbs
8 080 kg



**290 HC Standard Tower
Section plus Anchors (4x)**
Total wt: 7,098 lbs
3 220 kg



**290 HC Base Section
plus Anchors (4x)**
Total wt: 19,533 lbs
8 860 kg

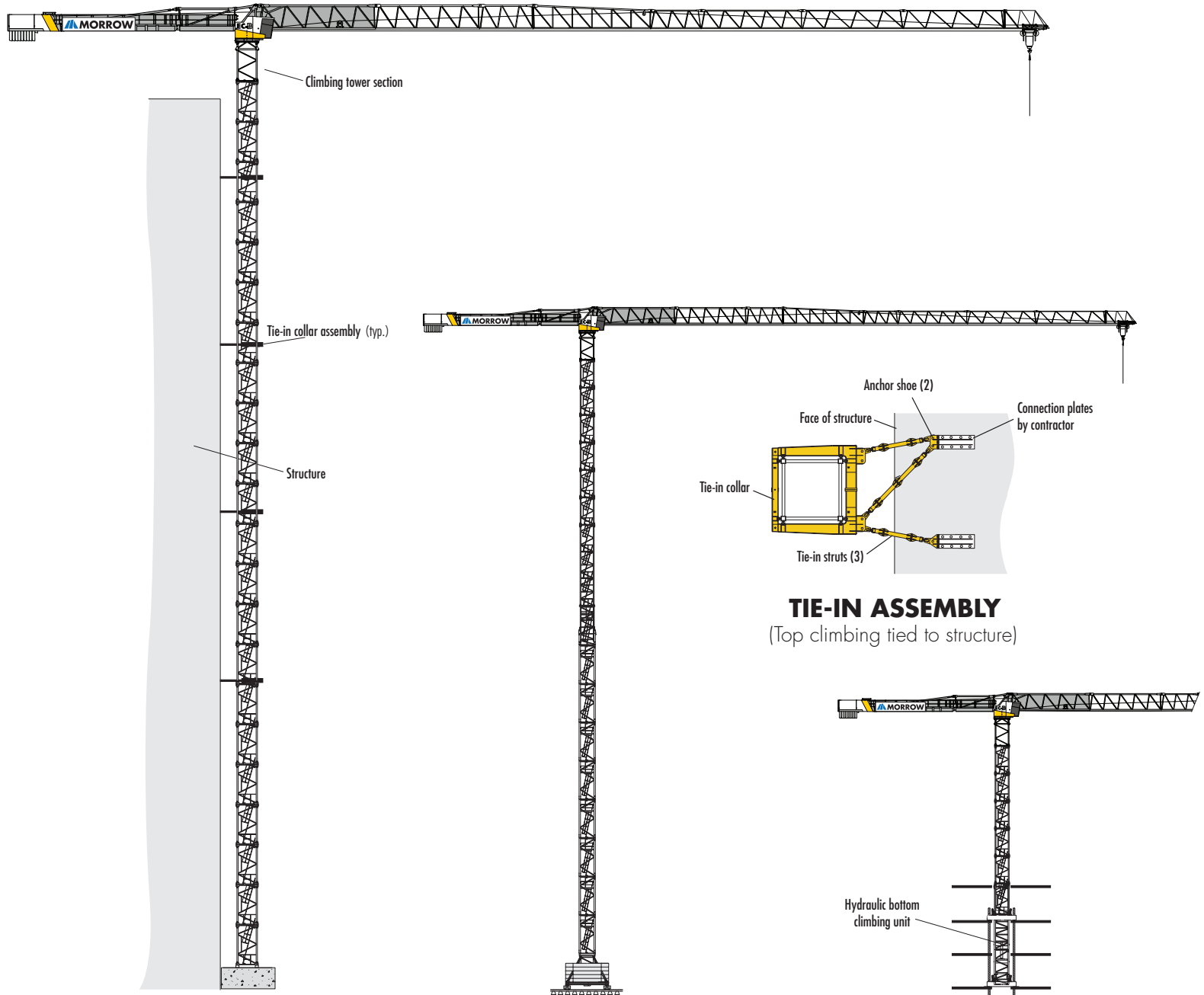


**290 HC Reinforced Base
Section plus Anchors (4x)**
Total wt: 18,428 lbs
8 359 kg

NOTE: For information regarding undercarriage details, rail-travelling, static undercarriages and central ballast configurations, see 340 EC-B 12 Litronic Operation Manual.

Alternate Configurations

IMPORTANT: Configurations shown on this page are for illustrative purposes only. Actual configuration dependent on job site specific criteria. See instruction manual or contact MORROW for information.



TOP CLIMBING

(Climbing tower installed)

Top climbing crane configuration can be used when freestanding crane or when tying crane to structure.

RAIL TRAVELING or STATIC

(with undercarriage)

Rail traveling crane configuration offers convenience of greater hook coverage on job site.

BOTTOM CLIMBING

Bottom (internal) climbing configuration is used primarily when crane is situated within a structure. Crane climbs as floors are added to the structure.

Hoist Speed and Capacity

Hoist Drive		2-Part Line				
WiW 300 WZ 401		Speed	Capacity	Hook Speed	Capacity	Hook Speed
147 hp AC hoist unit 110 kW Variable frequency drive (VFD) 2-speed SD.Shift 4 layers	2P - 325m	1	up to 26,460 lb up to 6,830 lb	@ 160 fpm @ 512 fpm	up to 12 000 kg up to 3 100 kg	@ 49 m/min @ 156 m/min
		2	up to 12,130 lb up to 3,090 lb	@ 320 fpm @ 876 fpm	up to 5 500 kg up to 1 400 kg	@ 97 m/min @ 267 m/min

NOTE: Capacities and line speeds indicated will vary depending on the amount of hoist rope installed. This crane model may be equipped with hoist units other than that specified in the data above. To verify, check the serial number of the crane and refer to the Liebherr 340 EC-B 12 Instruction Manual for additional information.

Drive Information

Drive Unit	Horsepower	Kilowatts	Speed
Trolley (VFD)	10.0 hp	7.5 kW	0 – 360 fpm (0–110 m/min)
Swing (VFD)	2 x 10.0 hp	2 x 7.5 kW	0.7 rpm
Travelling	Information available upon request		

Counterweights

Counterjib	Three Part												Two Part									
Jib length	256 ft (78.0 m)	246 ft (75.0 m)	238 ft (72.5 m)	230 ft (70.0 m)	221 ft (67.5 m)	213 ft (65.0 m)	205 ft (62.5 m)	197 ft (60.0 m)	189 ft (57.5 m)	180 ft (55.0 m)	72 ft (52.5 m)	164 ft (50.0 m)	156 ft (47.5 m)	148 ft (45.0 m)	139 ft (42.5 m)	131 ft (40.0 m)	122 ft (37.2 m)	114 ft (34.7 m)	106 ft (32.2 m)	97 ft (29.7 m)	88 ft (26.9 m)	80 ft (24.4 m)
No. of blocks	7x A	6x A + 1x B	5x A + 2x B	5x A + 1x B	5x A + 2x B	5x A + 1x B	4x A + 2x B	5x A	4x A + 2x B	3x A + 3x B	4x A + 1x B	3x A + 2x B	4x A	7x A + 1x B	6x A + 2x B	6x A + 1x B	6x A	4x A + 2x B	4x A + 1x B	3x A + 2x B	3x A + 1x B	2x A + 2x B
Weight in lbs	34,720	32,960	31,200	28,000	31,200	28,000	26,240	24,800	26,240	24,470	23,040	21,270	19,840	37,920	36,160	32,960	29,760	26,240	23,040	21,270	18,080	16,310
Weight in kg	15 750	14 950	14 150	12 700	14 150	12 700	11 900	11 250	11 900	11 100	10 450	9 650	9 000	17 200	16 400	14 950	13 500	11 900	10 450	9 650	8 200	7 400

NOTE: Weight of the A Block is 4,960 lbs (2 250 kg); the B Block is 3,200 lbs (1 450 kg). Counterweights must be installed from rear to front, i.e. towards the tower. It is recommended that the weight of each counterweight be verified before installation. Counterweight figures displayed in the chart above are for crane with hoist unit WiW 300 WZ 410 (110 kW) installed. If another hoist unit is installed, refer to the Liebherr 340 EC-B 12 Litronic Operation Manual or contact Morrow Equipment for additional information.

Power Requirements

Power supply: 3-phase 480 V, 60 Hz; 3-wire plus ground; no Neutral.

480 V phase-phase, 277 V each phase to ground with 120° phase shift between phases.

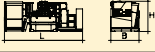
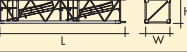
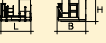
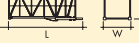
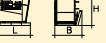
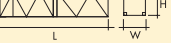
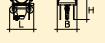
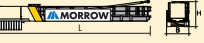
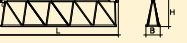
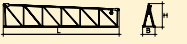
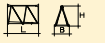
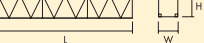
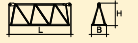
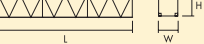
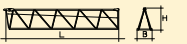
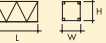
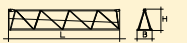
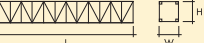
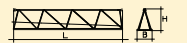
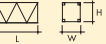
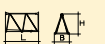
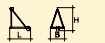
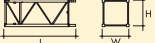
Service size: 200 Amperes

NOTES:

- For electric power provided by an electric utility, do not use open Delta transformers.
- For electric power provided by a generator, the minimum generator size required is 200 kW. Verify the generator provided is suitable for use with variable frequency drives (VFDs). A properly sized generator is critical to the safe operation of the crane.

Specifications are subject to change without prior notice. Drawings shown in this datasheet are for illustrative purposes only. Refer to the 340 EC-B 12 Instruction Manual. For additional information, contact MORROW. All rights are reserved.

Component List

Description	Dimensions L x W x H	Weight	Description	Dimensions L x W x H	Weight
Slewing Platform (Complete) ¹	 21'-6" x 7'-11" x 8'-4" 6.57m x 2.42m x 2.55m	26,010 lbs 11 800 kg	Long Tower Sect. 550HC	 39'-8" x 8'-0" x 8'-0" 12.1m x 2.45m x 2.45m	23,480 lbs 10 650 kg
Switch Gear Cabinet with Platform	 7'-7" x 7'-2" x 6'-5" 2.31m x 2.19m x 1.95m	3,420 lbs 1 550 kg	Transition (P/B) 550HC/290HC	 20'-7" x 8'-5" x 8'-5" 6.28m x 2.57m x 2.57m	13,050 lbs 5 920 kg
Operator's Cab with Platform	 7'-10" x 6'-10" x 8'-1" 2.4m x 2.09m x 2.47m	3,750 lbs 1 700 kg	Top Climbing Unit & Hydraulics (290HC)	 27'-7" x 9'-2" x 8'-10" 8.42m x 2.79m x 2.69m	16,530 lbs 7 500 kg
Folding Jib Head	 6'-1" x 4'-9" x 7'-8" 1.86m x 1.45m x 2.34m	3,310 lbs 1 500 kg	Trolley and Hook	 6'-9" x 5'-3" x 5'-7" 2.06m x 1.62m x 1.71m	1,785 lbs 810 kg
Hoist Unit (VFD) 147 hp (110 kW) ²	 10'-10" x 4'-0" x 4'-2" 3.31m x 1.22m x 1.26m	5,700 lbs 2 490 kg	Jib Section ① ⁵ #611	 39'-1" x 4'-2" x 8'-4" 11.92m x 1.28m x 2.53m	11,685 lbs 5 300 kg
Counterjib A ³	 55'-5" x 7'-8" x 8'-9" 16.9m x 2.33m x 2.67m	27,780 lbs 12 600 kg	Jib Section ② ⁵ #621	 34'-11" x 4'-2" x 8'-2" 10.65m x 1.28m x 2.48m	5,950 lbs 2 700 kg
Counterjib B ⁴	 74'-5" x 7'-8" x 8'-9" 22.7m x 2.33m x 2.67m	35,490 lbs 16 100 kg	Jib Section ③ ⁵ #622	 18'-6" x 4'-2" x 8'-1" 5.6m x 1.28m x 2.47m	2,535 lbs 1 150 kg
Counterweight Block A with frame	 4'-4" x 11" x 7'-9" 1.31m x 0.28m x 2.35m	4,960 lbs 2 250 kg	Jib Section ④ ⁵ #623	 39'-2" x 4'-2" x 8'-0" 11.94m x 1.28m x 2.45m	4,520 lbs 2 050 kg
Counterweight Block B with frame	 4'-4" x 11" x 4'-9" 1.31m x 0.28m x 1.46m	3,200 lbs 1 450 kg	Jib Section ⑪ ⁵ #639	 9'-1" x 4'-2" x 6'-5" 2.78m x 1.28m x 1.95m	1,455 lbs 660 kg
Base Section 290HC	 40'-9" x 7'-7" x 7'-7" 12.42m x 2.3m x 2.3m	17,500 lbs 7 940 kg	Jib Section ⑤ ⁵ #631	 17'-4" x 4'-2" x 6'-5" 5.28m x 1.28m x 1.95m	1,675 lbs 760 kg
Long Tower Sect. 290HC	 40'-9" x 7'-7" x 7'-7" 12.42m x 2.3m x 2.3m	12,720 lbs 5 770 kg	Jib Section ⑥ ⁵ #632	 33'-8" x 4'-2" x 6'-5" 10.25m x 1.28m x 1.95m	2,820 lbs 1 280 kg
Standard Tower Section 290HC	 13'-7" x 7'-7" x 7'-7" 4.14m x 2.3m x 2.3m	5,070 lbs 2 300 kg	Jib Section ⑦ ⁵ #633	 33'-7" x 4'-2" x 6'-4" 10.23m x 1.28m x 1.94m	1,875 lbs 850 kg
Reinforced Base 290HC	 40'-9" x 7'-7" x 7'-7" 12.42m x 2.3m x 2.3m	16,400 lbs 7 440 kg	Jib Section ⑧ ⁵ #634	 33'-7" x 4'-2" x 6'-4" 10.22m x 1.28m x 1.93m	1,455 lbs 660 kg
Reinforced Tower Section 290HC	 13'-7" x 7'-7" x 7'-7" 4.14m x 2.3m x 2.3m	6,500 lbs 2 950 kg	Jib Section ⑨ ⁵ #635	 10'-7" x 4'-2" x 6'-4" 3.22m x 1.28m x 1.93m	530 lbs 240 kg
Climbing Tower Section	 13'-7" x 7'-7" x 8'-0" 4.14m x 2.3m x 2.45m	7,275 lbs 3 300 kg	Jib Section ⑩ ⁵ #641	 6'-3" x 4'-2" x 6'-11" 1.91m x 1.28m x 2.12m	575 lbs 260 kg
Std. Tower Section 550HC	 20'-7" x 8'-0" x 8'-0" 6.28m x 2.45m x 2.45m	14,290 lbs 6 480 kg	Foundation Anchor (each) 21HC290FAr	 4'-4" x 1'-2" x 1'-2" 1.32m x 0.35m x 0.35m	510 lbs 230 kg

NOTE: Weights and dimensions are approximate. Scale components before lifting. Consult Operation Manual before erecting, operating, servicing or dismantling crane.

¹ Slewing Platform Complete includes switch gear cabinet, operator's cab, platforms and folding jib.

² Includes 147 hp (110 kW) VFD hoist drive with rope drum and frame, without wire rope.

³ Counterjib A includes sections #1(inner), #2(outer), hoist unit, pendant bars, handrails, connecting material.

⁴ Counterjib B includes sections #1 (inner), #2(outer), #3(intermediate), hoist unit, pendant bars, handrails, connecting material.

⁵ Jib layout details provided in 340 EC-B 12 Litronic Operation Manual. **IMPORTANT:** Please verify all jib components PRIOR to assembly and installation.

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