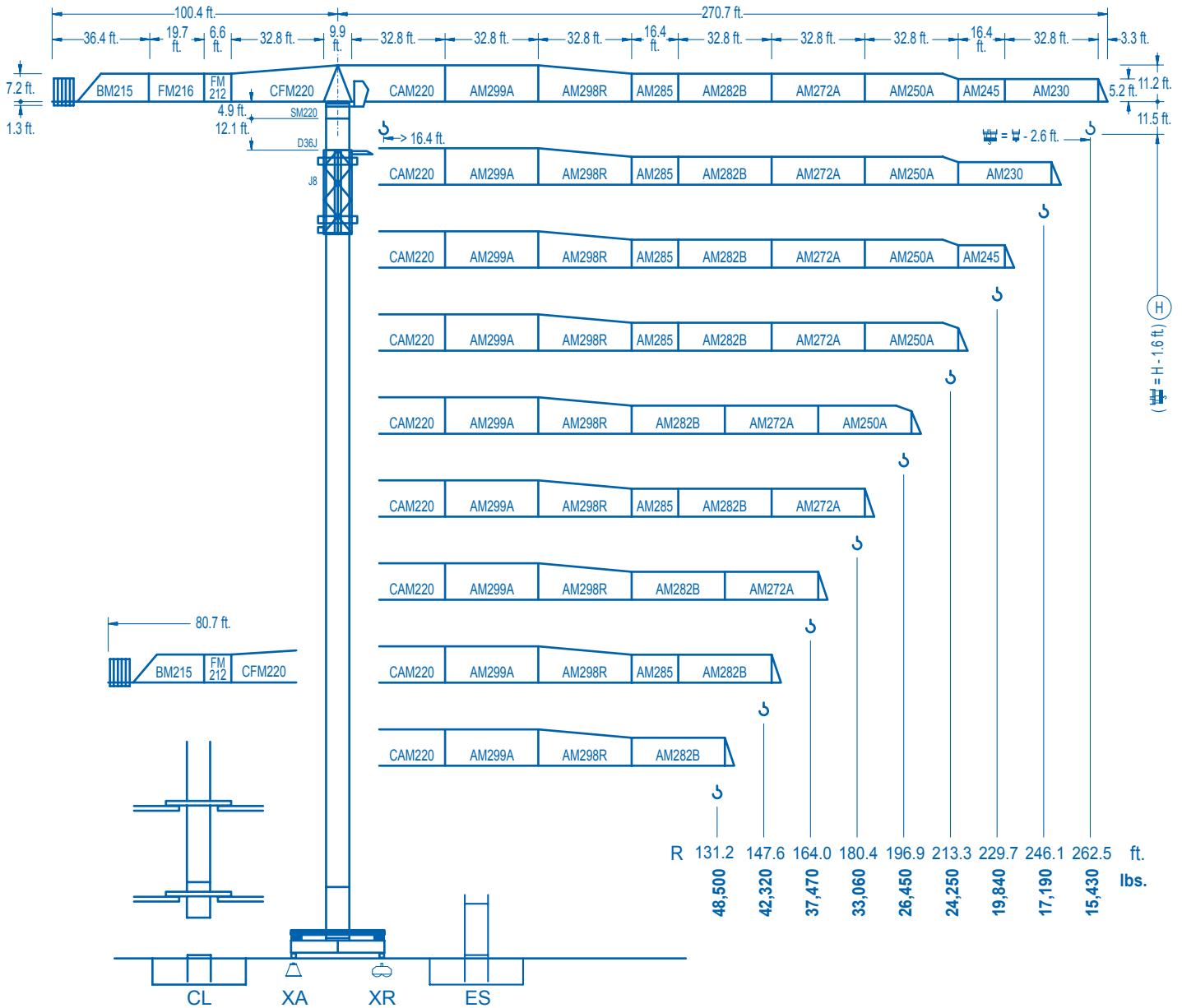
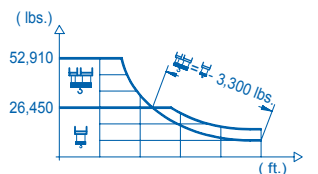
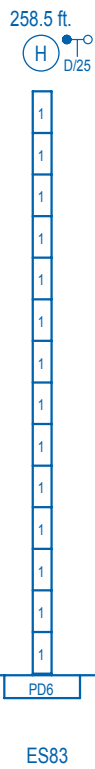
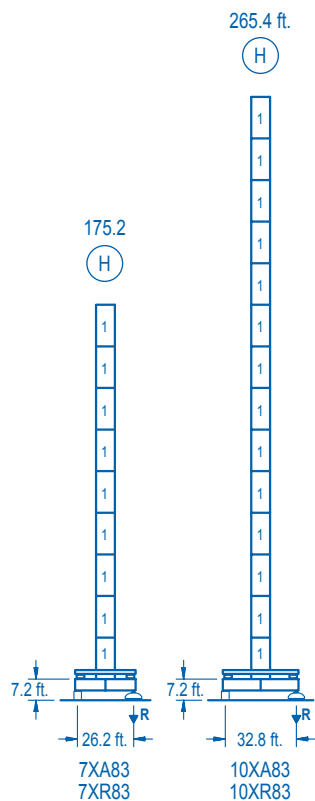


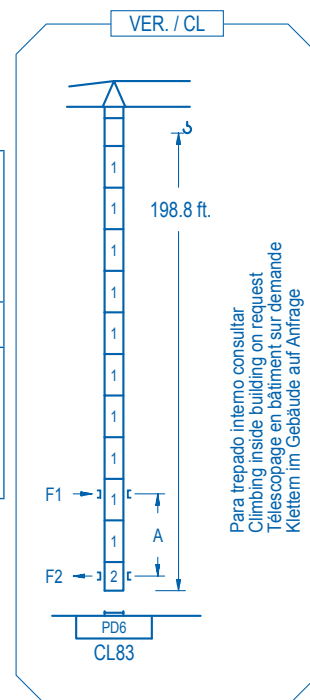


R (ft.)																
262.5	86.6	91.9	98.4	105.0	111.5	118.1	124.7	131.2	150.9	166.3	180.4	196.9	213.3	229.7	246.1	262.5
52,910	49,160	45,210	41,790	38,770	36,130	33,750	31,630	26,450	26,450	24,090	21,750	19,790	18,140	16,680	15,430	lbs.
246.1	88.3	91.9	98.4	105.0	111.5	118.1	124.7	131.2	153.9	170.6	180.4	196.9	213.3	229.7	246.1	ft.
52,910	50,390	46,360	42,850	39,770	37,050	34,630	32,470	26,450	26,450	24,770	22,390	20,390	18,670	17,190	15,430	lbs.
229.7	92.2	98.4	105.0	111.5	118.1	124.7	131.2	147.6	161.1	179.5	196.9	213.3	229.7	246.1	262.5	ft.
52,910	48,960	45,280	42,060	39,210	36,680	34,410	29,620	26,450	26,450	23,760	21,640	19,840	18,400	17,190	15,430	lbs.
213.3	101.0	105.0	111.5	118.1	124.7	131.2	147.6	164.0	176.8	197.8	213.3	229.7	246.1	262.5	279.1	ft.
52,910	50,480	46,930	43,800	41,000	38,510	36,260	33,260	29,120	26,450	24,450	22,450	20,450	18,450	16,450	14,450	lbs.
196.9	110.6	118.1	124.7	131.2	147.6	164.0	180.4	196.9	213.3	229.7	246.1	262.5	279.1	295.7	312.3	ft.
52,910	48,940	45,870	43,120	40,360	37,610	35,110	32,860	29,720	27,070	24,920	22,770	20,620	18,470	16,320	14,170	lbs.
180.4	120.4	124.7	131.2	147.6	164.0	180.4	196.9	213.3	229.7	246.1	262.5	279.1	295.7	312.3	328.7	ft.
52,910	50,830	47,810	45,110	42,410	40,110	38,110	36,110	34,110	32,110	30,110	28,110	26,110	24,110	22,110	20,110	lbs.
164.0	121.1	124.7	131.2	147.6	164.0	180.4	196.9	213.3	229.7	246.1	262.5	279.1	295.7	312.3	328.7	ft.
52,910	51,080	48,060	45,360	42,660	40,360	38,360	36,360	34,360	32,360	30,360	28,360	26,360	24,360	22,360	20,360	lbs.
147.6	120.1	124.7	131.2	147.6	164.0	180.4	196.9	213.3	229.7	246.1	262.5	279.1	295.7	312.3	328.7	ft.
52,910	50,660	47,660	45,160	42,660	40,660	38,660	36,660	34,660	32,660	30,660	28,660	26,660	24,660	22,660	20,660	lbs.
131.2	119.4	124.7	131.2	147.6	164.0	180.4	196.9	213.3	229.7	246.1	262.5	279.1	295.7	312.3	328.7	ft.
52,910	50,240	48,500	46,760	45,020	43,280	41,540	39,800	38,060	36,320	34,580	32,840	31,100	29,360	27,620	25,880	lbs.





n°	Ref.	h (ft.)
1	D36	8.2 18.0
2	CLD36	8.2 12.4



Para trepado interno consultar
Climbing inside building on request
Télescopage en bâtiment sur demande
Klettem im Gebäude auf Anfrage

R. máx.	En servicio In operation En service In Betrieb	7XR83...349,780 lbs. 10XR83...377,870 lbs.	R. máx.	Fuera de servicio Out of service Hors service Ausser Betrieb	7XR83...234,130 lbs. 10XR83...357,150 lbs.
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Para otras zonas de viento o alturas superiores consultar
For other wind zones or additional hook heights on request
Pour d'autres zones de vent ou des hauteurs supplémentaires sur demande
Für andere Windzonen oder weiteren Hakenhöhen auf Anfrage

	7XA83	10XA83
A max	133.5	223.8
B max	-	162.4
C max	204.0	204.0
H max	337.6	500.0

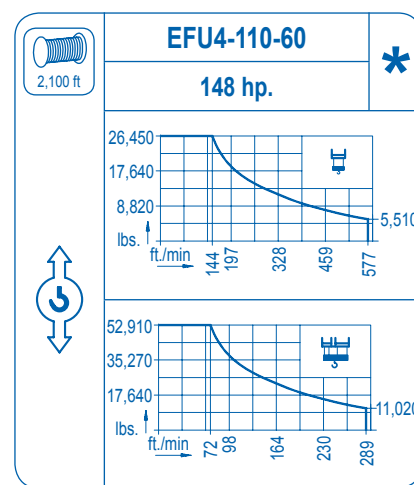
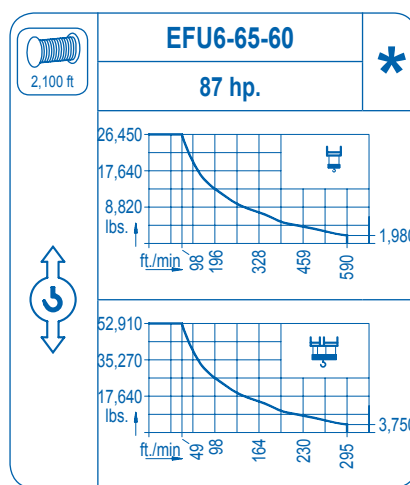
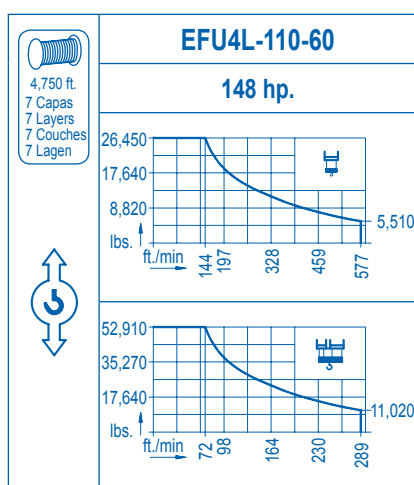
	ES83
A max	216.8
B max	-
C max	204.0
H max	420.9

	CFU-13
	17.4 hp.
0 ⇄ 246 ft./min	

	GR-14
	4 x 103 ft.lbs.
0 ⇄ 0.8 rpm	

	TRA-7.5
	4 x 55 ft.lbs.
0 ⇄ 78 ft./min	

	TRA-7.5VC	*
	4 x 55 ft.lbs.	
0 ⇄ 78 ft./min		



Tensión de alimentación Operating voltage Tension de service Betriebsspannung	480 V 3 ph 60 Hz
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Opcional Optional En option Kaufoption	*
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Construcciones Metálicas COMANSA S. A.

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Polígono Urbizkain
E-31620 HUARTE-PAMPLONA.- SPAIN

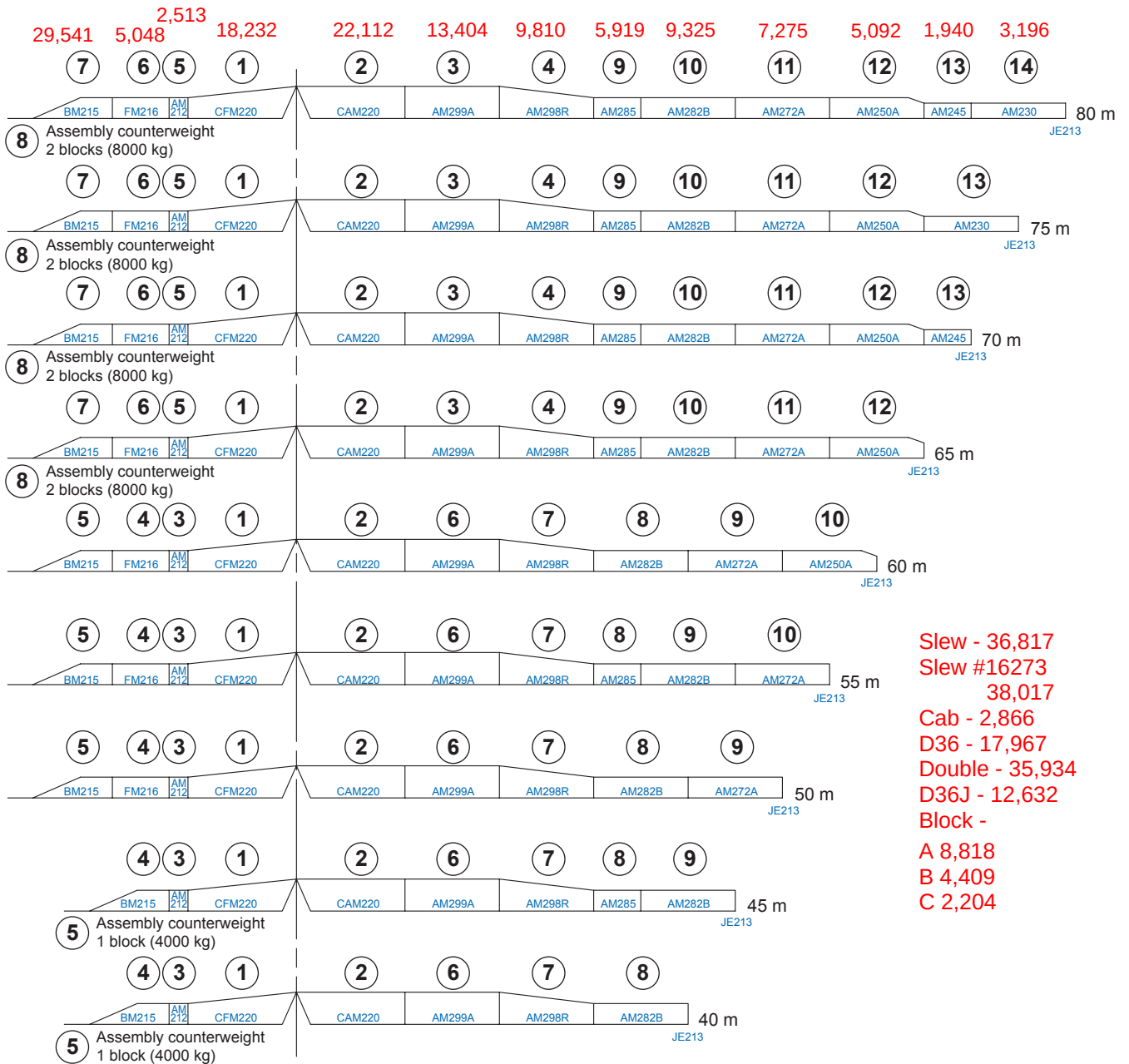


DS.1105.09.IA 02/11 **21 LC 750 52,910 lbs.**

! DURING THE ERECTION AND DISMANTLING IS NECESSARY TO USE A SAFETY HARNESS IN ORDER TO AVOID ACCIDENTS.

! ENSURE THAT THE TOTAL BALLAST FOR THE TRAVELLING OR FIXEND BASE (IF APPLICABLE) IS IN PLACE BEFORE STARTING THE ERECTION OF JIB AND COUNTERJIB.

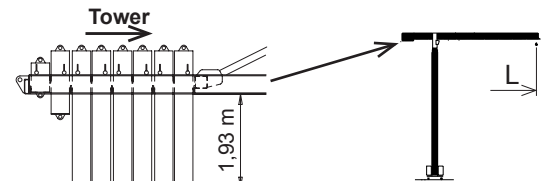
! THE ASSEMBLY SEQUENCES EXPLAINED HERE BELOW SHOULD BE CARRIED OUT AVOIDING LONG INTERRUPTIONS. **RED = LBS.**



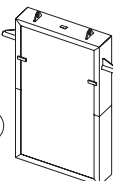
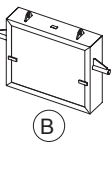
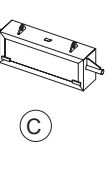
! HOOK AND TROLLEY MUST ALWAYS BE MOUNTED ON THE HOME SECTION OF AM299A

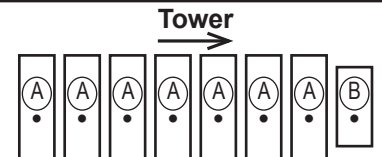
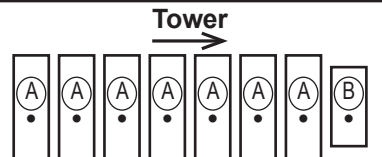
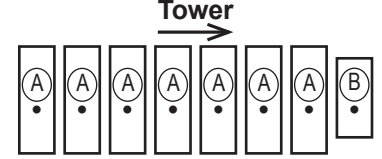
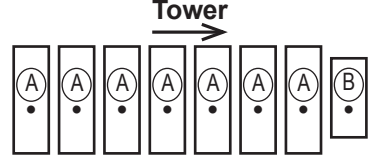
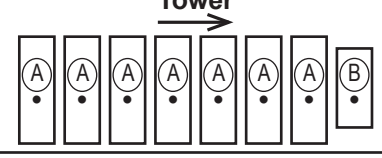
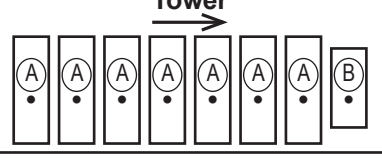
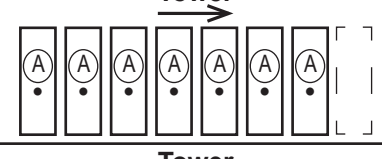
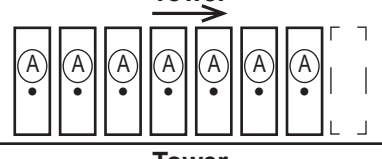
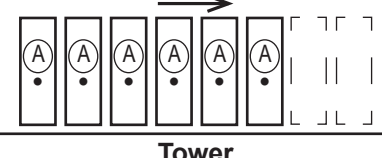
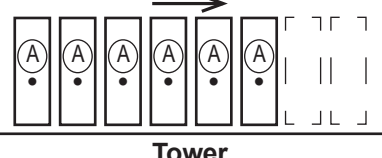
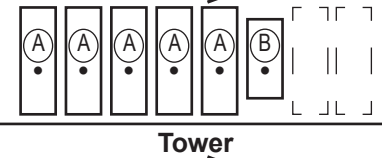
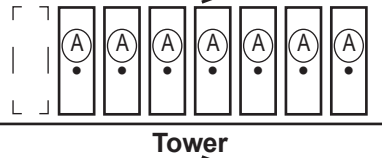
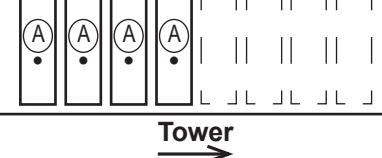
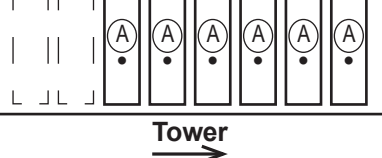
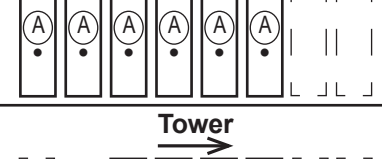
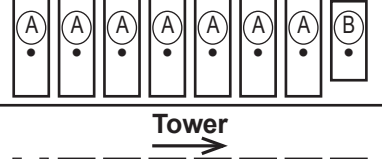
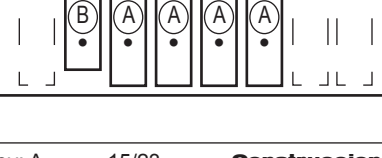
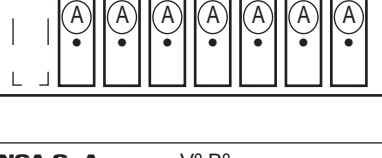
! THE LAST STEP WILL BE TO POSITION THE AERIAL COUNTERWEIGHT IN ITS PLACE AT THE BM215.

! THE ERECTING ORDER OF STRUCTURAL ELEMENTS MUST BE FOLLOWED EXACTLY AS DESCRIBED.



Block	Weight (kg)
A	4000 8 818
B	2000 4 409
C	1000 2 204

Weight (kg)	SC (2 reevings)	Jib (m)	SC/DC (2/4 reevings)	Weight (kg)
30000		80		30000
30000		75		30000
30000		70		30000
28000		65		28000
24000		60		24000
22000		55		28000
16000		50		24000
24000		45		30000
18000		40		28000