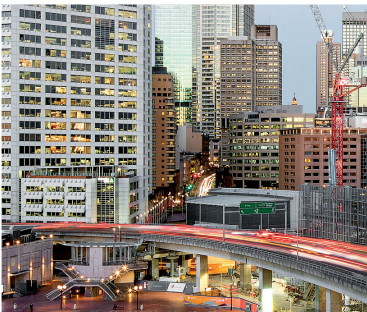
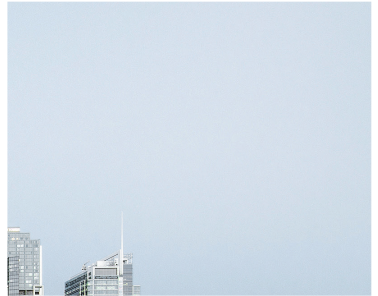
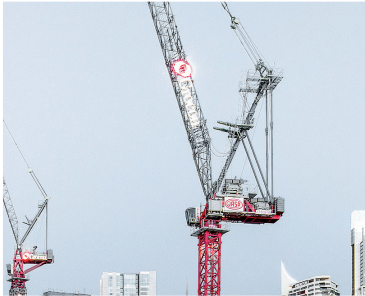
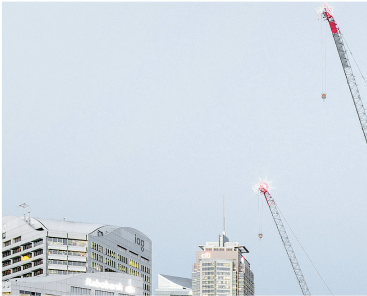
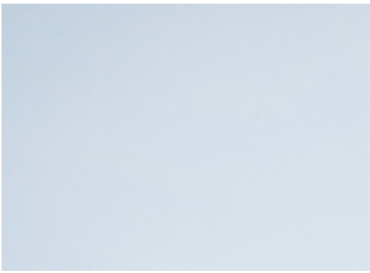


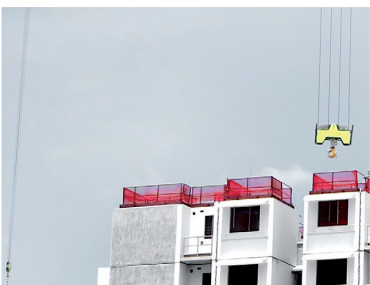
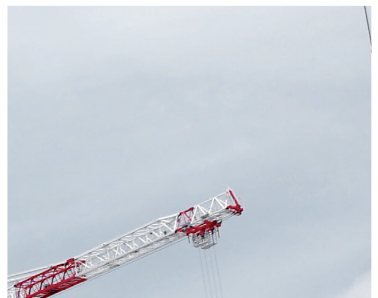
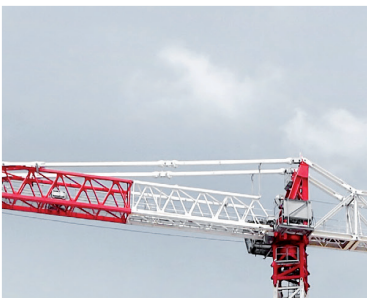


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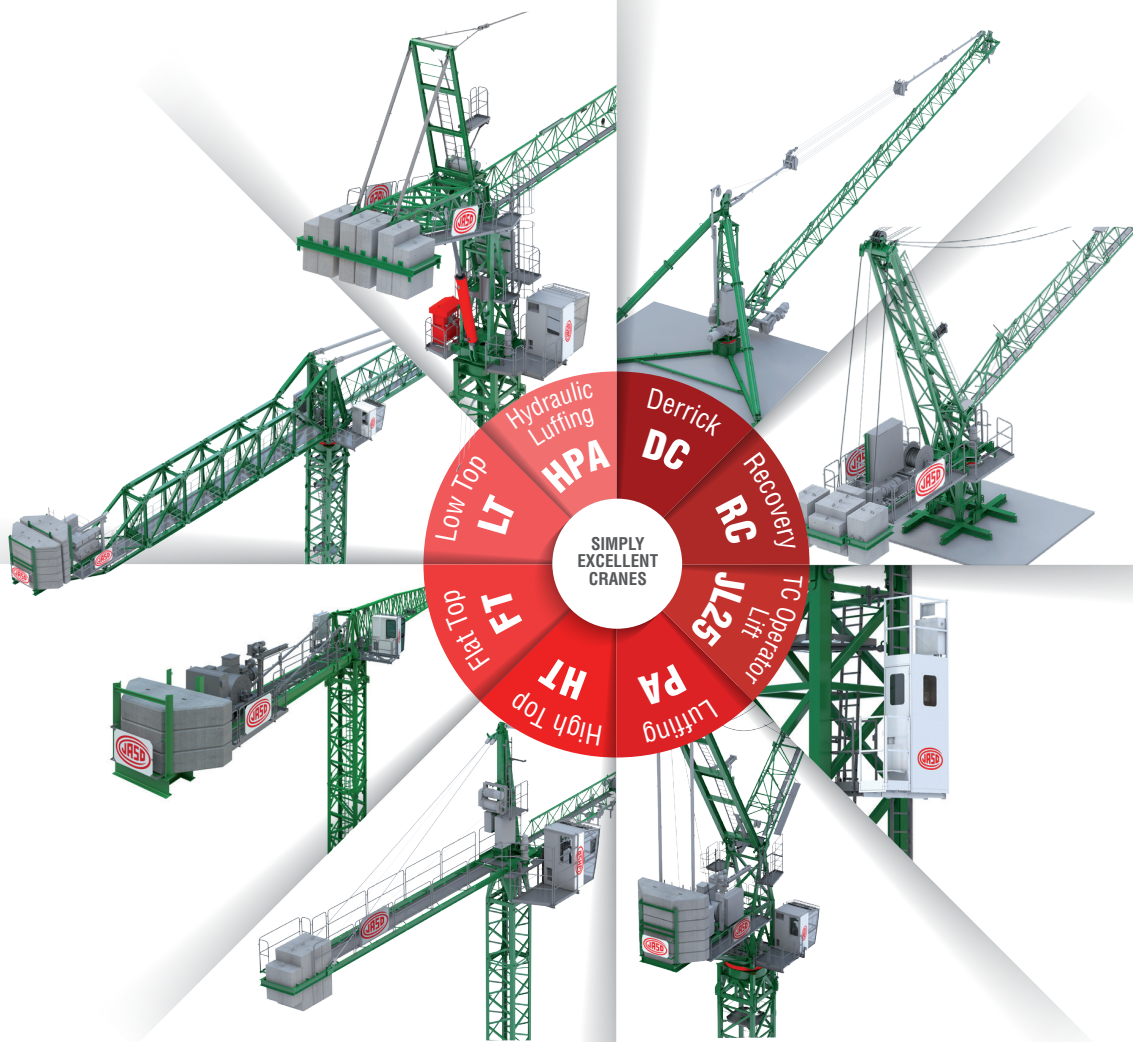
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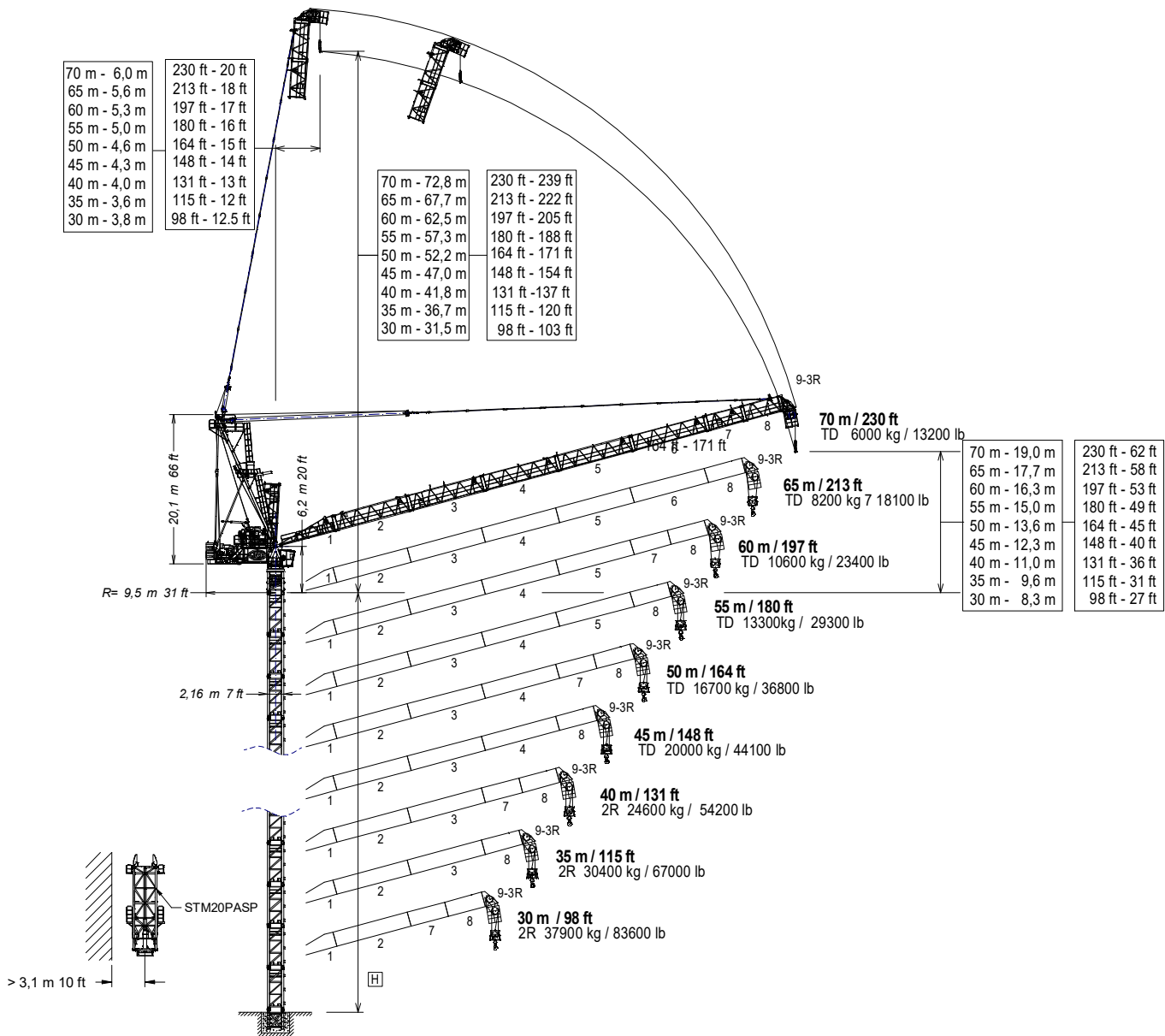
GRUA TORRE TOWER CRANE

J780PA.60



UNE 58-101
FEM 1001

UNE-EN-ISO 9001



H = Máxima altura de torre sin arriostrar (ft).
Maximum tower height without fastening (ft).



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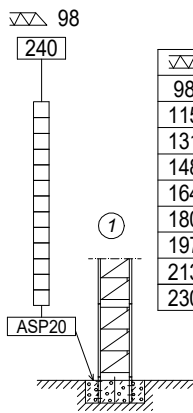
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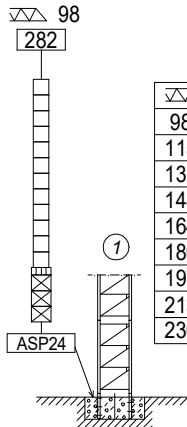
TD

(H) ESTACIONARIA / STATIONARY



▽	H(ft)	□	⊠
98	240	13	-
115	240	13	-
131	216	11	1
148	185	10	-
164	179	9	1
180	167	9	-
197	161	8	1
213	161	8	1
230	148	8	-

⊠ TSP20
□ TSP20-5,6

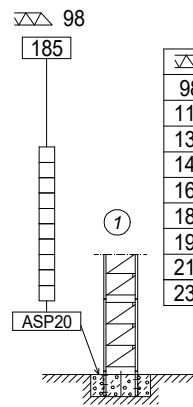


▽	H(ft)	⊠	⊞	□	⊠
98	282	3	1	12	-
115	264	3	1	11	-
131	264	3	1	11	-
148	246	4	1	9	-
164	240	5	1	7	1
180	227	5	1	7	-
197	227	5	1	7	-
213	227	5	1	7	-
230	209	5	1	6	-

⊠ TSP20
□ TSP20-5,6
⊞ TSP24/TSP20
⊠ TSP24-5,6

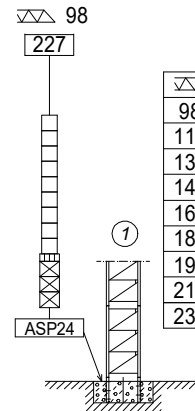
2R

(H) ESTACIONARIA / STATIONARY



▽	H(ft)	□	⊠
98	185	10	-
115	179	9	1
131	167	9	-
148	167	9	-
164	167	9	-
180	167	9	-
197	161	8	1
213	148	8	-
230	148	8	-

⊠ TSP20
□ TSP20-5,6

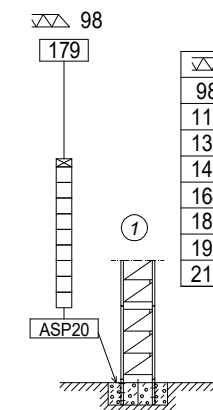


▽	H(ft)	⊠	⊞	□	⊠
98	227	3	1	9	-
115	221	3	1	8	1
131	209	3	1	8	-
148	209	3	1	8	-
164	209	3	1	8	-
180	209	3	1	8	-
197	203	3	1	7	1
213	191	3	1	7	-
230	191	3	1	7	-

⊠ TSP20
□ TSP20-5,6
⊞ TSP24/TSP20
⊠ TSP24-5,6

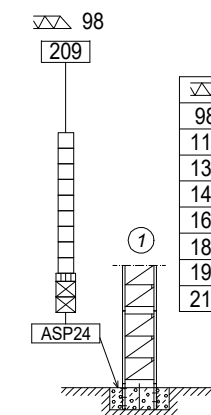
3R

(H) ESTACIONARIA / STATIONARY



▽	H(ft)	□	⊠
98	179	9	1
115	167	9	-
131	167	9	-
148	161	8	1
164	161	8	1
180	148	8	-
197	148	8	-
213	148	8	-

⊠ TSP20
□ TSP20-5,6



▽	H(ft)	⊠	⊞	□	⊠
98	209	2	1	9	-
115	209	3	1	8	-
131	209	3	1	8	-
148	203	3	1	7	1
164	203	3	1	7	1
180	191	3	1	7	-
197	191	3	1	7	-
213	191	3	1	7	-

⊠ TSP20
□ TSP20-5,6
⊞ TSP24/TSP20
⊠ TSP24-5,6



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CARGAS / LOADS

J780PA.60

 TD (lb)		Cargas máximas / Maximum loads TD - 44100 lb									
 [ft]	TD 44100 lb @ (ft)	Alcance del gancho [ft] / Hook reach [ft]									
		82	98	115	131	148	164	180	197	213	230
230	149	44100	44100	44100	44100	44100	35900	28700	22700	17600	13200
213	149	44100	44100	44100	44100	44100	35900	28900	23150	18100	-
197	149	44100	44100	44100	44100	44100	36150	29100	23400	-	-
180	149	44100	44100	44100	44100	44100	36150	29300	-	-	-
164	150	44100	44100	44100	44100	44100	36800	-	-	-	-
148	148	44100	44100	44100	44100	44100	-	-	-	-	-
131	131	44100	44100	44100	44100	-	-	-	-	-	-
115	115	44100	44100	44100	-	-	-	-	-	-	-
98	98	44100	44100	-	-	-	-	-	-	-	-

 2R (lb)			Cargas máximas / Maximum loads 2R (lb)									
 [ft]	2R max (lb)	@ (ft)	Alcance del gancho [ft] / Hook reach [ft]									
			82	98	115	131	148	164	180	197	213	230
230	61700	119	61700	61700	61700	51600	41200	32850	25800	19800	15000	10800
213	88200	94	88200	82450	64800	51600	41200	32850	26000	20500	15650	-
197	88200	94	88200	82700	65000	51800	41400	33300	26450	20900	-	-
180	88200	94	88200	82700	65000	52000	41700	33500	26900	-	-	-
164	88200	94	88200	82700	65500	52500	42550	34400	-	-	-	-
148	88200	94	88200	83300	66400	53600	43650	-	-	-	-	-
131	88200	94	88200	83300	66800	54200	-	-	-	-	-	-
115	88200	94	88200	83300	67000	-	-	-	-	-	-	-
98	88200	95	88200	83550	-	-	-	-	-	-	-	-

 3R (lb)			Cargas máximas / Maximum loads 3R (lb)									
 [ft]	3R max (lb)	@ (ft)	Alcance del gancho [ft] / Hook reach [ft]									
			66	82	98	115	131	148	164	180	197	213
213	92600	87	92600	92600	76900	60000	47400	37500	29500	23100	17900	13200
197	123500	71	123500	100500	77200	60400	47800	38100	30200	23800	18500	-
180	132300	67	132300	100750	77400	60800	48300	38600	30900	24500	-	-
164	132300	67	132300	101600	78500	61900	49400	39700	32000	-	-	-
148	132300	68	132300	102700	79600	63300	50900	41200	-	-	-	-
131	132300	68	132300	103600	80500	64200	51800	-	-	-	-	-
115	132300	68	132300	103800	80900	64600	-	-	-	-	-	-
98	132300	68	132300	103800	81100	-	-	-	-	-	-	-



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CARACTERISTICAS DE MECANISMOS / MECHANISMS FEATURES

J780PA.60

*opcional *optional				
	EC150120VF 110 kW	* EC180160VF 132 kW	OG4007VF 2x15 kW	EP15020VF 110 kW
			0... 0,7 r/min sl/min	2 min
			480V 60Hz EC150120VF: AMPERAGE: 400 A EC180160VF: AMPERAGE: 435 A	
				ecoMode
			TD 2612 ft 2R 1306 ft 3R 869 ft 3300 ft	

LISTA DE EMBARQUE / PACKING LIST

J780PA.60

DENOMINACIÓN / DENOMINATION		L [ft]	A [ft]	H [ft]	P / W [lb]
Torre Tower	TSP20 TSP20-5,6	 14.4 20.2	7.5 7.5	7.8 7.8	12380 16900
Torre asiento pista, torre superior y orientación Slewing table, top tower and slewing mechanism		 23.8	7.6	8.6	56310
Punta de torre Top tower		 10.5	7.5	8.0	13000
Torre asiento pista + base punta de torre + orientación Slewing table + tower head base + slewing mechanism		 17.1	7.6	8.3	43310



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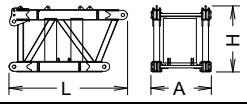
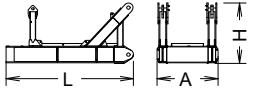
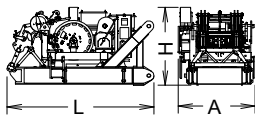
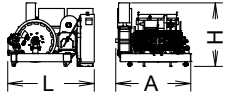
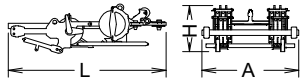
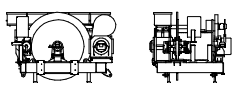
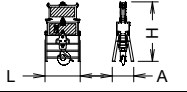
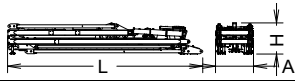
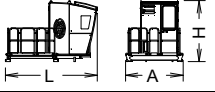
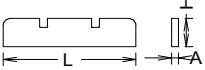
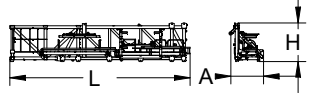
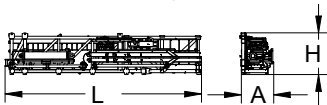

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LISTA DE EMBARQUE / PACKING LIST

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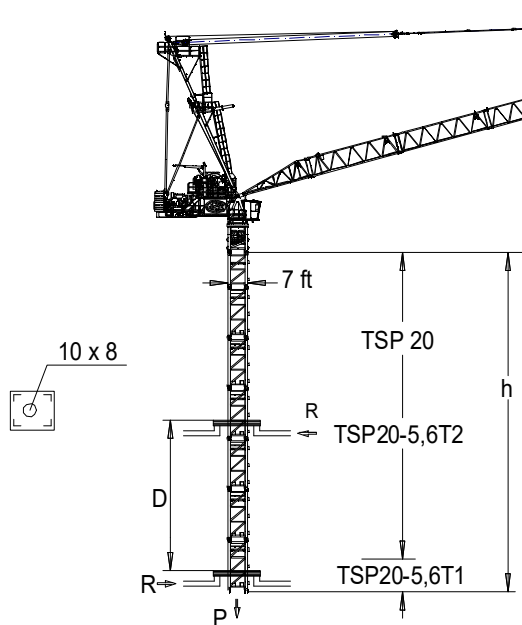
DENOMINACIÓN / DENOMINATION		L [ft]	A [ft]	H [ft]	P / W [lb]
Tramo de pluma Jib section	[1]	29.1	7.5	7.4	8690
	[2]	34.7	7.1	7.8	9510
	[3]	34.7	6.5	7.5	8180
	[4]	34.7	6.5	7.9	7320
	[5]	34.7	6.5	7.5	7250
	[6]	34.7	6.5	7.4	6350
	[7]	17.7	6.5	7.4	4000
	[8]	17.7	6.5	7.5	5080
	[9-3R]	6.6	6.7	11.8	6680
Contrapluma 1 Counterjib 1		14.7	7.5	8.3	21860
Contrapluma 2 Counterjib 2		15.7	7.5	7.4	17780
Contrapluma 2 + Elevación pluma + pasteca Counterjib 2 + Luffing mech + Reeving block		16.7	8.7	8.9	42440
Elevación pluma Luffing mech		9.4	8.1	6.8	16470
Pasteca Reeving Block		11.0	3.5	6.7	4130
Mecanismo elevacion carga sin cable Hoisting mechanism without rope		13.4	10.4	6.7	22330
Polipasto Hook assembly	2R/3R TD 	5.0 1.0	3.1 1.1	8.3 5.5	3680 1080
Tirante sostén pluma Jib support tie		17.8 17.8	1.2 1.2	1.3 1.3	3060 3030
Parte superior + mecanismo auxiliar Top part + auxiliary winch		38.8	7.5	6.5	39240
Plataforma y cabina (2 x 1,5) Platform and cabin		12.0	7.5	8.1	2760
Contrapeso Counterweight		14.8 7.6	0.8 0.8	3.3 3.3	17640 8820
TM20PASP-5,6					
Transporte torre de montaje Jacking cage transport	Package 1. 	38.1	7.3	8.2	26300
	Package 2. 	38.3	6.6	8.2	31800



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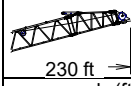


TSP20-5,6T1: 214.31.000
TSP20-5,6T2: 214.31.500

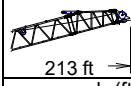


Trepado interno / Internal climbing.

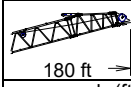
$$h_{\max}: \text{TSP20-5,6T1} + 6 \times \text{TSP20-5,6} + \text{TSP20-5,6T2}$$

	TD		
230 ft			
h (ft)	147		
D (ft)	51 – 69		
P (lbf)	689900	645000	
Rmax (lbf)	181600	185000	

$$h_{\max}: \text{TSP20-5,6T1} + 6 \times \text{TSP20-5,6} + \text{TSP20-5,6T2}$$

	2R		
213 ft			
h (ft)	147		
D (ft)	50 – 69		
P (lbf)	722300	632400	
Rmax (lbf)	187700	143400	

$$h_{\max}: \text{TSP20-5,6T1} + 6 \times \text{TSP20-5,6} + \text{TSP20-5,6T2}$$

	3R		
180 ft			
h (ft)	147		
D (ft)	47 – 69		
P (lbf)	752000	617100	
Rmax (lbf)	196700	123600	

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 Consultar / Consult

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