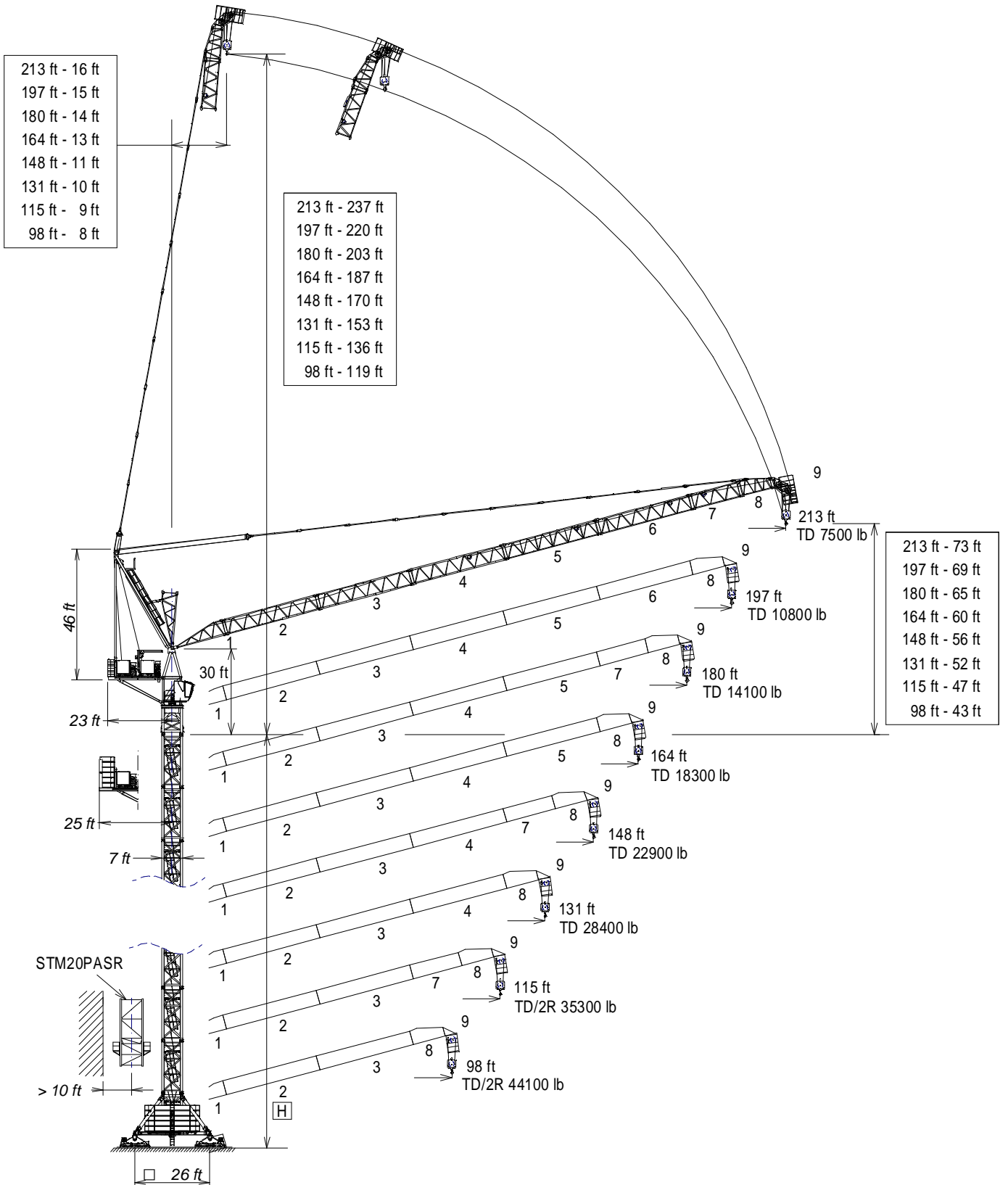




UNE 58-101
FEM 1001

UNE-EN-ISO 9001



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



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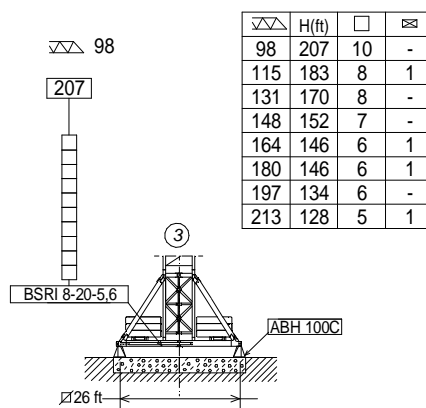
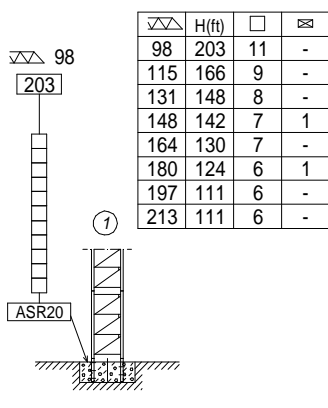
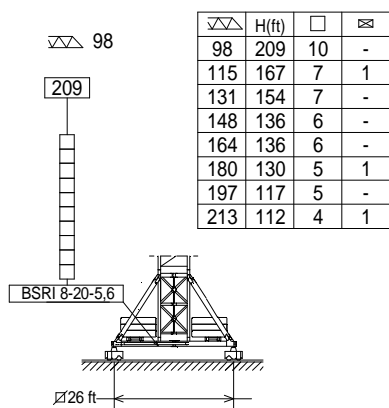


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TD

(H) TRASLACIÓN / TRAVELLING

(H) ESTACIONARIA / STATIONARY

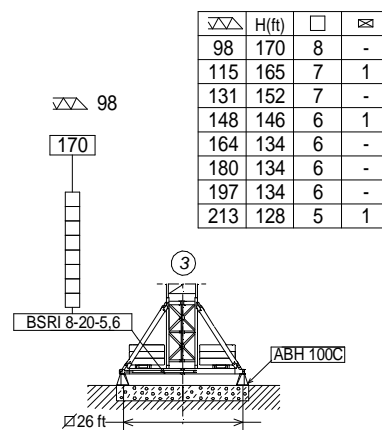
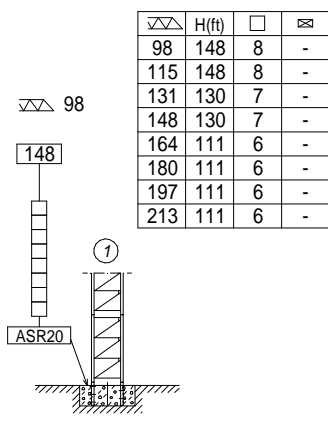
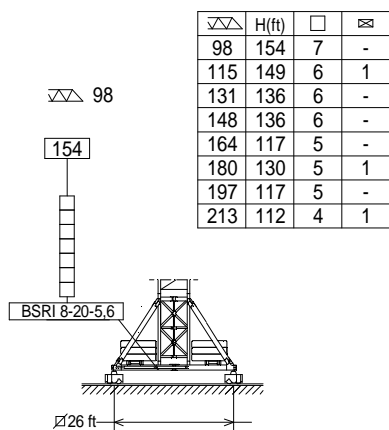


⊠ TSR20
□ TSR20-5,6

TD / 2R

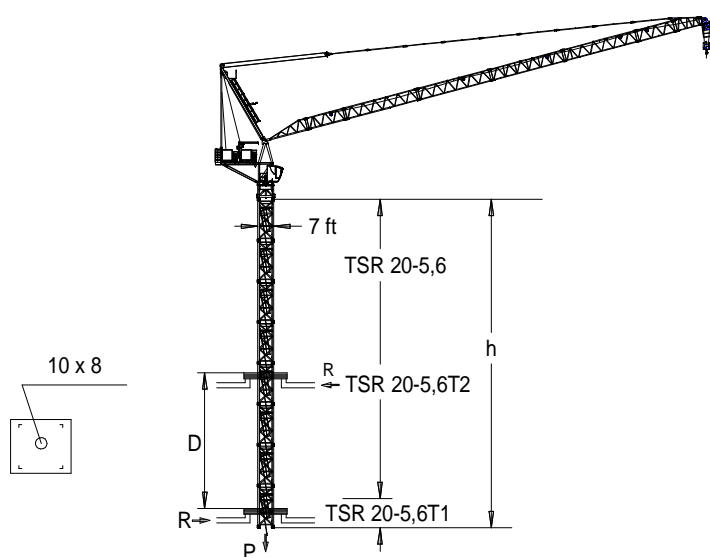
(H) TRASLACIÓN / TRAVELLING

(H) ESTACIONARIA / STATIONARY



⊠ TSR20
□ TSR20-5,6

TREPADO / CLIMBING



$h_{max} = \text{TSR20-5,6T1} + 5 \times \text{TSR20-5,6} + \text{TSR20-5,6T2}$

	164 ft	35300 lb	▶	■
h (ft)	129			
D (ft)	37 - 59			
P (lbf)	376600	340600		
Rmax (lbf)	124800	140500		

TSR20-5,6T1: 206.31.400
TSR20-5,6T2: 206.31.500



Trepado interno / Internal climbing

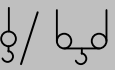




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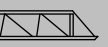



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		Cargas máximas / Maximum loads TD – 35300 lb								
	TD 35300 lb @ (ft)	Alcance del gancho [ft] / Hook reach [ft]								
		82	98	115	131	148	164	180	197	213
213	111	35300	35300	33500	26500	21200	16800	13200	10100	7500
197	112	35300	35300	34000	27100	21800	17400	13900	10800	-
180	114	35300	35300	34600	27800	22300	17900	14100	-	-
164	114	35300	35300	34600	28000	22700	18300	-	-	-
148	114	35300	35300	34800	28200	22900	-	-	-	-
131	115	35300	35300	35100	28400	-	-	-	-	-
115	115	35300	35300	35300	-	-	-	-	-	-
98	98	35300	35300	-	-	-	-	-	-	-

		Cargas máximas / Maximum loads TD/2R – 35300/70500 lb										
	2R 70500 lb @ (ft)	TD 35300 lb @ (ft)	Alcance del gancho [ft] / Hook reach [ft]									
			66	82	98	115	131	148	164	180	197	213
213	70500 lb @ (ft)	110	35300	35300	35300	32600	25800	20300	15900	12300	9300	6600
197		111	35300	35300	35300	33100	26200	20900	16500	13000	9900	-
180		111	35300	35300	35300	33300	26500	21200	16800	13200	-	-
164	68	112	70500	55100	42800	33700	27100	21800	17400	-	-	-
148	68	112	70500	55100	43000	34000	27300	22000	-	-	-	-
131	68	113	70500	55100	43000	34200	27600	-	-	-	-	-
115	68	115	70500	56200	44100	35300	-	-	-	-	-	-
98	68	98	70500	56200	44100	-	-	-	-	-	-	-

	2R 39700 lb @ (ft)	TD 19800 lb @ (ft)	Alcance del gancho [ft] / Hook reach [ft]								
			82	98	115	131	148	164	180	197	213
213	102	149	39700	39700	32600	25800	20300	15900	12300	9300	6600

	2R 52900 lb @ (ft)	TD 26500 lb @ (ft)	Alcance del gancho [ft] / Hook reach [ft]								
			66	82	98	115	131	148	164	180	197
197	84	131	52900	52900	41900	33100	26200	20900	16500	13000	9900

	2R 66100 lb @ (ft)	TD 33100 lb @ (ft)	Alcance del gancho [ft] / Hook reach [ft]								
			49	66	82	98	115	131	148	164	180
180	71	115	66100	66100	54700	41900	33300	26500	21200	16800	13200







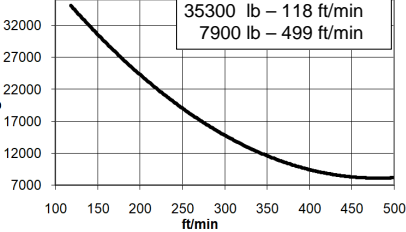
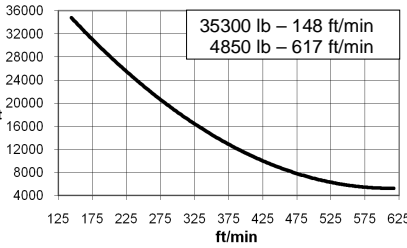

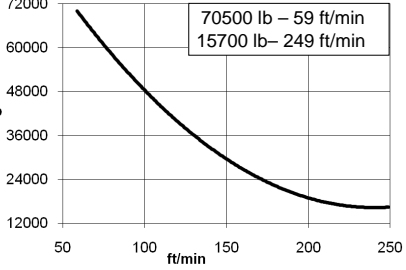
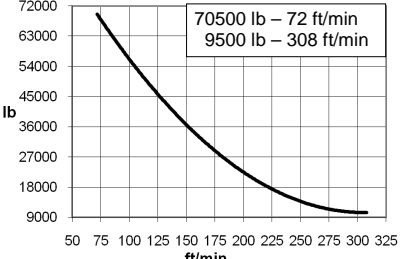



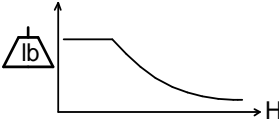


-  Viento fuera de servicio / Out of service wind
-  Consultar / Consult
-  En servicio / In service
-  Fuera de servicio / Out of service

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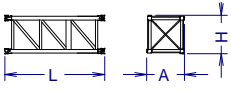
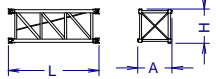
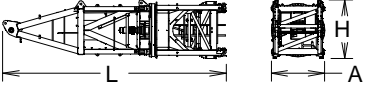
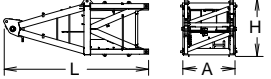
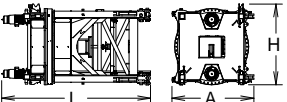
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Opcional optional						
	EC150152VF 110 kW	* EC180188VF 132 kW	OG2008VF 2x7,3 kW	EP10015VF 75 kW	TG4025VF 4x7,5 kW	TH4010 29,4 kW
			0... 0,8 r/min sl/min	1,5 min	0...82 ft/min	2 ft/min
			 480V 60Hz EC150152VF: AMPERAGE = 320 A EC180188VF: AMPERAGE = 358 A			
	$H \leq \frac{TD}{2R} \begin{matrix} 1798 \text{ ft} \\ 899 \text{ ft} \end{matrix}$	$H \leq \frac{TD}{2R} \begin{matrix} 2133 \text{ ft} \\ 1066 \text{ ft} \end{matrix}$	 			
	2841 ft		 ecoMode			

LISTA DE EMBARQUE / PACKING LIST

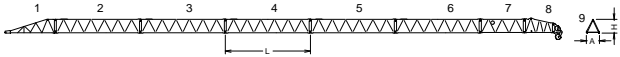
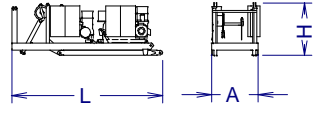
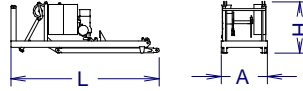
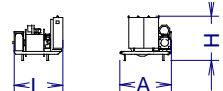
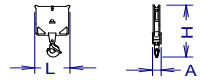
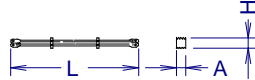
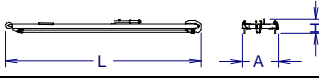
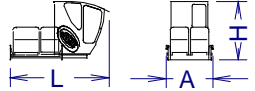
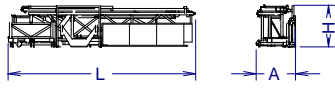
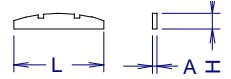
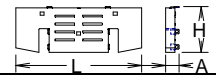
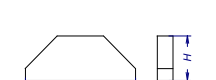
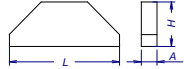
DENOMINACIÓN / DENOMINATION		L [ft]	A [ft]	H [ft]	P / W [lb]
Torre inferior Lower tower	TSRI-20-5,6 	19.7	7.4	7.4	14470
Torre Tower	TSR20 TSR20-5,6 	14.0 19.7	7.4 7.4	7.4 7.4	6860 9285
Torre asiento pista, torre superior y orientación Slewing table, top tower and slewing mechanism		31.7	7.6	8.4	3490
Punta de torre Top tower		19.2	7.5	7.8	11685
Torre asiento pista + base punta de torre + orientación Slewing table + tower head base + slewing mechanism		15.3	8.4	8.1	23205

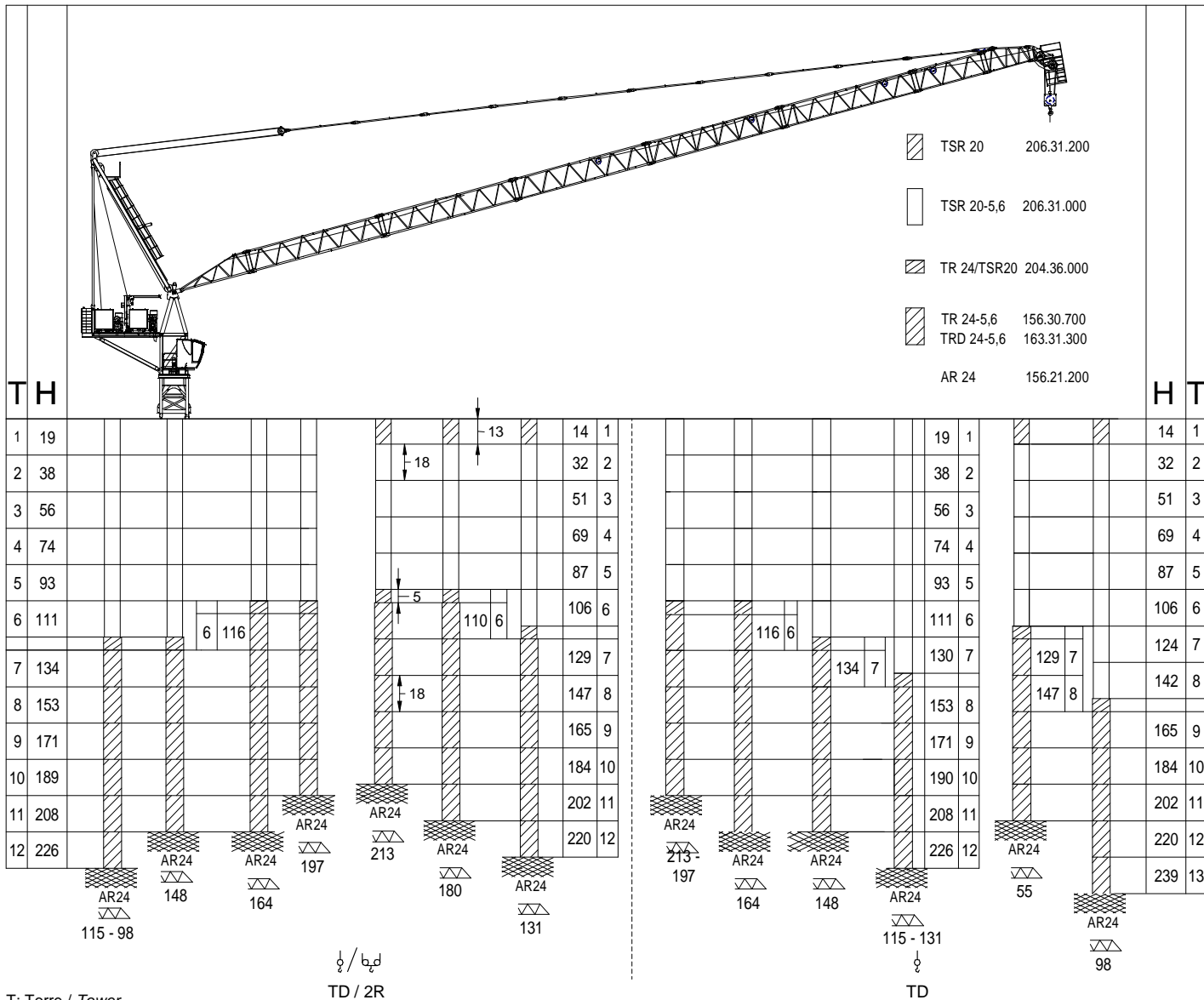


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DENOMINACIÓN / DENOMINATION		L [ft]	A [ft]	H [ft]	P / W [lb]	
Tramo de pluma <i>Jib section</i>	[1]	20.3	7.1	5.8	4015	
	[2]	34.3	5.0	5.7	5965	
	[3]	34.5	5.0	5.7	5800	
	[4]	34.6	5.0	5.7	5040	
	[5]	34.6	4.9	5.7	4115	
	[6]	34.6	4.9	5.7	3860	
	[7]	18.4	4.9	5.7	2135	
	[8]	12.2	4.9	6.1	2150	
	[9]	6.6	6.2	6.7	2260	
						
Contrapluma con mecanismos, pasteca y plumin <i>Counterjib with mechanisms, reeving block and auxiliary jib</i>			21.7	7.8	9.1	45305
Contrapluma con elevacion pluma, pasteca y plumin <i>Counterjib+ luffing mechanisms+ reeving block+ auxiliary jib</i>			21.7	7.2	8.4	26150
Mecanismo elevacion carga <i>Hoisting mechanism</i>			8.7	8.1	7.1	19160
Polipasto TD/2R <i>Hook assembly</i>			3.3 0.6	1.4 1.1	6.5 6.9	1735 840
Tirante sostén pluma <i>Jib support tie</i>			19.2	1.4	2.0	5240
Parte superior <i>Top part</i>			39.2	7.4	5.6	15080
Plataforma y cabina (2 x 1,5) <i>Platform and cabin</i>			12.0	6.3	8.1	2500
Transporte torre de montaje <i>Jacking cage transport</i>		TM20PASR-5,6 	35.5	7.5	7.9	26770
Contrapeso <i>Counterweight</i>			14.8	1.1	2.7	13230
			7.2	1.1	2.7	6615
			10.5	1.1	3.8	13230
Contrapeso <i>Counterweight</i>		Lastre <i>Ballast</i> 	12.5	1.9	4.9	13230



T: Torre / Tower
H: Altura / Height

$\phi / b_{\phi d}$
TD / 2R

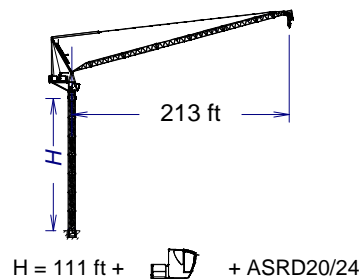
TD



Otras configuraciones de torre / Other tower configuration

TRANSPORTE / TRANSPORT

J438PA.2R



8 x



7 x

HIGH CUBE 40'

1 x

OPEN TOP 40'



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Fecha / Date: 16/01/2023

FEM 1001

DELEGACION / DEALER