



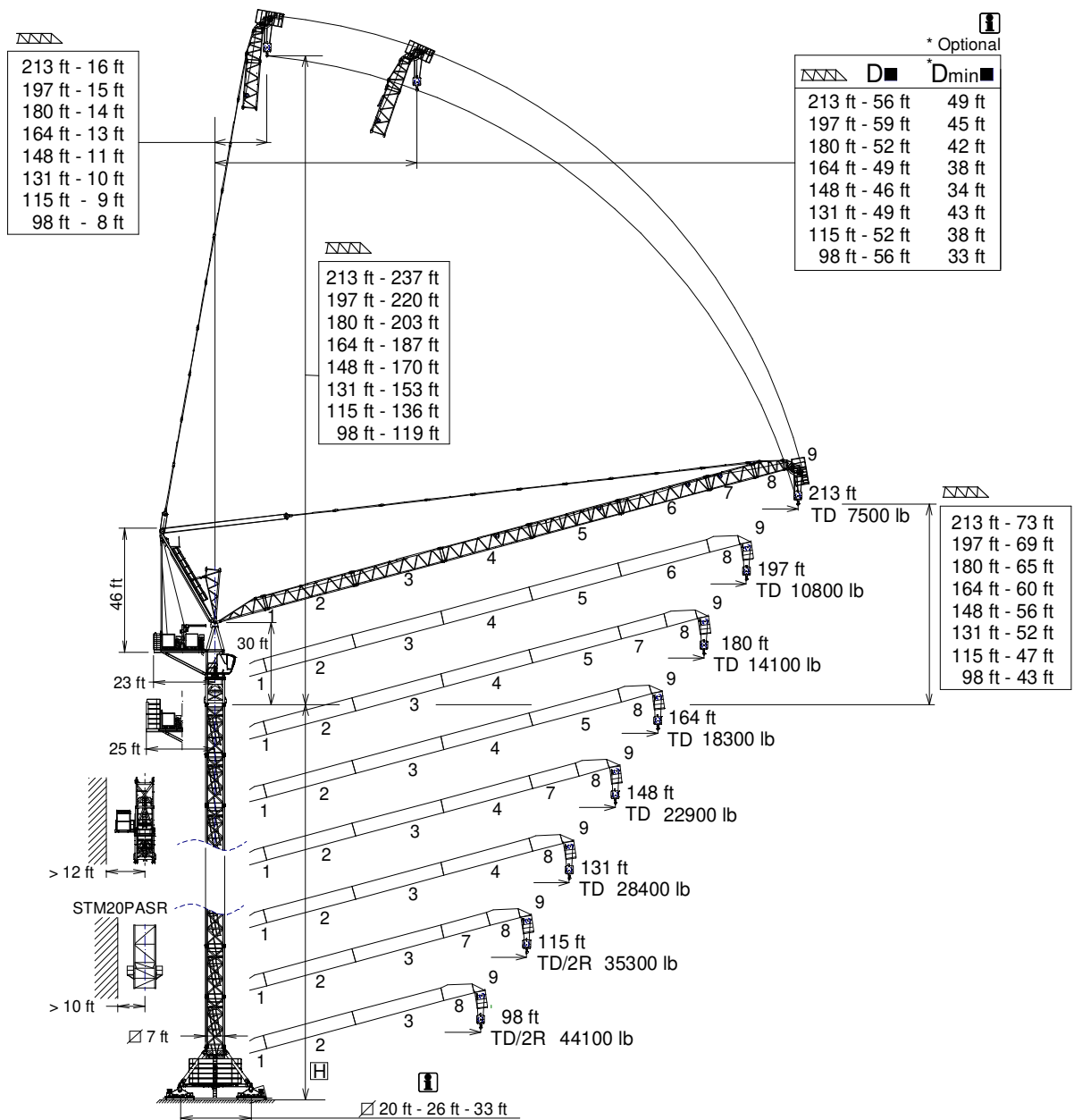
UNE 58-101
FEM 1001



J438PA.2R

GRUA TORRE / TOWER CRANE

UNE-EN-ISO 9001



H= Altura máxima bajo gancho sin arriostrar (ft) / Maximum height under hook without fastening (ft)

D ■ Distancias fuera de servicio dependen de la altura de la torre / Out of service distances depend on tower height

*Dmin ■ Distancias mínimas fuera de servicio dependen de la altura de la torre / Out of service minimum distances depend on tower height

Tramo pluma 1 / Jib section 1206.40.000
Tramo pluma 2 / Jib section 2212.41.000
Tramo pluma 3 / Jib section 3212.42.000
Tramo pluma 4 / Jib section 4212.43.000

Tramo pluma 5 / Jib section 5212.44.000
Tramo pluma 6 / Jib section 6212.45.000
Tramo pluma 7 / Jib section 7212.46.000
Tramo pluma 8 / Jib section 8206.47.200
Tramo pluma 9 / Jib section 9212.48.000

TSR20.....206.31.200
TSR20-5,6.....206.31.000

CUSTOMIZE YOUR CRANE

OPTIMUS
line JASD



OPTI Cube



TC Diagnosis
SYSTEM



CLIMBING
Solution



SAFETY
Pack



Customization



ECO Mode



COMFORT
Cabin



HIGH POWER
Motors



JL25 Tower
Crane Elevator



SMARTLINK
BE SMART
keep control



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CARGAS / LOADS

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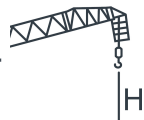
 TD - 35300 lb										
	TD 35300 lb @ ... (ft)	82	98	115	131	148	164	180	197	213
213	111	35300	35300	33500	26500	21200	16800	13200	10100	7500
197	112	35300	35300	34000	27100	21800	17400	13900	10800	—
180	114	35300	35300	34600	27800	22300	17900	14100	—	—
164	114	35300	35300	34600	28000	22700	18300	—	—	—
148	114	35300	35300	34800	28200	22900	—	—	—	—
131	115	35300	35300	35100	28400	—	—	—	—	—
115	115	35300	35300	35300	—	—	—	—	—	—
98	98	35300	35300	—	—	—	—	—	—	—

CARGAS / LOADS

J438PA.2R

 TD/2R 35300 / 70500 lb												
	2R 70500 lb @ (ft)	TD 35300 lb @ (ft)	66	82	98	115	131	148	164	180	197	213
213		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)										
			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)										
			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)										
			49	66	82	98	115	131	148	164	180	
180	71	115	66100	66100	54700	41900	33300	26500	21200	16800	13200	

Datos válidos para / Valid data for

2R
TDH ≤ 361 ft
H ≤ 722 ft

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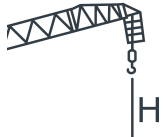
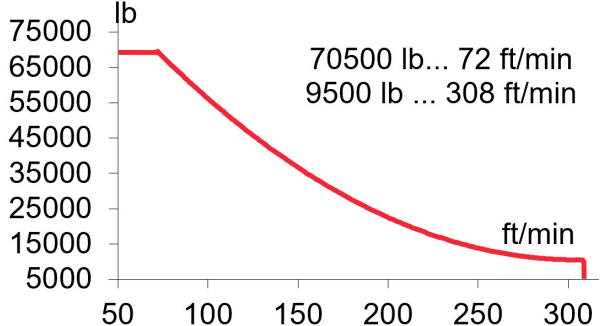
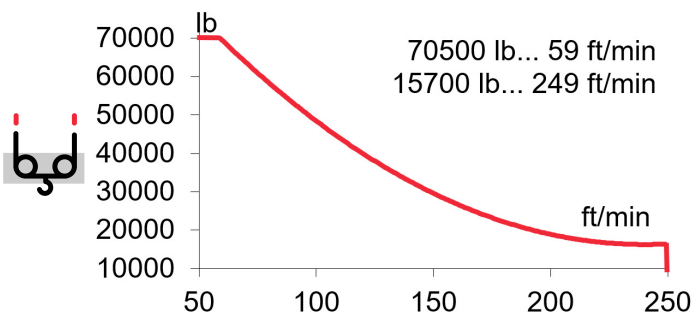
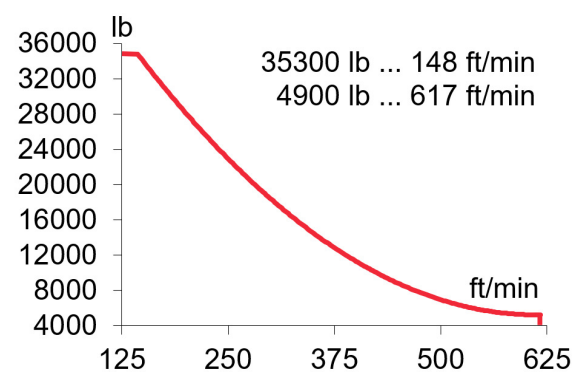
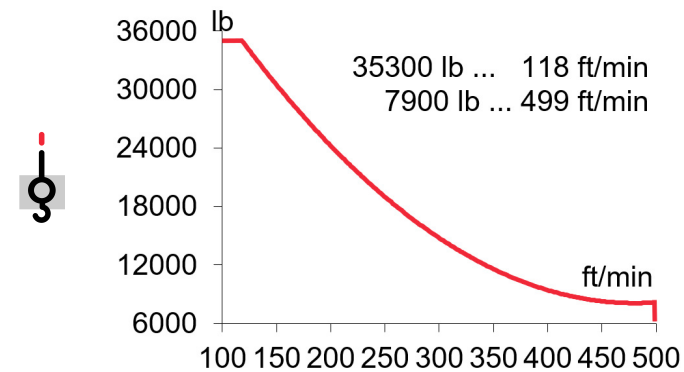

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EC150152VF
110 kW

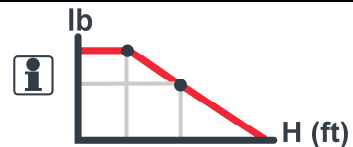
*** EC180188VF**
132 kW



$$H \leq \frac{TD}{2R} \quad \begin{matrix} 2133 \text{ ft} \\ 1066 \text{ ft} \end{matrix}$$



2753 ft



OG2008VF
2 x 7,3 kW



EP10015VF
75 kW



TG4025VF
4 x 7,5 kW



TH4010
29,4 kW

0...0,8
r/min
sl/min

1,5
min

0...82
ft/min

2 ft/min

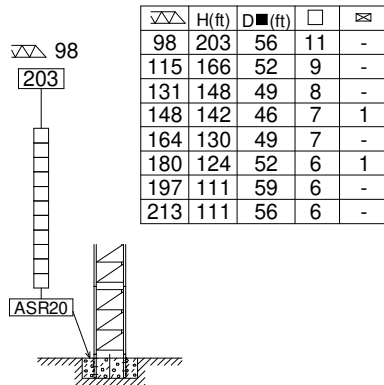
⚡ 3~ 400V 50Hz
480V 60Hz

KVA			
EC150152VF	103	146	189
EC180188VF	114	162	210

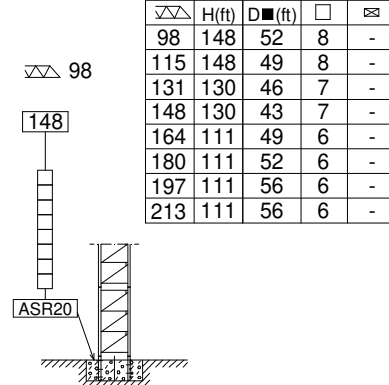
 *Dmin

(H) ESTACIONARIA 1 / STATIONARY 1

TD



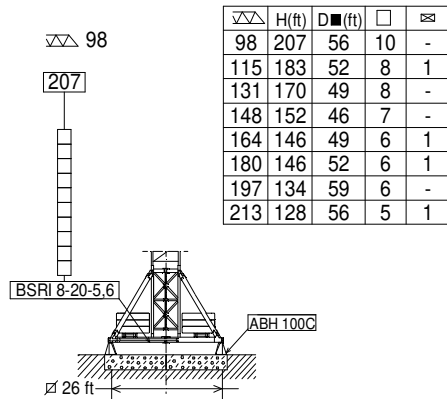
TD / 2R



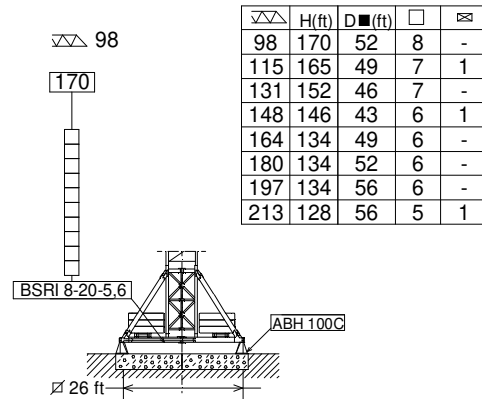
⊠ TSR20
□ TSR20-5,6

(H) ESTACIONARIA 3 / STATIONARY 3

TD



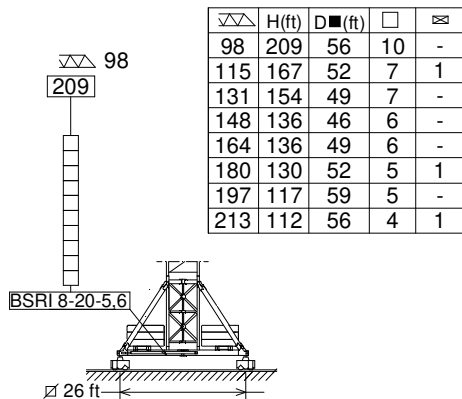
TD / 2R



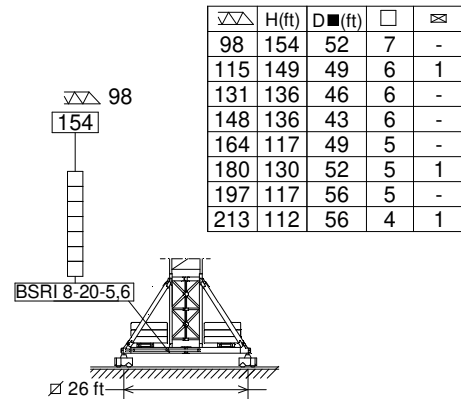
⊠ TSR20
□ TSR20-5,6

(H) TRASLACION / TRAVELLING

TD



TD / 2R



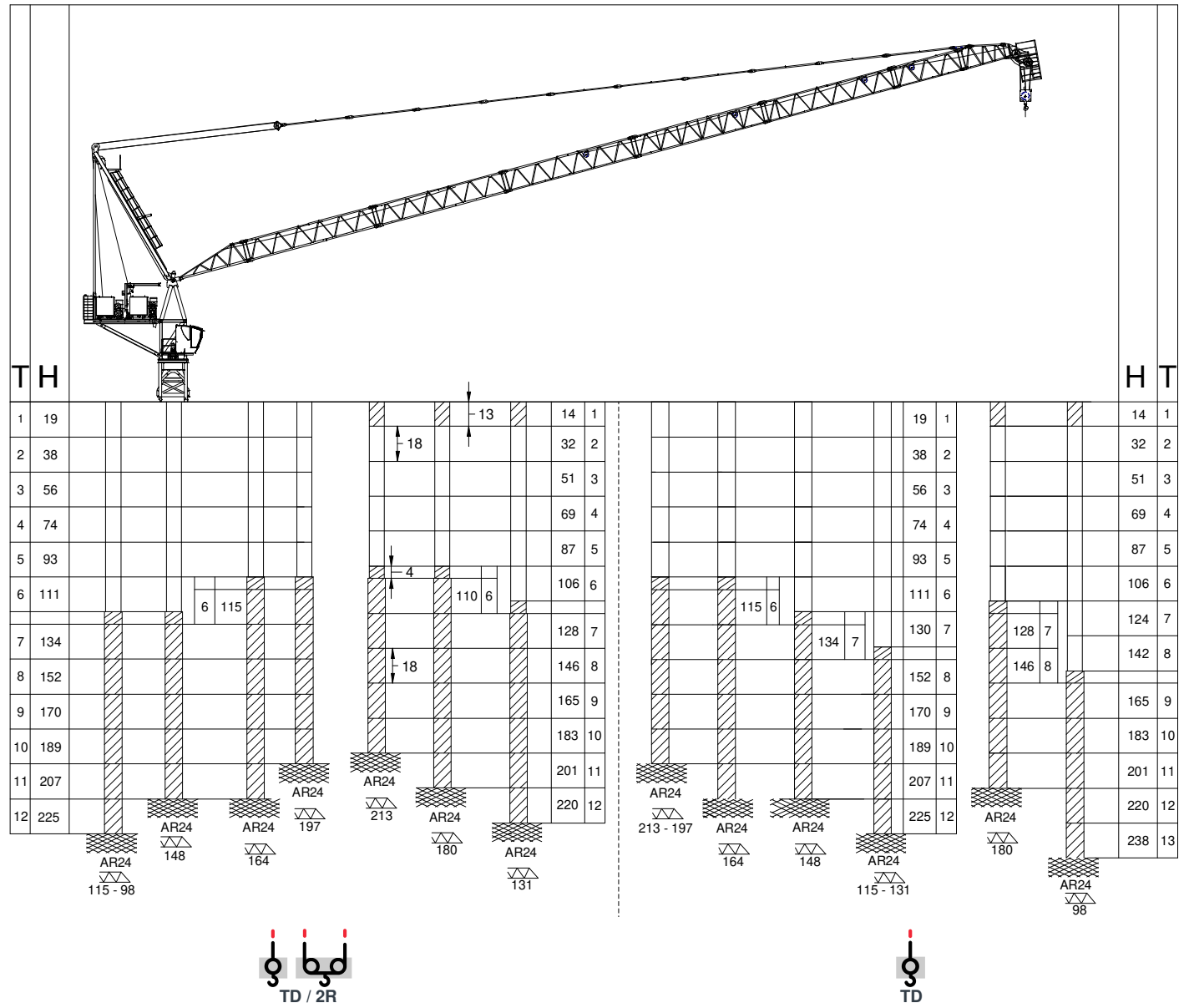
⊠ TSR20
□ TSR20-5,6

H= Máxima altura de torre sin arristrar (ft) / Maximum tower height without fastening (ft)

BSR18-20-5,6.....204.20.000
ASR20.....160.21.200
ABH100C.....170.23.000

TSR20.....206.31.200
TSR20-5,6.....206.31.000

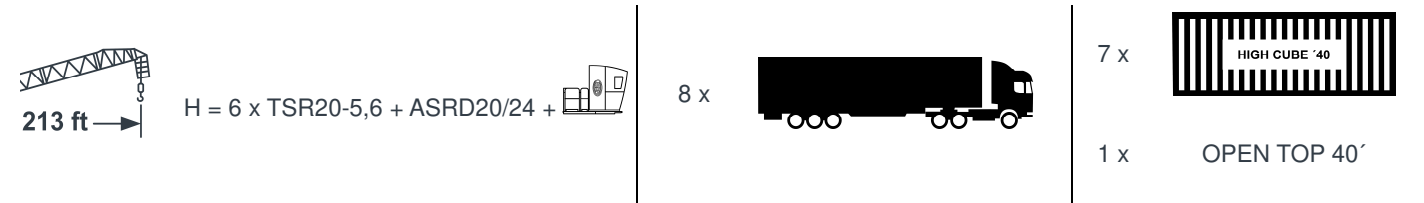
 *Dmin■



T : Torre / Tower
H : Altura / Height

TSR20.....	206.31.200	TR24/TSR20.....	204.36.500	TRD24-5,6.....	206.32.300
TSR20-5,6.....	206.31.000	TR24-5,6.....	206.32.000	AR24.....	156.21.200

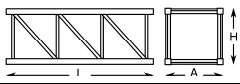
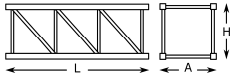
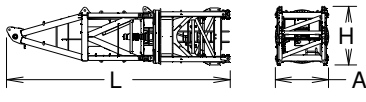
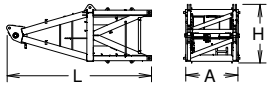
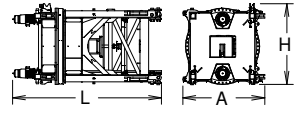
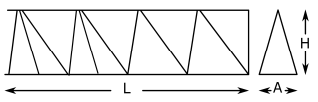
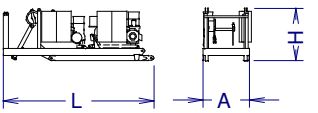
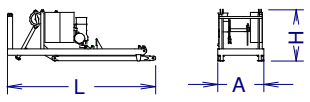
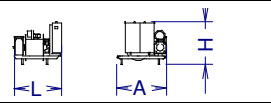
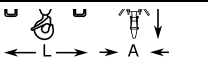
 Otras configuraciones de torre / Other tower configuratio



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			L (ft)	A (ft)	H (ft)	P/W (lb)
Torre inferior / Lower tower	TSRI-20-5,6		19.7	7.4	7.4	15120
Torre / Tower	TSR20 TSR20-5,6		14.0 19.7	7.4 7.4	7.4 7.4	6860 9280
Torre asiento pista + Torre superior + Orientación Slewing table + Top tower + Slewing mechanism			31.7	7.6	8.4	34890
Punta de torre / Tower head			19.2	7.5	7.8	11680
Torre asiento pista + Base punta de torre + Orientación Slewing table + Tower head base + Slewing mechanism			15.3	8.4	8.1	23200
Tramo de pluma Jib section	1 2 3 4 5 6 7 8 9		20.3 34.3 34.5 34.6 34.6 34.6 18.4 12.2 6.6	7.1 5.0 5.0 5.0 4.9 4.9 4.9 4.9 6.2	5.8 5.7 5.7 5.7 5.7 5.7 5.7 6.1 6.7	4010 5960 5800 5040 4110 3860 2130 2150 2260
Contrapluma + Mecanismos + Pasteca + Plumin Counterjib + Mechanisms + Reeving block + Auxiliary jib			21.7	7.8	9.1	45310
Contrapluma + Elevacion pluma + Pasteca + Plumin Counterjib + Luffing mechanisms + Reeving block + Auxiliary jib			21.7	7.2	8.4	26150
Mecanismo elevacion carga / Hoisting mechanism			8.7	8.1	7.1	19160
Polipasto / Hook assembly	TD/2R TD		3.3 0.6	1.4 1.1	6.5 6.9	1730 840

LISTA DE EMBARQUE / PACKING LIST

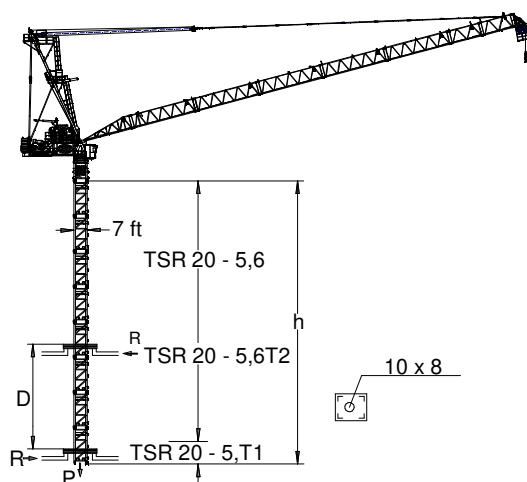
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		L (ft)	A (ft)	H (ft)	P/W (lb)
Tirante sostén pluma / Jib support tie		19.2	1.4	2.0	5240
Parte superior / Top part		39.2	7.4	5.6	15080
Plataforma + Cabina / Platform + Cabin		12.0	6.3	8.1	2490
Transporte torre de montaje / Jacking cage transport	TM20PASR-5,6 	35.5	7.5	7.9	26760
Contrapeso / Counterweight		14.8	1.1	2.7	13230
		7.2	1.1	2.7	6610
		10.5	1.1	3.8	13230
Contrapeso / Counterweight Lastre / Ballast		12.5	1.9	4.9	13230

TREPADO / CLIMBING

J438PA.2R

*Dmin ■



h _{max} : TSR20-5,6T1 + 5 x TSR20-5,6 + TSR20-5,6T2		
 164 ft → 35300 lb	▶	■ (D■)
h (ft)	129	
D (ft)	37 - 59	
P (lbf)	376550	340590
R _{max} (lbf)	124770	140510
TSR20-5,6T1: 206.31.400 TSR20-5,6T2: 206.31.500		

Trepado interno / Internal climbing

Viento fuera de servicio / Out of service wind

Consultar / Consult

▶ En servicio / In service

■ Fuera de servicio / Out of service

★ Opcional / Optional



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DELEGACIÓN / DEALER