



GRUA TORRE / TOWER CRANE

UNE-EN-ISO 9001

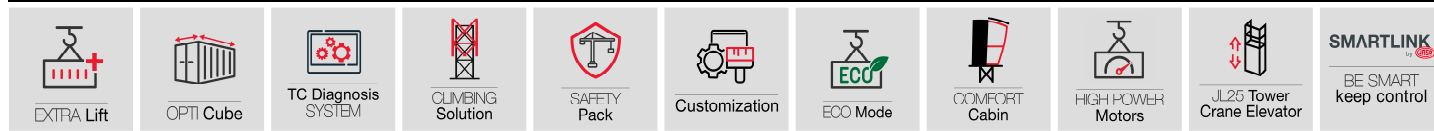


D ■ Distancias fuera de servicio dependen de la altura de la torre / Out of service distances depend on tower height

*D_{min} ■ 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 1216.40.000	Tramo pluma 6 / Jib section 6216.45.000	TR24-5,6 206.32.000	TSP20214.31.300 TSP20-5,6214.31.100
Tramo pluma 2 / Jib section 2216.41.000	Tramo pluma 7 / Jib section 7216.46.000	TRD24-5,6 206.32.300	
Tramo pluma 3 / Jib section 3216.42.000	Tramo pluma 8 / Jib section 8206.47.200	TRID24-5,6 156.30.800	
Tramo pluma 4 / Jib section 4216.43.000	Tramo pluma 9 / Jib section 9212.48.000	TR24/TSR20 204.36.500	
Tramo pluma 5 / Jib section 5216.44.000			

CUSTOMIZE YOUR CRANE

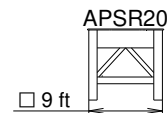


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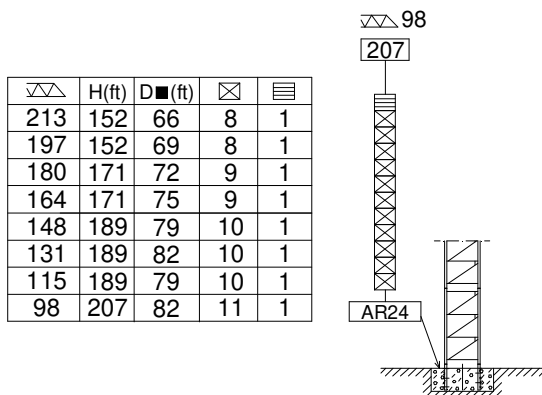
OPTIMUS
line 

 *Dmin ■

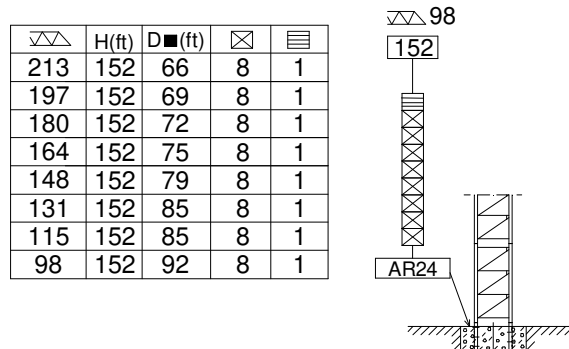


(H) ESTACIONARIA / STATIONARY

TD

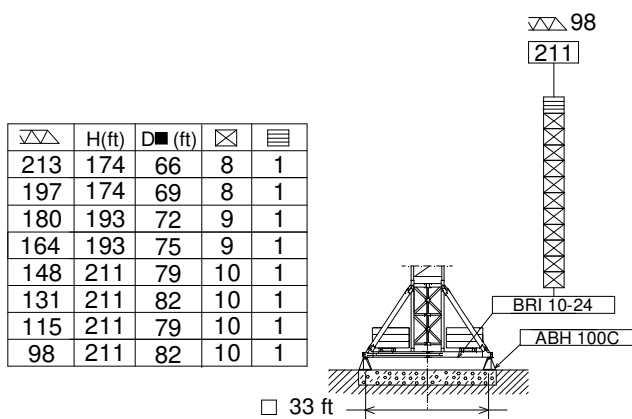


TD / 2R

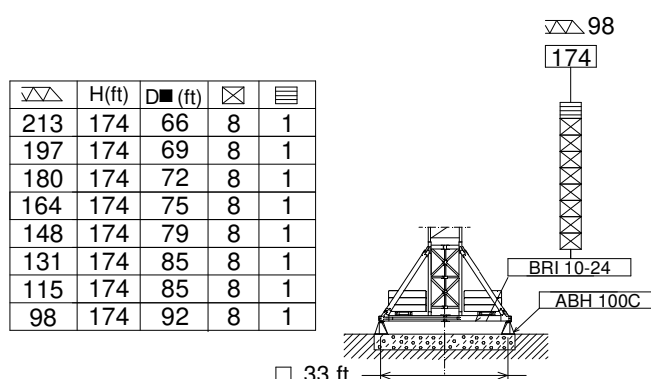


(H) ESTACIONARIA 3 / STATIONARY 3

TD

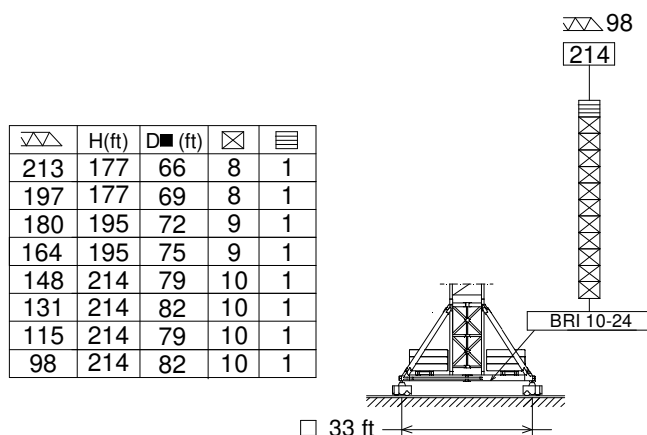


TD / 2R

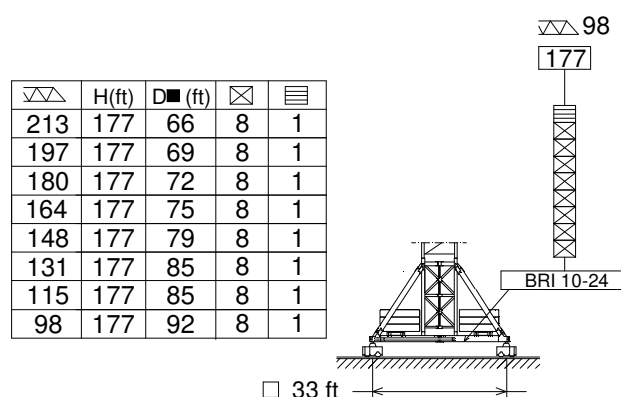


(H) TRASLACION / TRAVELLING

TD



TD / 2R



≡ TR24/TSR20

☒ TR24-5,6

ASRD 20/24 156.21.000
AR24 156.21.200

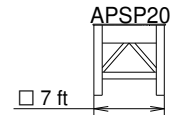
BRI 10-24 156.20.500
ABH 100C 170.23.000

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



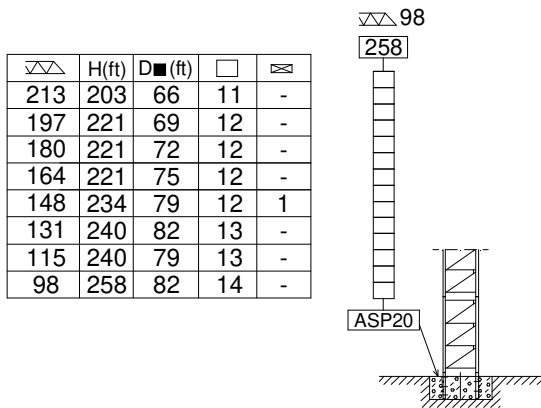
FEM 1005 - C25

 *Dmin ■

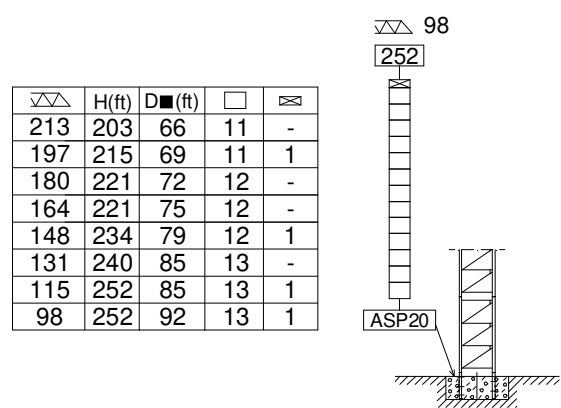


(H) ESTACIONARIA / STATIONARY

TD

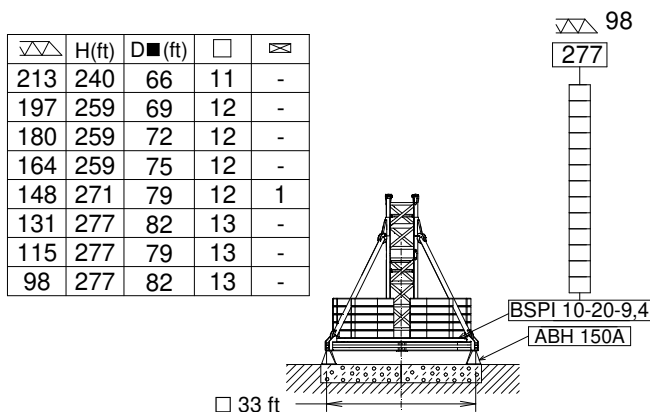


TD / 2R

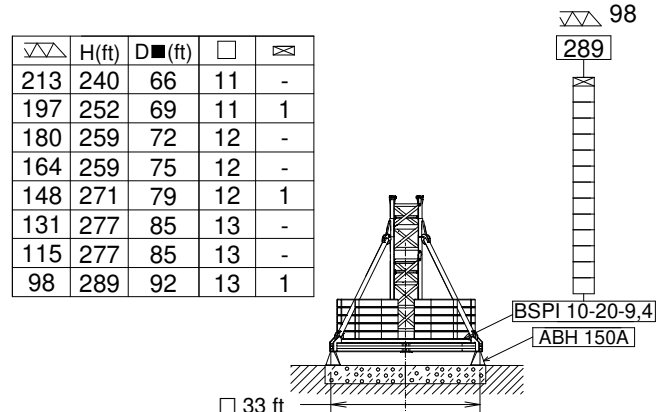


(H) ESTACIONARIA 3 / STATIONARY 3

TD

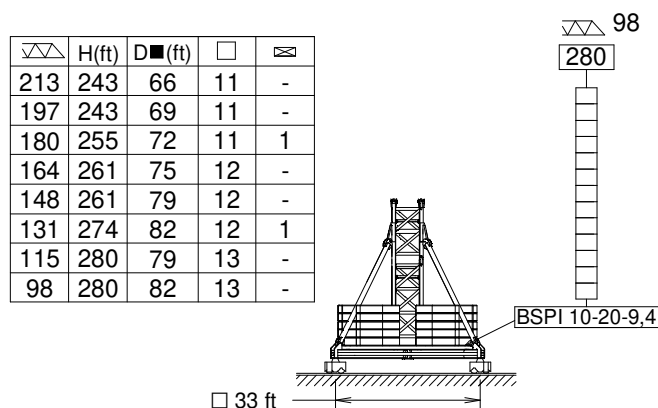


TD / 2R

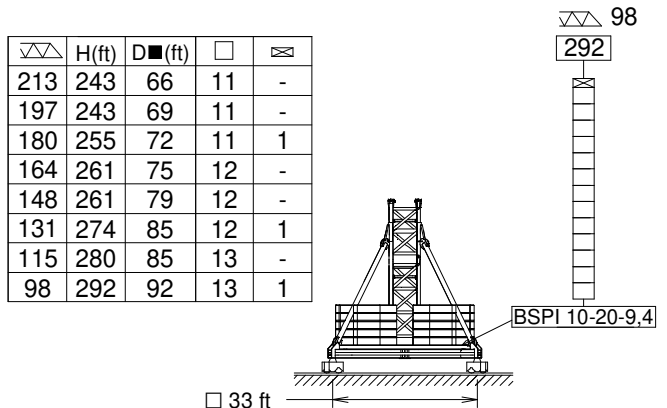


(H) TRASLACION / TRAVELLING

TD



TD / 2R



⊠ TSP20

□ TSP20-5,6

ASP20212.21.200

ABH 150A212.23.000

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



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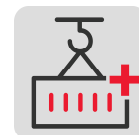


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TD - 35300 lb



EXTRA Lift

	TD 35300 lb @ ... (m)	82	98	115	131	148	164	180	197	213	
213	143	35300	35300	35300	35300	33300	27800	23100	19200	15900	
	148	35300	35300	35300	35300	35300	29500	25100	20900	17400	+
197	146	35300	35300	35300	35300	34400	28900	24300	20300	—	
	151	35300	35300	35300	35300	35300	30600	26200	22000	—	+
180	148	35300	35300	35300	35300	35300	29500	24900	—	—	
	153	35300	35300	35300	35300	35300	31500	26900	—	—	+
164	151	35300	35300	35300	35300	35300	30600	—	—	—	
	156	35300	35300	35300	35300	35300	32400	—	—	—	+
148	148	35300	35300	35300	35300	35300	—	—	—	—	
	148	35300	35300	35300	35300	35300	—	—	—	—	+
131	131	35300	35300	35300	35300	—	—	—	—	—	
	131	35300	35300	35300	35300	—	—	—	—	—	+
115	115	35300	35300	35300	—	—	—	—	—	—	
	115	35300	35300	35300	—	—	—	—	—	—	+
98	98	35300	35300	—	—	—	—	—	—	—	
	98	35300	35300	—	—	—	—	—	—	—	+



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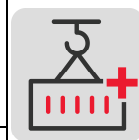


TD/2R

35300 / 70500 (lb)



ft



EXTRA Lift

		TD 35300 lb @ (m)	66	82	98	115	131	148	164	180	197	213	
	2R 70500 lb @ (m)	138	35300	35300	35300	35300	35300	31500	26000	21400	17600	14300	
213		144	35300	35300	35300	35300	35300	33700	28200	23400	19400	15700	+
		141	35300	35300	35300	35300	35300	32800	27300	22700	18700	—	
197		147	35300	35300	35300	35300	35300	34800	29300	24700	20500	—	+
		143	70500	70500	61100	49400	40600	33700	28000	23400	—	—	
180	88	149	70500	70500	62600	51100	42500	35700	30200	25600	—	—	+
		146	70500	70500	62400	50700	41700	34800	29100	—	—	—	
164	90	152	70500	70500	63900	52200	43700	37000	31300	—	—	—	+
		148	70500	70500	64400	52500	43400	36400	—	—	—	—	
148	92	148	70500	70500	66100	54200	45400	38600	—	—	—	—	+
		131	70500	70500	66600	54500	45200	—	—	—	—	—	
131	94	131	70500	70500	68100	56200	47200	—	—	—	—	—	+
		115	70500	70500	68800	56400	—	—	—	—	—	—	
115	96	115	70500	70500	70500	58200	—	—	—	—	—	—	+
		98	70500	70500	70500	—	—	—	—	—	—	—	
98	98	98	70500	70500	70500	—	—	—	—	—	—	—	+
	2R 39700 lb @ (ft)	TD 19800 lb @ (ft)											
			82	98	115	131	148	164	180	197	213		
213	128	190	39700	39700	39700	39500	31500	26000	21400	17600	14300		
	133	196	39700	39700	39700	39700	33700	28200	23400	19400	15700		+
	2R 57300 lb @ (ft)	TD 28700 lb @ (ft)											
			66	82	98	115	131	148	164	180	197		
197	102	159	57300	57300	57300	48500	39700	32800	27300	22700	18700		
	104	167	57300	57300	57300	50000	41700	34800	29300	24700	20500		+

Datos válidos para / Valid data for

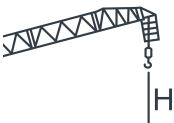
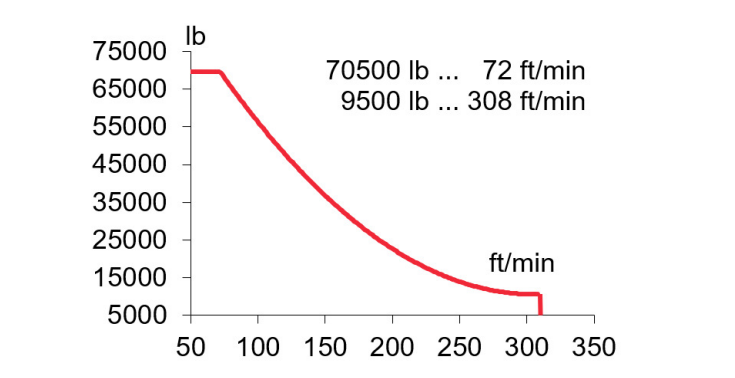
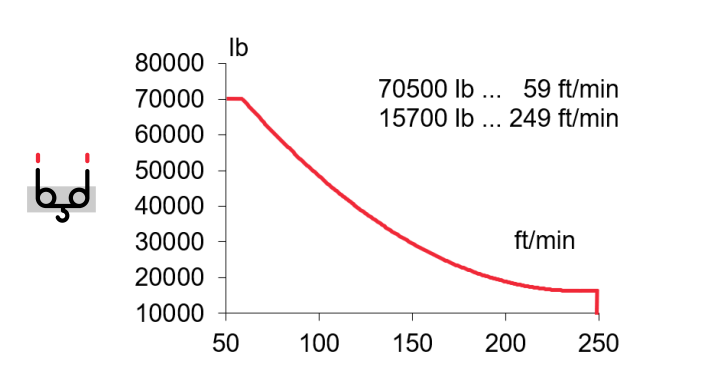
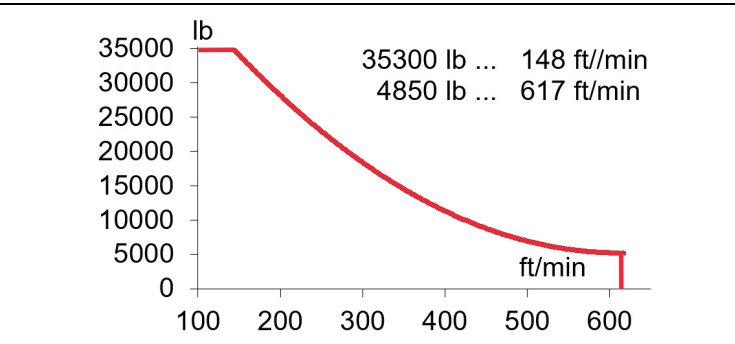
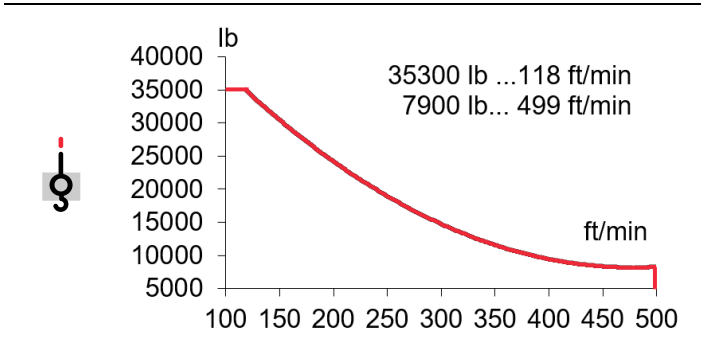

 2R H ≤ 361 ft
 TD H ≤ 722 ft


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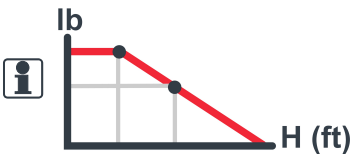
EC150152VF
110 kW

*** EC180188VF**
132 kW



$H \leq \frac{TD}{2R}$

2133 ft
1066 ft



OG2008VF
2 X 7,3 kW

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

EP10015VF
75 kW

1,5
min

TG4025VF
4 x 7,5 kW

0...82
ft/min

3~ 400V 50Hz
480V 60Hz

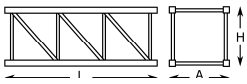
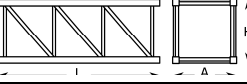
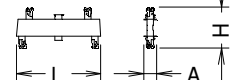
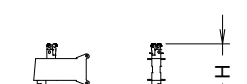
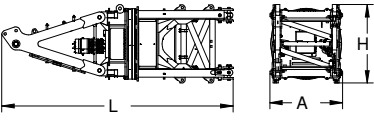
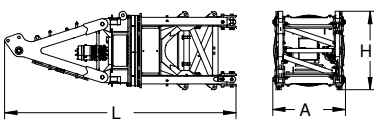
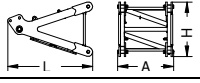
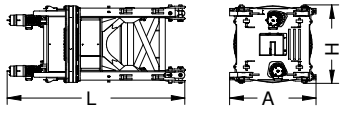
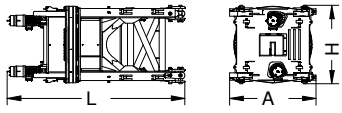
KVA			
EC150152VF	103	146	189
EC180188VF	114	162	210



FEM 1005 - C25



LISTA DE EMBARQUE / PACKING LIST
J638PA

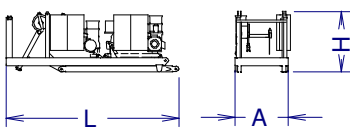
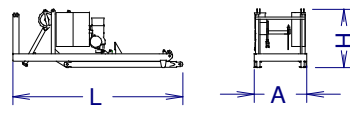
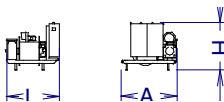
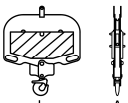
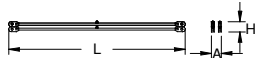
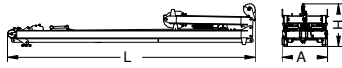
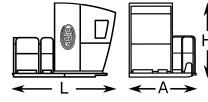
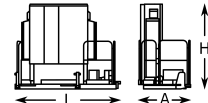
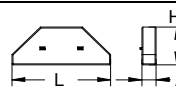
			L (ft)	A (ft)	H (ft)	P/W (Lb)
Torre inferior / Lower tower	TRID24-5,6		19.7	7.0	7.1	18190
Torre desmontada / Dismantled tower	TRD24-5,6		19.7	8.3	3.9	10850
Torre / Tower	TR24-5,6		19.7	8.9	9.2	9900
	TSP20		14.4	7.5	7.8	12380
	TSP20-5,6		20.2	7.5	7.8	16900
Larguero largo, reducción / Long crossbar, reduction	TR24/TSR20		15.9	2.1	5.5	6280
Larguero corto reducción / Short crossbar, reduction	TR24/TSR20		7.8	1.9	5.5	3190
Torre asiento pista + Torre superior + Orientación / Slewing table + Top tower + Slewing mechanism	APSR20		24.7	7.8	8.3	41450
Torre asiento pista + Torre superior + Orientación / Slewing table + Top tower + Slewing mechanism	APSP20		24.7	7.6	8.6	49600
Punta de torre / Tower head			11.0	7.3	6.8	12790
Torre asiento pista + Base punta de torre + Orientación Slewing table + Tower head base + Slewing mechanism	APSR20		17.1	8.3	7.8	28660
Torre asiento pista + Base punta de torre + Orientación Slewing table + Tower head base + Slewing mechanism	APSP20		17.1	7.6	8.3	36820
Tramo de pluma Jib section	1		20.3	7.1	5.8	4030
	2		34.3	5.0	5.7	5560
	3		34.5	5.0	5.7	5270
	4		34.6	5.0	5.7	4760
	5		34.6	4.9	5.7	4320
	6		34.6	4.9	5.7	3860
	7		18.4	4.9	5.7	2270
	8		12.2	4.9	6.1	2250
	9		6.6	6.2	6.7	2230


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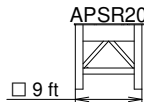
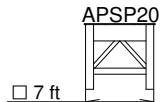
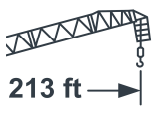

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LISTA DE EMBARQUE / PACKING LIST
J638PA

		L (ft)	A (ft)	H (ft)	P/W(Lb)
Contrapluma + Mecanismos + Pasteca + Plumín (sin cable de elevación) / Counterjib + Mechanisms + Reeving block + Auxiliary jib (without hoisting rope)		29.9	7.8	9.1	56220
Contrapluma + Elevacion pluma + Pasteca + Plumín Counterjib + Luffing mechanisms + Reeving block + Auxiliary jib		29.9	7.2	8.4	37700
Mecanismo elevacion carga sin cable / Hoisting mechanism without rope		8.0	8.1	7.1	18520
Polipasto / Hook assembly	TD/2R TD 	3.3 0.6	1.4 1.1	6.5 6.9	1730 840
Tirante sostén pluma / Jib support tie		17.7	1.4	2.0	4740
Parte superior / Top part		39.2	7.2	6.8	28880
Plataforma + Cabina / Platform + Cabin		11.5	6.8	7.9	2470
Armario eléctrico + Plataforma Electrical cabinet + Platform		8.7	4.3	7.7	1810
Contrapeso / Counterweight	Lastre / Ballast 	12.5	1.9	4.9	13230

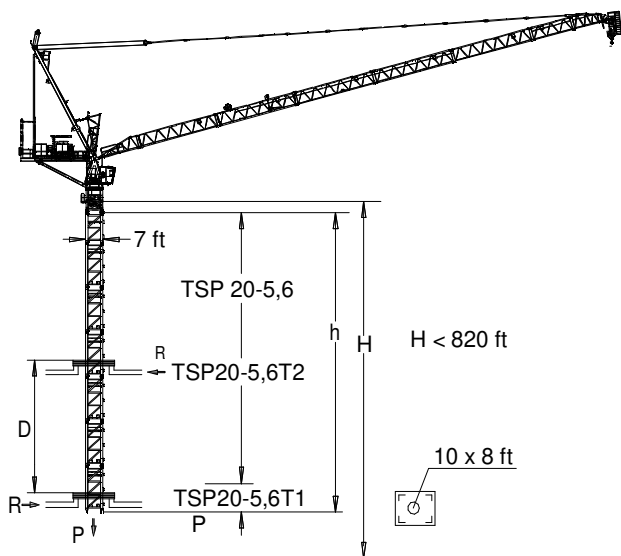
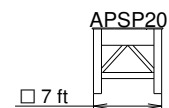
TRANSPORTE / TRANSPORT
J638PA

			
	$H = 8 \times \text{TRD24-5,6} + \text{TR24/TSR20} + \text{ASRD 20/24} +$	10 x 	10 x 
			
	$H = 8 \times \text{TSP20-5,6} + \text{ASPD 20/24} +$	12 x 	12 x 


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TSP20-5,6T1: 214.31.400

TSP20-5,6T2: 214.31.600

 $h_{\max}: \text{TSP20-5,6T1} + 8 \times \text{TSP20-5,6} + \text{TSP20-5,6T2}$

h (ft)	184	
D (ft)	29 - 87	
P (lbf)	509190	437250
Rmax (lbf)	227510	435900

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

h (ft)	147	
D (ft)	31 - 68	
P (lbf)	486940	415000
Rmax (lbf)	203450	333620

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