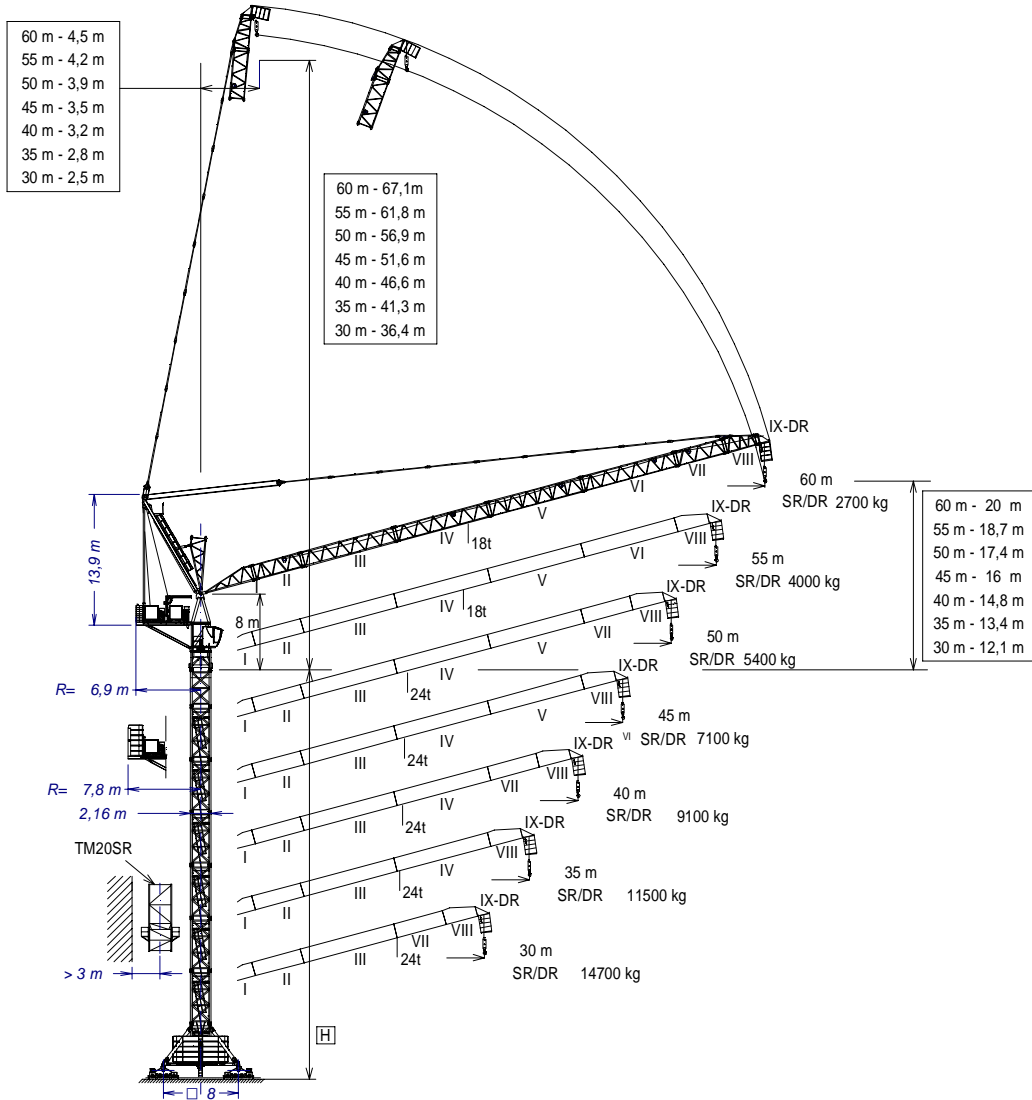




SISTEMA DE CALIDAD CERTIFICADO SEGUN
QUALITY ASSURANCE SYSTEM CERTIFIED ACCORDING TO
UNE-EN-ISO 9001

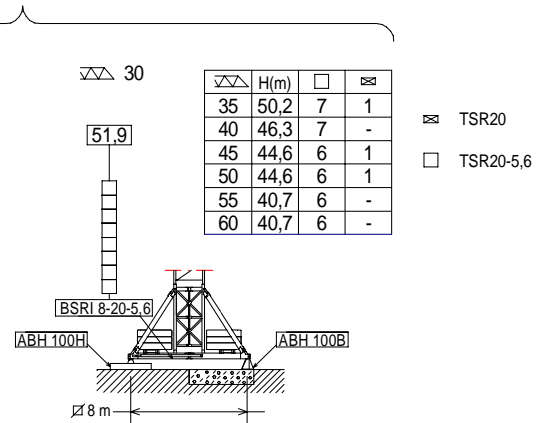
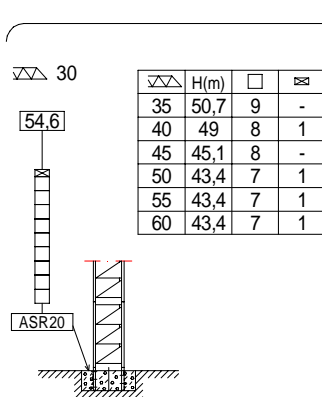
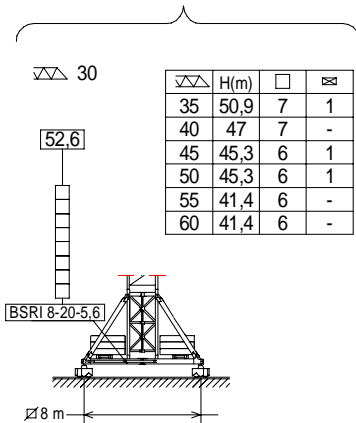


H = Máxima altura de torre sin arriostrar (m).
Maximum tower height without fastening (m).

Tramo pluma I	204.40.000	Tramo pluma IX-DR	204.48.000
Tramo pluma II	204.41.000	BSR18-20-5,6	166.20.500
Tramo pluma III	204.42.000	ASR20	160.21.200
Tramo pluma IV	204.43.000	TSR20	153.31.800
Tramo pluma V	204.44.000	TSR20-5,6	204.31.000
Tramo pluma VI	204.45.000	TM20SR	204.35.000
Tramo pluma VII	204.46.000	ABH100B	204.23.000
Tramo pluma VIII	204.47.000	ABH100H	156.23.500

(Hsr) TRASLACION/ TRAVELLING

(Hsr) ESTACIONARIA/ STATIONARY




Viento fuera de servicio / Out of service wind: FEM 1005 - C25







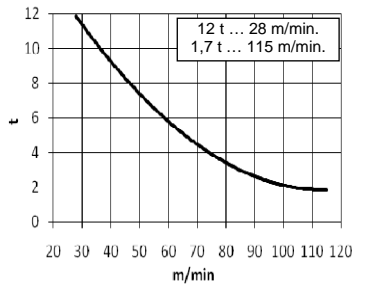
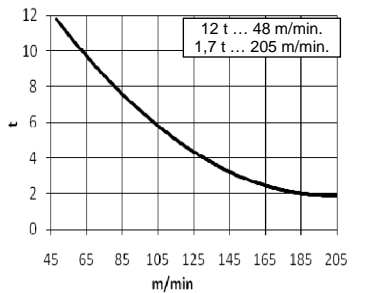

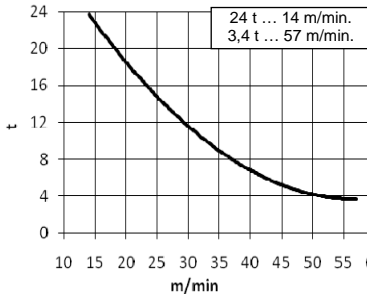
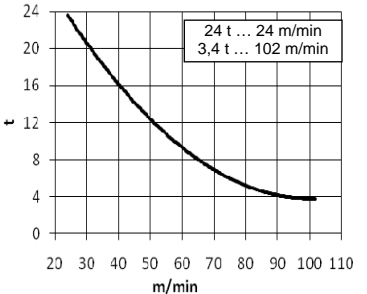



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		SR/DR (kg)		Carga máxima / Maximum load					SR/DR – 9000/18000		SR/DR – 12000/24000	
PLUM A JIB	Alcance del gancho (m) / Hook reach (m)								9000 18000 kg a ... (m)		12000 24000 kg a ... (m)	
	60	55	50	45	40	35	30	25				
60 m	2700	3810	5110	6670	8600	$\frac{9000}{11080}$	$\frac{9000}{14390}$	$\frac{9000}{18000}$	$\frac{39,1}{25,9}$	-		
55 m	—	4000	5300	6840	8740	$\frac{9000}{11170}$	$\frac{9000}{14390}$	$\frac{9000}{18000}$	$\frac{39,4}{25,8}$	-		
50 m	—	—	5400	6950	8840	11240	$\frac{12000}{14420}$	$\frac{12000}{18850}$	-	$\frac{33,7}{20,9}$		
45 m	—	—	—	7100	8990	11360	$\frac{12000}{14490}$	$\frac{12000}{18850}$	-	$\frac{33,9}{20,9}$		
40 m	—	—	—	—	9100	11460	$\frac{12000}{14540}$	$\frac{12000}{18082}$	-	$\frac{34,0}{20,8}$		
35 m	—	—	—	—	—	11500	$\frac{12000}{14570}$	$\frac{12000}{18800}$	-	$\frac{34,1}{20,7}$		
30 m	—	—	—	—	—	—	$\frac{12000}{14700}$	$\frac{12000}{18870}$	-	$\frac{30,0}{20,7}$		

CARACTERISTICAS DE MECANISMOS / MECHANISMS FEATURES

*opcional *optional							
		EC88115VF	*EC150205VF	TG4025VF	OG2008VF	EP10015VF	TH4010
	t m/min			0...25 m/min	0...0,2 0,2...0,4 0,4...0,8 r/min	1,5 min	0,6 m/min
	t m/min				sl/min		
kW		65	110	4 x 7,5	2 x 7,3	75	29,4
Máx. recorrido gancho Maximum hook course		SR DR	828m 414m	 Potencia necesaria con (estacionaria): Power required with (stationary) EC88115VF = 154,6 kW EC150205VF = 199,6 kW			

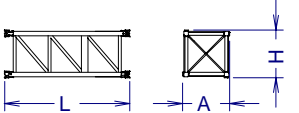
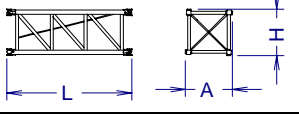
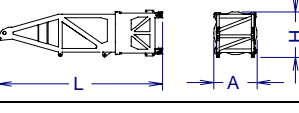
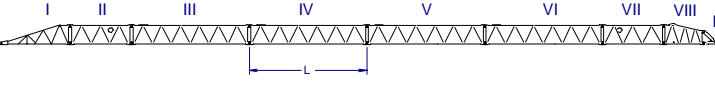
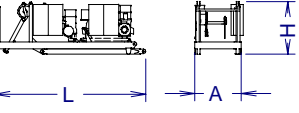
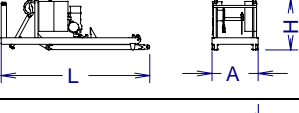
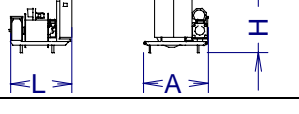
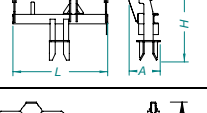
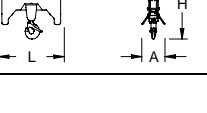
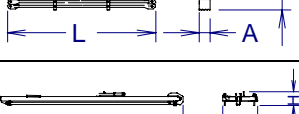
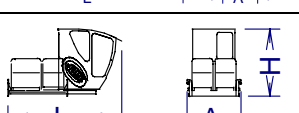
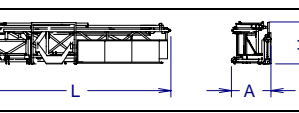
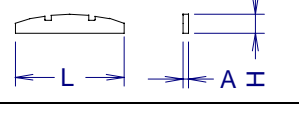
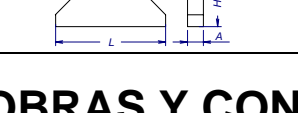
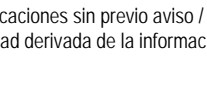
Importante: A medida que la altura bajo gancho aumenta, disminuye la capacidad de carga de la grúa. Parar alturas superiores a la autoestable consultar a JASO EQUIPOS DE OBRAS Y CNES, S.L.

Important: When the height under hook increases, the hoisting load will decrease. If the height under hook is higher than the free standing height, consult to JASO EQUIPOS DE OBRAS Y CNES, S.L.

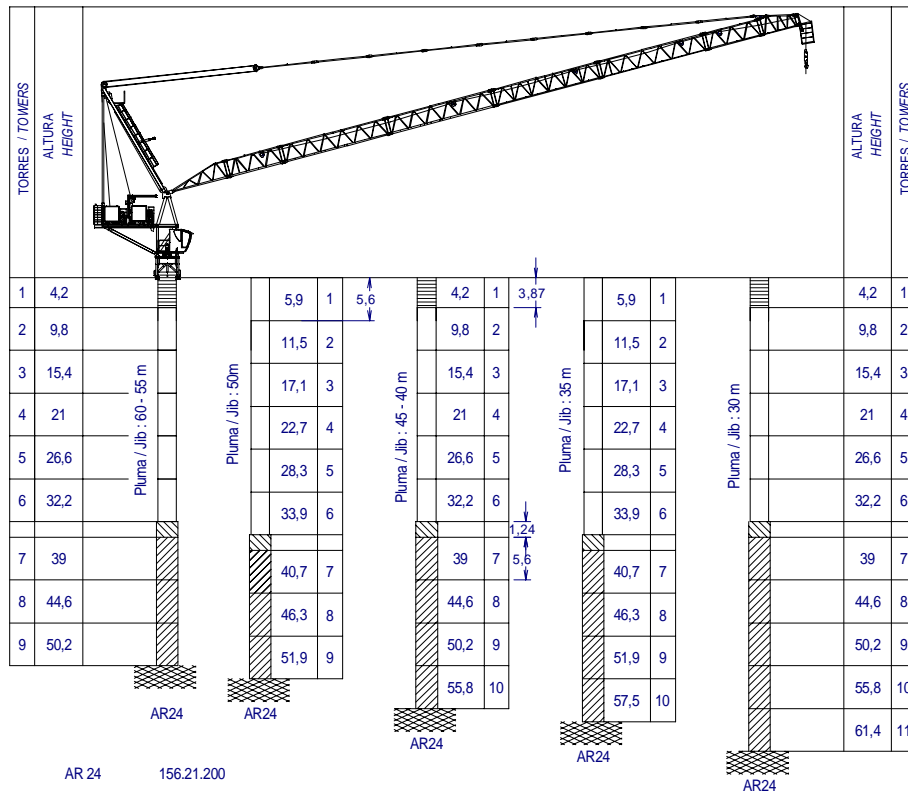


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DENOMINACION / DENOMINATION		L [m]	A [m]	H [m]	P / W [kg]	
Torre inferior <i>Lower tower</i>	TSRI-20-5,6		5,990	2,257	2,257	6562
Torre <i>Tower</i>	TSR20 TSR20-5,6		4,260 5,990	2,251 2,257	2,251 2,257	3110 4262
Torre asiento pista, torre superior y orientación <i>Slewing table, top tower and slewing mechanism</i>			4,860	8,760	2,315	13150
Tramo de pluma <i>Jib section</i>	[I]		6,265	2,140	1,715	1500
	[II]		5,525	1,580	1,725	1120
	[III]		10,485	1,580	1,725	2015
	[IV]		10,485	1,580	1,725	1856
	[V]		10,485	1,580	1,725	1680
	[VI]		10,485	1,580	1,725	1450
	[VII]		5,575	1,580	1,725	810
	[VIII]		3,695	1,580	1,830	865
	[IX]		1,400	1,580	1,400	300
Contrapluma con mecanismos, pasteca y plumin <i>Counterjib with mechanisms, reeving block and auxiliary jib</i>			7,150	2,200	2,470	19112
Contrapluma con elevacion pluma, pasteca y plumin <i>Counterjib with luffing mechanisms, reeving block and auxiliary jib</i>			7,150	2,200	2,470	10570
Mecanismo elevacion carga <i>Hoisting mechanism</i>			2,400	2,135	2,075	8542
Punta pluma <i>Jib end</i>	SR/DR		1,45	0,640	1,330	400
Polipasto <i>Hook assembly</i>	SR/DR		1,620	0,267	1,730	770
Tirante sostén pluma <i>Jib support tie</i>			5,830	0,430	0,480	2095
Parte superior <i>Top part</i>			11,900	2,200	0,860	5380
Plataforma y cabina (2 x 1,5) <i>Platform and cabin (2 x 1,5)</i>			4,000	1,905	2,335	1190
Transporte torre de montaje <i>Jacking cage transport</i>	TM20SR		10,820	2,285	2,395	11725
Contrapeso <i>Counterweight</i>			4,360	0,330	0,790	4800
Contrapeso <i>Counterweight</i>	Lastre <i>Ballast</i>		3,8	0,58	1,5	6000





AR 24	156.21.200
TSR20	153.31.800
TSR20-5,6	204.31.000
TR24/TSR20	204.36.000
TR24-5,6	156.30.700
TRD24-5,6	156.30.300

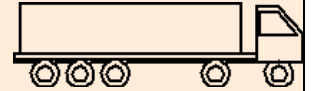
Viento fuera de servicio / Out of service wind: FEM 1005 - C25

Para otras configuraciones de torre, consultar.
For other tower configurations, consult.

Transporte grúa de 41,4 m y 60 m de pluma con traslación de 8x8m., con cabina, sin lastre

Transport of 41,4 m crane with a 60m jib, travelling base 8x8m., cabin without base ballast

En camiones / In trucks



9 unidades / 9 units

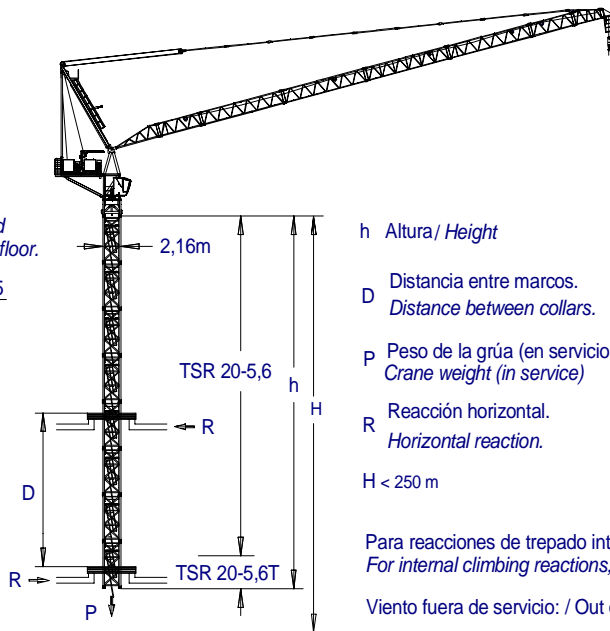
contenedores / In containers

HIGH CUBE 40'

9 unidades / 9 units

Hueco mínimo
Useful area around the opening in the floor.

2,8 x 2,45



$$h_{max} = \text{TSR 20-5,6T} + 6 \times \text{TSR 20-5,6}$$

	En servicio / In service	Fuera de servicio / Out of service
h (m)		39,2
D (m)		14,5 - 19
P (kN)	1470	1290
R _{max} (kN)	420	720

Pluma / Jib: 60 m

Para reacciones de trepado interno, consultar. TSR 20-5,6T: 204.31.700
For internal climbing reactions, consult.

Viento fuera de servicio / Out of service wind: FEM 1005 - C25



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