

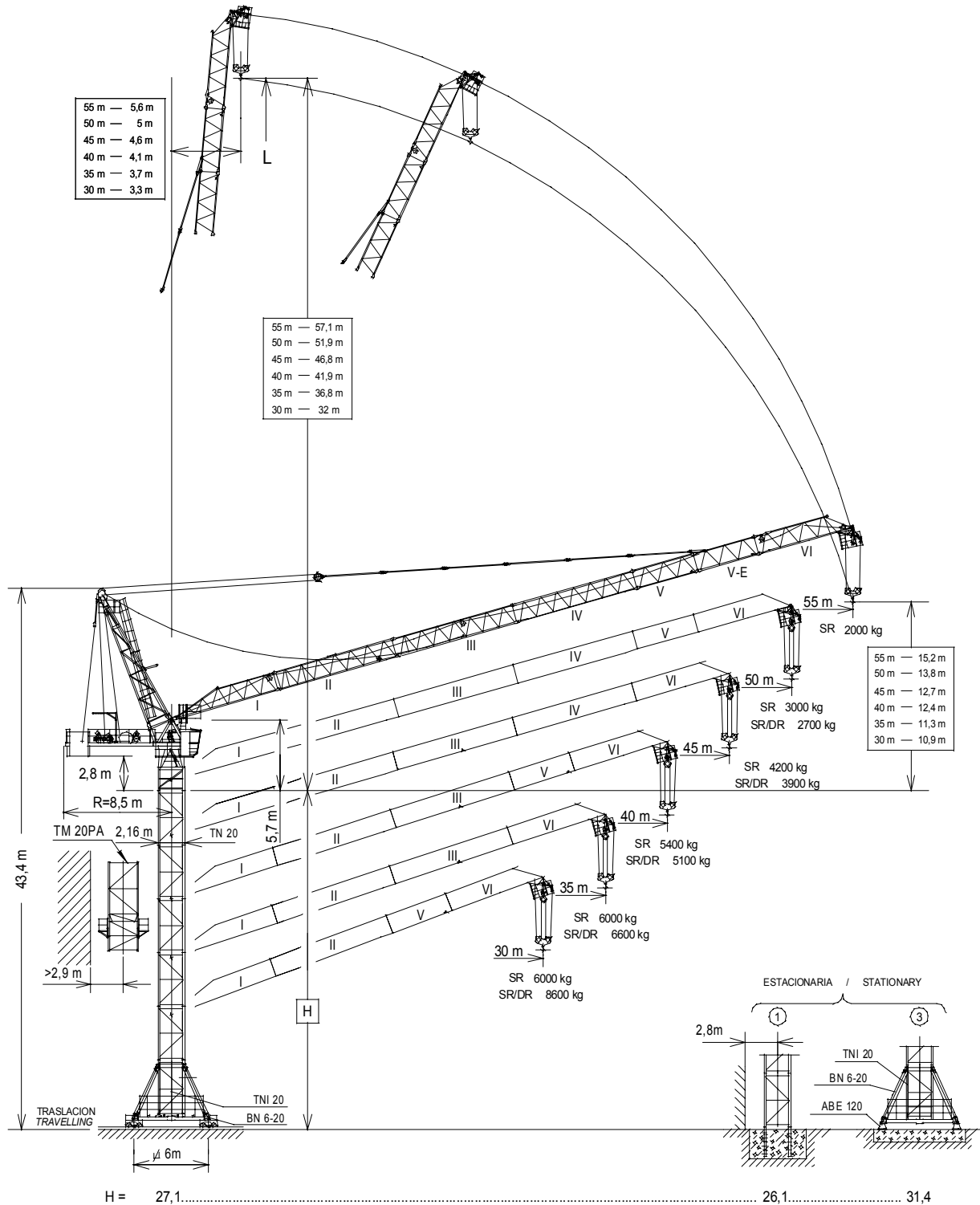
GRUA TORRE TOWER CRANE

J180LPA

De acuerdo con UNE 58-101-92 According to FEM 1001-87
 Directivas de nivel de potencia acústica / Sound power level directives
 84/534/CEE & 87/405/CEE
 Directivas de máquinas / Machinery directives
 89/392/CEE & 91/368/CEE

SISTEMA DE CALIDAD CERTIFICADO SEGUN
 QUALITY ASSURANCE SYSTEM CERTIFIED ACCORDING TO

UNE-EN-ISO 9001



H = Máxima altura de torre sin arriostrar
 H = Maximum tower height without fastening

Tramo pluma I	-----	200.40.000	TM 20PA	-----	200.35.000
Tramo pluma II	-----	200.41.000	TNI 20	-----	200.30.500
Tramo pluma III	-----	200.42.000	BN 6-20	-----	200.20.000
Tramo pluma IV	-----	200.43.000	TN 20	-----	136.31.000
Tramo pluma V	-----	200.44.000	ABE 120	-----	142.23.000
Tramo pluma V-E	-----	200.47.000			
Tramo pluma VI	-----	200.45.000			



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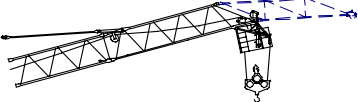
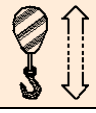
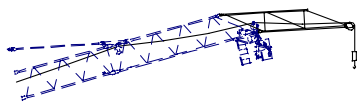
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CARGAS / LOADS

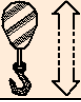
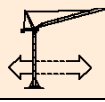
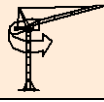




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SR (kg)		Cargas máximas / Maximum loads 6000 kg					6000 kg a
PLUMA JIB	Alcance del gancho (m) / Hook reach (m)						
	55	50	45	40	35	30	
55 m	2000	2760	3660	4760	6000	6000	35,5 m
50 m	—	3000	3900	5000	6000	6000	36,1 m
45 m	—	—	4200	5300	6000	6000	37,3 m
40 m	—	—	—	5400	6000	6000	37,7 m
35 m	—	—	—	—	6000	6000	35 m
30 m	—	—	—	—	—	6000	30 m

SR / DR (kg)		Cargas máximas / Maximum loads SR/DR - 6000/12000					6000/12000 kg a
PLUMA JIB	Alcance del gancho (m) / Hook reach (m)						
	50	45	40	35	30	25	
50 m	2700	3600	4650	6000	6000/7800	6000/10300	35,1/22,5 m
45 m	—	3900	5000	6000/6400	6000/8200	6000/10700	36,2/23 m
40 m	—	—	5100	6000/6500	6000/8300	6000/10800	36,6/23,2 m
35 m	—	—	—	6000/6600	6000/8400	6000/10900	35/23,2 m
30 m	—	—	—	—	6000/8600	6000/11100	30/23,5 m

 <p>-Con el plumín colocado reducir los valores del diagrama de cargas en 300 kg. - With jib extension assembled reduce the load diagram values in 300 kg.</p>	* opcional * optional		
 <p>Plumín: - Carga: 2000kg a tiro directo para cualquier alcance. Jib extension: - Load: 2000kg direct pull for any jib reach.</p>	2000kg	0...67 m/min	0...118 m/min
	<p>IMPORTANTE: El plumín solamente podrá ser colocado con alcances de pluma menores o iguales a 50 m. IMPORTANT: The jib extension can be only assembled with a jib reach of 50 m or less.</p>		

CARACTERISTICAS DE MECANISMOS / MECHANISMS FEATURES

MECANISMOS MECHANISMS	*opcional *optional							
	EJ6070VFE		*EJ100120VFA		TGJ2020VF	OR1507VFB	EPJ6015VFA	TH2006
kW	44,1		73,5		2x7,3	2x5,5	44,1	15
VELOCIDADES SPEEDS	SR 1700 kg 3000 kg 6000 kg	0...7...18...36...54...72 m/min 0...7...18...36...54 m/min 0...7...18...36 m/min	SR 1900 kg 3100 kg 6000 kg	0...7...30...60...90...120 m/min 0...7...30...60...90 m/min 0...7...30...60 m/min	0...20 m/min	0...0,2 0,2...0,35 0,35...0,7 r/min sl/min	1,5 min	0,6 m/min
Máx. recorrido gancho Maximum hook course	SR 186m 322m		3 capas / layers 5 capas máx. / max. layers			400V 50Hz	Potencia necesaria con ... Power required with ... EJ6070VFE = 113,8 kW EJ100120VFA = 143,2kW	
	DR 93m 161m		3 capas / layers 5 capas máx. / max. layers				480V 60Hz	Potencias y velocidades: 20% más Powers and speeds: 20% more

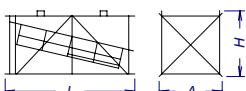
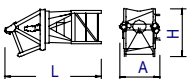
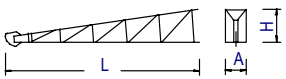
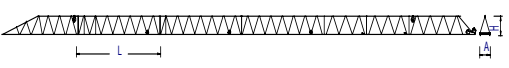
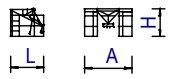
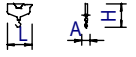

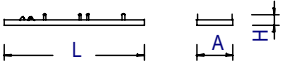

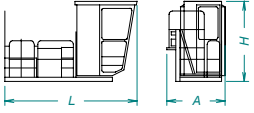
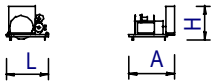



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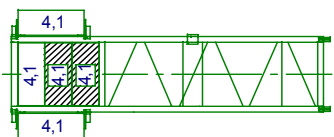
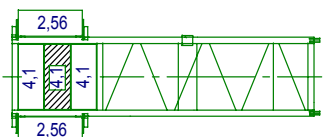
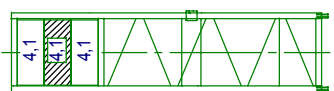
LISTA DE EMBARQUE / PACKING LIST

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DENOMINACION / DENOMINATION		L (m)	A (m)	H (m)	P / W (kg)	
Torre Tower	TN 20		4,475	2,201	2,261	2705
	TR 20		4,575	2,161	2,261	3548
	TR 20A		4,473	2,161	2,261	3504
Torre asiento pista, base punta torre y orientación Slewing table, tower head base and slewing mechanism			6,240	2,550	3,057	8710
Estructura punta de torre sin base Tower head structure without base			11,57	1,947	2,000	4440
Tramo pluma Jib section	(I)		9,180	2,040	1,595	1425
	(II)		10,160	1,226	1,555	1325
	(III)		10,160	1,226	1,555	1195
	(IV)		10,160	1,226	1,555	955
	(V)		5,270	1,226	1,555	600
	(V-E)		5,270	1,226	1,555	725
(VI)	8,015	1,258	1,645	1125		
Punta de pluma Jib end			1,785	2,375	1,455	347
Polipasto Hook assembly			1,2870	0,255	0,897	400
Tirante sostén pluma Jib support tie			5,000	0,300	0,450	975
Estructura contrapluma Counterjib structure			7,110	1,875	0,540	1145
Contrapluma con mecanismos Counterjib with mechanisms			7,110	2,230	1,819	7295
Plataforma y cabina Platform and cabin			3,686	1,630	2,250	787
Mecanismos Mechanisms	Elevación carga / Hoisting Elevación pluma / Luffing		1,919	2,110	1,540	2900
			1,948	2,170	1,400	3250
Torre de montaje Jacking cage			8,150	2,791	2,772	3590

CONTRAPESOS / COUNTERWEIGHTS

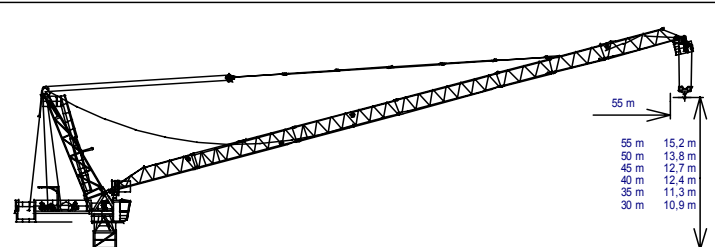
 Piedras para montaje
Counterweight blocs for assembly

PLUMA / JIB	55 m (SR)	50-45-40-35 m (SR/DR) 30 m (DR)	30 m (SR)
Disposición de piedras Blocks position			
Total (t)	20,5	17,42	12,3



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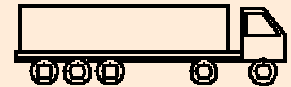


TORRES TOWERS	ALTURA HEIGHT					ALTURA HEIGHT	TORRES TOWERS
1	4,57	TN 20	TN 20	TN 20	136.31.000	4,57	1
2	8,89	TND 20	TND 20	TND 20	136.31.500	8,89	2
3	13,21					13,21	3
4	17,53					17,53	4
5	21,85					21,85	5
6	26,17		TR 20A TRD 20A	TR 20A TRD 20A	136.30.400 136.30.800	26,17	6
7	30,49	AN 20 AND 17/20/23 ANDC 17/20/23	TR 20 TRD 20	TR 20 TRD 20	136.30.000 136.30.500	30,49	7
8	34,81					34,81	8
9	39,13					39,13	9
10	43,45					43,45	10
11	47,77					47,77	11
		AN 20 AND 17/20/23 ANDC 17/20/23 AR 20 ARD 17/20/23 ARDC 17/20/23 AR 23	AR 20 ARD 17/20/23 ARDC 17/20/23	TR 23/ TR 20 TR 23 TRD 23	142.36.500 142.30.000 142.30.500	48,82 53,14 57,46 61,78	12 13 14

Transporte grúa auto estable con traslación □ 6m. y sin lastre

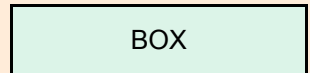
Free standing crane transport with travelling base □ 6m. without base ballast

En camiones / In trucks



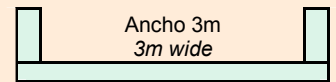
4 unidades / 4 units

En contenedores / In containers



4 unidades / 4 units

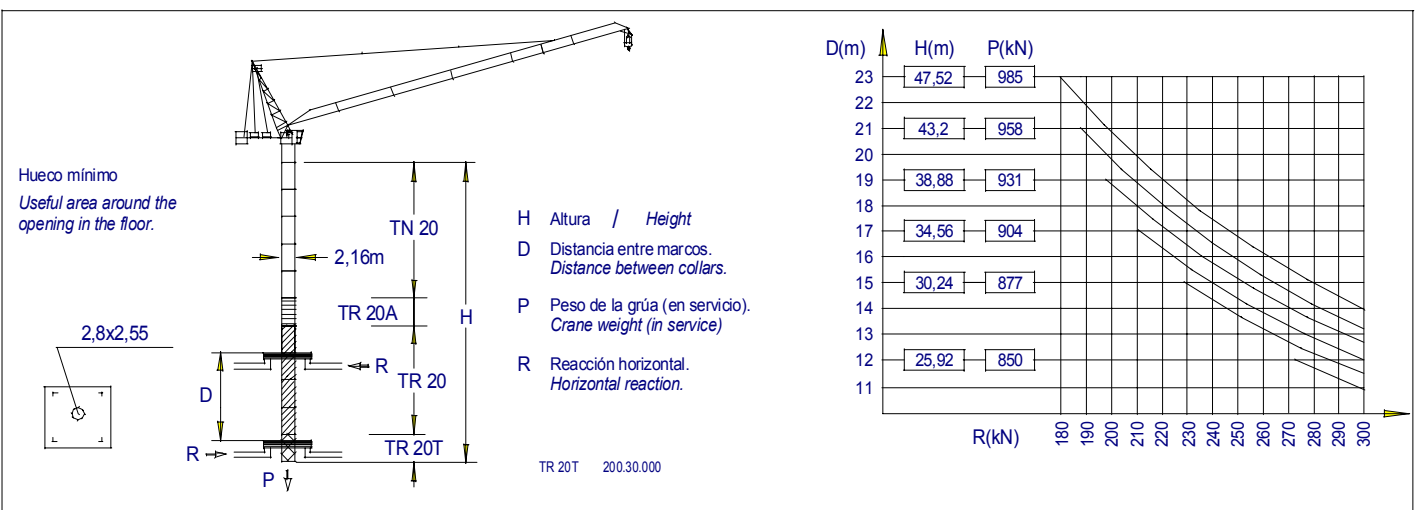
FLAT RACK



1 unidad / 1 unit

Las configuraciones de torre representadas son recomendaciones de montaje que pueden ser utilizadas en cualquier instalación. Cada tramo de torre, en la posición indicada, puede asimismo ser utilizado como elemento inferior de torre en grúa autoestable estándar con su correspondiente altura bajo gancho. Configuraciones de torre para mayores alturas bajo gancho o con diferentes tramos de torre no representadas aquí, pueden ser también posibles aunque deben ser verificadas y confirmadas por escrito por nuestro departamento técnico en cada caso individual y antes de que empiece la instalación de la grúa.

The represented tower configurations are assembly recommendations that can be used in any installation. Each tower section in its indicated position can also be used as the lower element of the mast tower in standard freestanding crane with its corresponding height under hook. Tower configurations not shown here, with greater heights under hook or with different tower sections, are also possible but must be checked and confirmed in writing by our technical department in every individual case and before crane installation starts.



JASO EQUIPOS DE OBRAS Y CONSTRUCCIONES, S.L.

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DELEGACION / DELEGATION