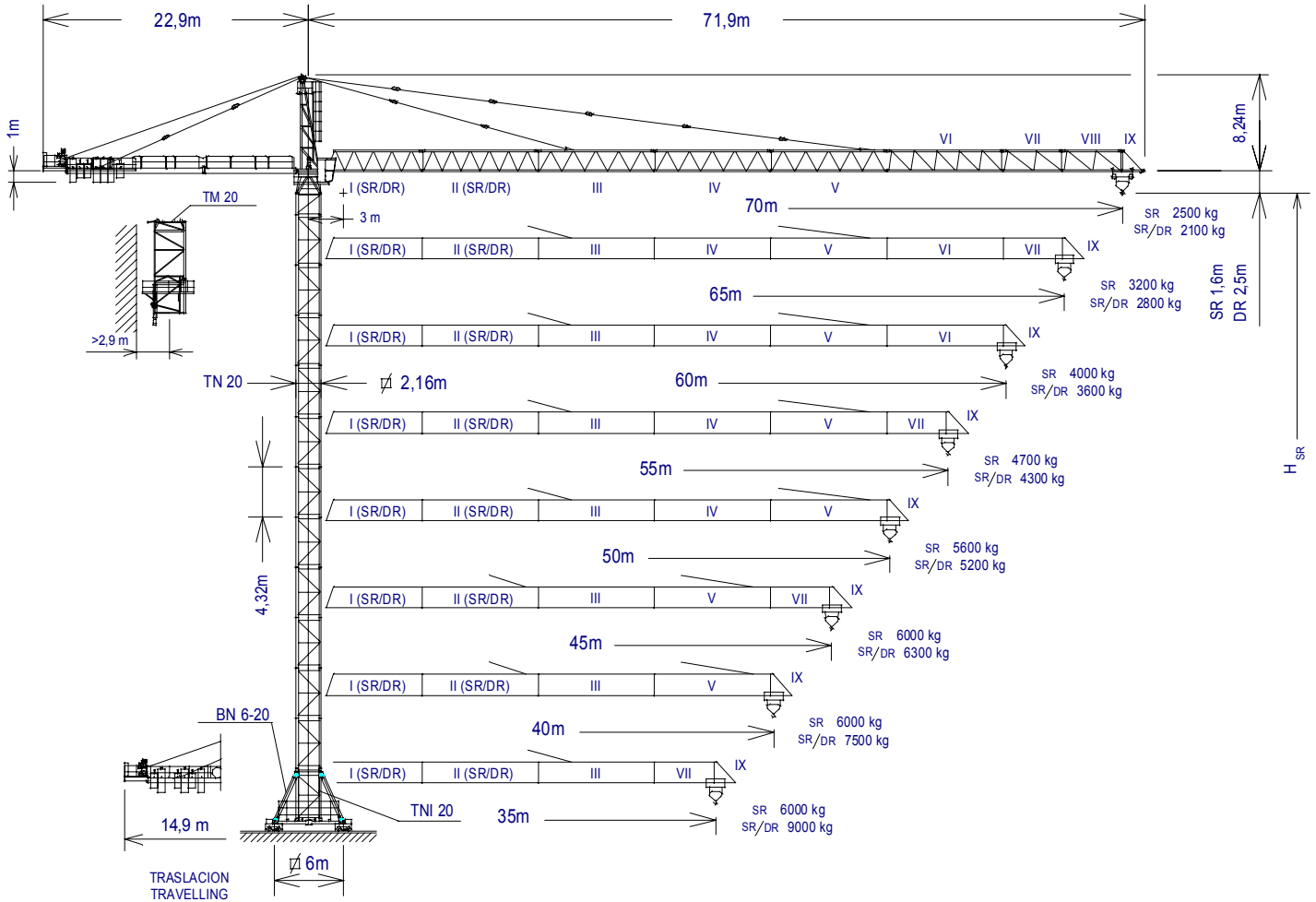


GRUA TORRE TOWER CRANE

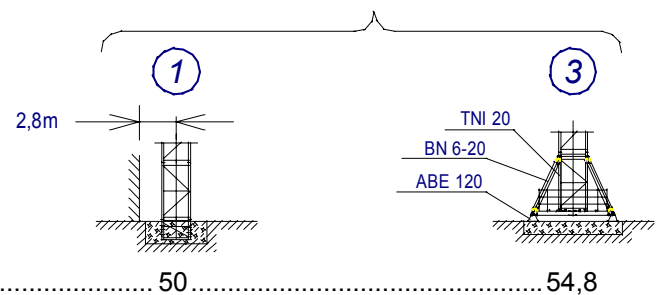
J240

De acuerdo con UNE 58-101-92
DIN 15018 H1 B3 According to
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



ESTACIONARIA / STATIONARY



$H_{SR} = 55,2$ 50 $54,8$

$H_{DR} = H_{SR} - 0,9$
 H_{SR} = Altura máxima bajo gancho sin arriostrar (m)
Maximum height under hook without fastening

TN 20 136.31.000
TNI 20 200.30.500
TM 20 142.35.000

BN 6-20 200.20.000
ABE 120 142.23.000










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SR (kg)		Cargas máximas / Maximum loads SR - 6000							6000 kg a
PLUMA JIB	Alcance del gancho (m) / Hook reach (m)								
	70	65	60	55	50	45	40	35	
70 m	2500	2745	3030	3375	3780	4275	4900	5700	33,43 m
65 m	—	3200	3525	3910	4370	4930	5635	6000	37,83 m
60 m	—	—	4000	4425	4940	5565	6000	6000	42,09 m
55 m	—	—	—	4700	5240	5900	6000	6000	44,33 m
50 m	—	—	—	—	5600	6000	6000	6000	47,01 m
45 m	—	—	—	—	—	6000	6000	6000	45 m
40 m	—	—	—	—	—	—	6000	6000	40 m
35 m	—	—	—	—	—	—	—	6000	35 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)											
	70	65	60	55	50	45	40	35	30	25	20	
70 m	2100	2345	2635	2975	3380	3875	4500	5300	6000/6365	6000/7860	6000/10100	31,55/17,10 m
65 m	—	2800	3125	3510	3970	4535	5235	6000/6140	6000/7350	6000/9040	6000/11575	35,70/19,35 m
60 m	—	—	3600	4025	4540	5165	5950	6000/6955	6000/8300	6000/10180	6000/12000	39,72/21,52 m
55 m	—	—	—	4300	4840	5500	6000/6325	6000/7385	6000/8800	6000/10780	6000/12000	41,83/22,67 m
50 m	—	—	—	—	5200	5900	6000/6775	6000/7900	6000/9400	6000/11500	6000/12000	44,36/24,04 m
45 m	—	—	—	—	—	6000/6300	6000/7225	6000/8415	6000/10000	6000/12000	6000/12000	45/25,42 m
40 m	—	—	—	—	—	—	6000/7500	6000/8730	6000/10365	6000/12000	6000/12000	40/26,26 m
35 m	—	—	—	—	—	—	—	6000/9000	6000/10680	6000/12000	6000/12000	35/26,98 m

CARACTERISTICAS DE MECANISMOS / MECHANISMS FEATURES

MECANISMOS MECHANISMS	*opcional *optional			    							
	EL3340		* EL4860	* EJ6070VF		TGJA2020	OJRA2207	TCJ780VF	TH2006		
kW	24,3		35	44,1		2 x 7,3	3 x 5,5	5,5	15		
VELOCIDADES SPEEDS	SR 3000 kg 6000 kg	40/20/4 m/min 20/40m/min	60/30//6 m/min 30/6 m/min	SR 2000 kg 3000 kg 6000 kg	DR 4000 kg 6000 kg 12000 kg	0...70 m/min 0...54 m/min 0...36 m/min	0...35 m/min 0...27 m/min 0...18 m/min	0...20 m/min	0...0,2 0,2...0,35 0,35...0,7 r/min sl/min	6000 kg 0...80 m/min 12000 kg 0...40 m/min	0,6 m/min
Máx. recorrido gancho Maximum hook course	SR 100m 3 capas / layers 222m 6 capas máx. / max. layers	DR 50m 3 capas / layers 111m 6 capas máx. / max. layers	SR 159m 3 capas / layers 280m 5 capas máx. / max. layers	DR 79m 3 capas / layers 140m 5 capas máx. / max. layers	 Potencia necesaria con ... Power required with ... 380/415V 50Hz EL 3340 = 60,9 kW EL 4860 = 71,6 kW EJ 6070 VF = 80,7 kW  440V 60Hz Potencias y velocidades: 20% más Powers and speeds: 20% more						

LASTRES INFERIORES / LOWER BALLASTS

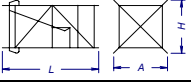
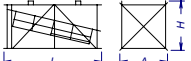
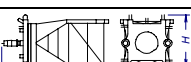

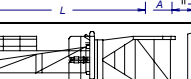
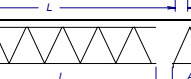


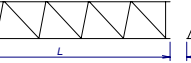
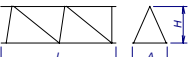

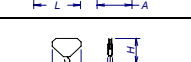
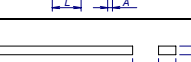

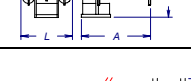

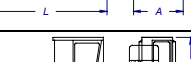

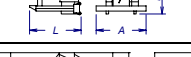

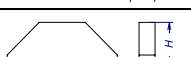
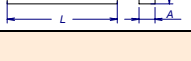
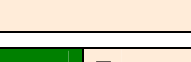
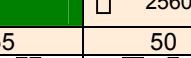

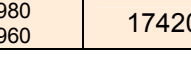


Para alturas intermedias tomar el lastre correspondiente a la altura superior
For intermediate heights take the ballast corresponding to the higher height

Altura bajo gancho (m) / Height under hook (m)	55,2	42,24	29,28	
Número de piedras a colocar Number of ballast blocks to put	Piedras de 6000 kg Blocks of 6000 kg	12	10	8

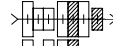
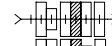
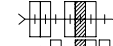



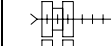
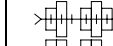


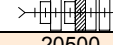
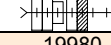


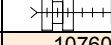
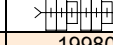


LISTA DE EMBARQUE / PACKING LIST

J 240

DENOMINACION / DENOMINATION		L (m)	A (m)	H (m)	P / W (kg)		
Torre inferior <i>Lower tower</i>	TNI 20		4,475	2,504	2,504	3310	
Torre <i>Tower</i>	TN 20		4,475	2,201	2,281	2705	
	TR 20		4,575	2,161	2,261	3548	
	TR 20 A		4,473	2,161	2,261	3504	
Torre asiento pista, base punta torre y orientación <i>Slewing table, tower head base and slewing mechanism</i>			5,087	2,375	2,53	7390	
Punta de torre <i>Tower head</i>			8,195	1,41	1,825	2822	
Conjunto asiento pista, punta de torre y orientación <i>Slewing table assembly, tower head and slewing mechanism</i>			12,144	3,048	2,48	10747	
Tramo de pluma <i>Jib section</i>	I - SR		8,71	1,675	1,995	1776	
	I - DR		8,71	1,675	1,995	1892	
Tramo de pluma <i>Jib section</i>	II - SR		10,19	1,6	2,031	1813	
	II - DR		10,19	1,6	2,031	2043	
	III		10,19	1,6	2,04	2027	
	IV		10,19	1,6	1,895	1629	
	V		10,19	1,6	1,99	1478	
Tramo de pluma <i>Jib section</i>		VI		10,19	1,6	1,895	1267
Tramo de pluma <i>Jib section</i>	VII		5,3	1,6	1,895	712	
	VIII		5,3	1,6	1,895	592	
Punta de pluma <i>Jib end</i>			2,165	1,6	2,2	350	
Polipasto <i>Hook assembly</i>	SR		1,075	0,323	0,925	295	
	DR		1,206	0,381	1,988	578	
Tirante sostén pluma <i>Jib support tie</i>	2 tirantes / 2 ties		6,020	0,61	0,654	2216	
	2 tirantes / 2 ties		6,020	0,6	0,519	1771	
	1 tirante / 1 tie		6,020	0,61	0,332	850	
Carro <i>Crab</i>	SR		1,765	2,402	1,569	400	
	DR		2,04	2,42	1,541	585	
Contrapluma con plataformas <i>Counterjib with platforms</i>			12,103	2,76	0,615	3086	
Prolongación contrapluma con plataforma <i>Counterjib extension with platform</i>			8,308	1,906	0,585	1923	
Plataforma y cabina <i>Platform and cabin</i>			3,759	1,65	2,338	820	
Soporte y elevación <i>Support and hoisting</i>		EL 4860 	2,06	2,542	2	2570	
Torre de montaje <i>Jacking cage</i>			8,15	2,808	2,772	3590	
Lastre <i>Ballast</i>			3,8	0,58	1,5	6000	

CONTRAPESOS / COUNTERWEIGHTS

PLUMA / JIB	2560 kg		4100 kg		Piedras para montaje <i>Counterweight blocs for assembly</i>			
	70	65	60	55	50	45	40	* 35
SR								
SR / DR								
Total (kg)	24080	23060	20500 21520	19980 18960	17420	14860	10760 13320	19980 25620



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TORRES TOWERS	ALTURA HEIGHT	Diagrama de la torre				ALTURA HEIGHT	TORRES TOWERS
1	6,8	TN 20 TND 20	TN 20 TND 20	TN 20 TND 20	136.31.000 136.31.500	6,8	1
2	11,1					11,1	2
3	15,4					15,4	3
4	19,7					19,7	4
5	24					24	5
6	28,4					28,4	6
7	32,7					32,7	7
8	37					37	8
9	41,3					41,3	9
10	45,7			TR 20 A TRD 20 A	136.30.400 136.30.800	45,7	10
11	50		TR 20 A TRD 20 A	TR 20 TRD 20	136.30.000 136.30.500	50	11
12	54,5	AN 20 AND 17/20/23 ANDC 17/20/23	TR 20 TRD 20			54,5	12
13	58,8					58,8	13
14	63,1			TR 23 TRD 23	142.36.500 142.30.000 142.30.500	63,1	14
15	67,4					67,4	15
		AN 20 AND 17/20/23 ANDC 17/20/23		AR 20 ARD 17/20/23 ARDC 17/20/23	136.21.000 142.21.800 142.21.700		16
		AR 20 ARD 17/20/23 ARDC 17/20/23 AR 23		AR 23 ARD 17/20/23 ARDC 17/20/23	136.21.500 142.21.900 142.21.600 142.21.500		17

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.

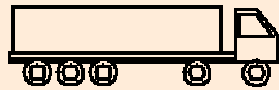
The represented tower configurations are assembly recommendations that can be used in any installation. Each tower section in its indicated position can also be used as the lower element of the mast tower in standard freestanding crane with its corresponding height under hook.

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.

Transporte grúa auto estable con traslación de 6x6m. y sin lastre

Free standing crane transport with travelling base of 6x6m. without base ballast

En camiones / In trucks



7 unidades / 7 units

En contenedores / In containers

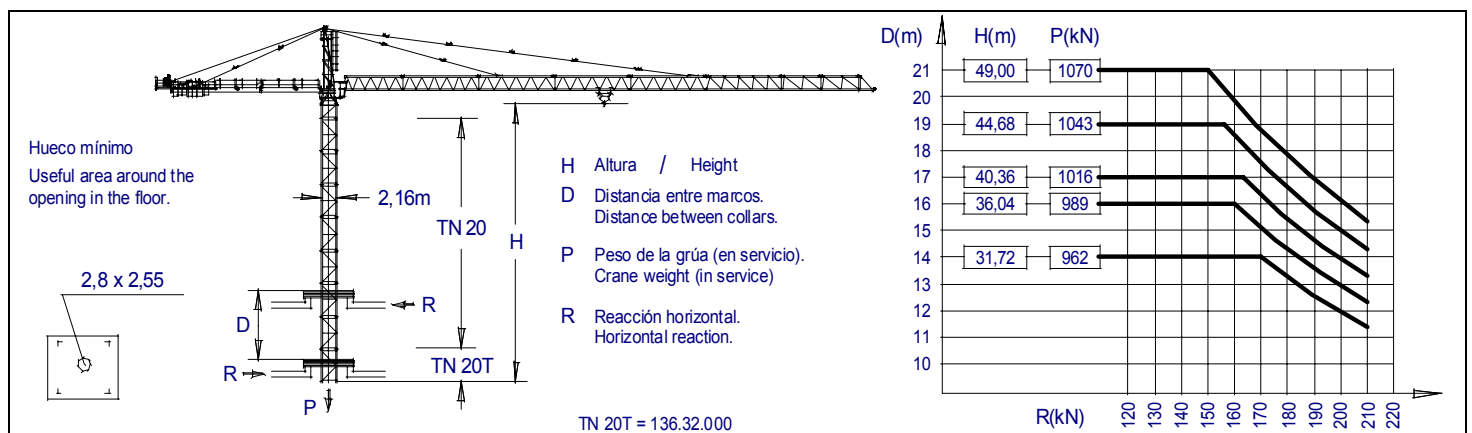
BOX

8 unidades / 8 units

FLAT RACK

Ancho 3m
3m wide

1 unidad / 1 unit



JASO EQUIPOS DE OBRAS Y CONSTRUCCIONES, S.L

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Fecha / Date: 24-01-03

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DELEGACION / DELEGATION