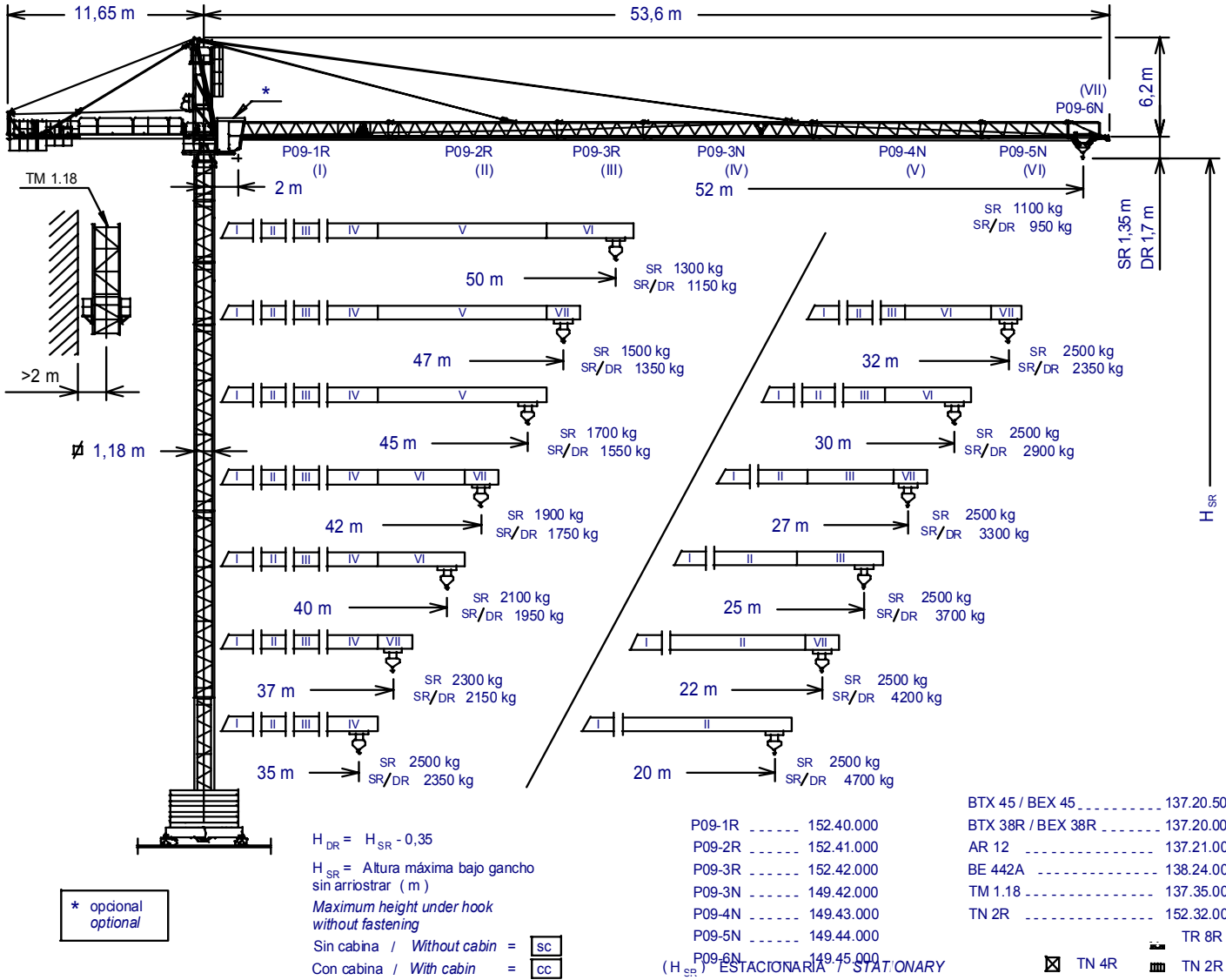


GRUA TORRE TOWER CRANE

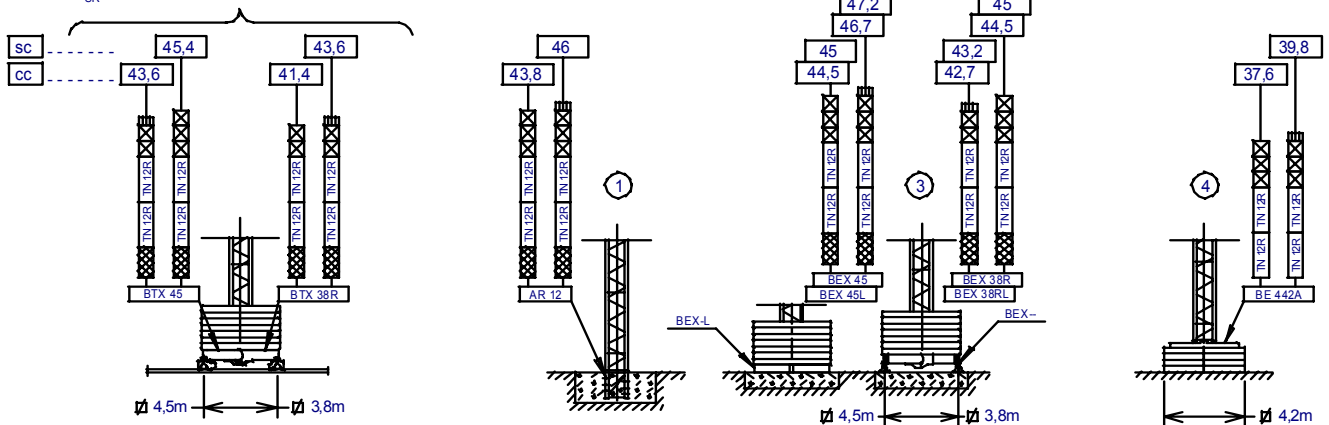
J52NS

UNE 58-101-92
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_{SR}) TRASLACION / TRAVELLING



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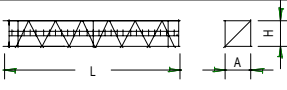
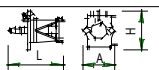

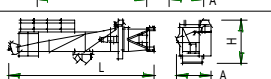
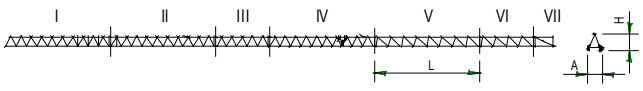
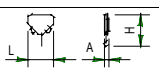
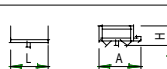
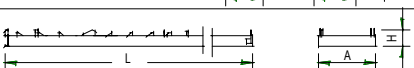


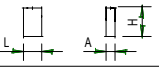
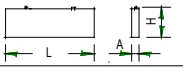
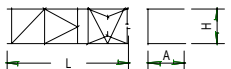
SR (kg)		Cargas máximas / Maximum loads													2000-2500 a	
		SR1 — 2000 SR2 — 2500														
PLUMA / JIB		Alcance del gancho (m) / Hook reach (m)														
		52	50	47	45	42	40	37	35	32	30	27	25	22	20	
52 m	1100	1155	1240	1310	1420	1500	1645	1750	1940	2080	2340	2500	2500	2500	31,10-25,43 m	
50 m	—	1300	1400	1470	1595	1685	1840	1960	2165	2325	2500	2500	2500	2500	34,37-28,10 m	
47 m	—	—	1500	1575	1705	1805	1970	2095	2315	2485	2500	2500	2500	2500	36,50-29,84 m	
45 m	—	—	—	1700	1840	1940	2120	2255	2490	2500	2500	2500	2500	2500	38,97-31,86 m	
42 m	—	—	—	—	1900	2005	2190	2330	2500	2500	2500	2500	2500	2500	40,12-32,8 m	
40 m	—	—	—	—	—	2100	2290	2435	2500	2500	2500	2500	2500	2500	40-34,16 m	
37 m	—	—	—	—	—	—	2300	2445	2500	2500	2500	2500	2500	2500	37-34,3 m	
35 m	—	—	—	—	—	—	—	2500	2500	2500	2500	2500	2500	2500	35 m	
32 m	—	—	—	—	—	—	—	—	2500	2500	2500	2500	2500	2500	32 m	
30 m	—	—	—	—	—	—	—	—	—	2500	2500	2500	2500	2500	30 m	
27 m	—	—	—	—	—	—	—	—	—	—	2500	2500	2500	2500	27 m	
25 m	—	—	—	—	—	—	—	—	—	—	—	2500	2500	2500	25 m	
22 m	—	—	—	—	—	—	—	—	—	—	—	—	2500	2500	22 m	
20 m	—	—	—	—	—	—	—	—	—	—	—	—	—	2500	20 m	



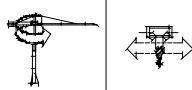

SR / DR (kg)		Cargas máximas / Maximum loads													2000 / 4000 2500 / 5000		a	
		SR1 / DR — 2000 / 4000 SR2 / DR — 2500 / 5000																
PLUMA / JIB		Alcance del gancho (m) / Hook reach (m)																
		52	50	47	45	42	40	37	35	32	30	27	25	22	20	15		
52 m	950	1005	1090	1160	1270	1360	1495	1600	1785	1930	2190	2395	2500 / 2775	2500 / 3095	2500 / 4255	29,15 / 15,87	24,11 / 12,92	
50 m	—	1150	1250	1320	1445	1535	1690	1810	2015	2175	2460	2600 / 2690	2500 / 3110	2500 / 3460	32,21 / 17,54	26,64 / 14,28		
47 m	—	—	1350	1425	1555	1655	1820	1945	2165	2335	2500 / 2640	2500 / 2880	2500 / 3325	2500 / 3700	34,21 / 18,62	28,29 / 15,17		
45 m	—	—	—	1550	1690	1790	1970	2105	2340	2500 / 2520	2500 / 2845	2500 / 3100	2500 / 3580	2500 / 3975	36,52 / 19,88	30,20 / 16,19		
42 m	—	—	—	—	1750	1855	2040	2180	2420	2500 / 2605	2500 / 2940	2500 / 3205	2500 / 3695	2500 / 4105	37,60 / 20,47	31,10 / 16,67		
40 m	—	—	—	—	—	1950	2140	2285	2500 / 2535	2500 / 2730	2500 / 3075	2500 / 3355	2500 / 3865	2500 / 4290	39,16 / 21,32	32,38 / 17,36		
37 m	—	—	—	—	—	—	2150	2295	2500 / 2545	2500 / 2740	2500 / 3090	2500 / 3370	2500 / 3880	2500 / 4310	37 / 21,40	32,51 / 17,43		
35 m	—	—	—	—	—	—	—	2350	2500 / 2605	2500 / 2805	2500 / 3160	2500 / 3445	2500 / 3970	2500 / 4405	35 / 21,84	33,18 / 17,79		
32 m	—	—	—	—	—	—	—	—	2350	2500 / 2530	2500 / 2855	2500 / 3115	2500 / 3595	2500 / 3995	32 / 19,97	30,34 / 16,26		
30 m	—	—	—	—	—	—	—	—	—	2500 / 2900	2500 / 3265	2500 / 3560	2500 / 4095	2500 / 4545	30 / 22,48	30 / 18,31		
27 m	—	—	—	—	—	—	—	—	—	—	2500 / 3300	2500 / 3595	2500 / 4140	2500 / 4590	27 / 22,69	27 / 18,48		
25 m	—	—	—	—	—	—	—	—	—	—	—	2500 / 3700	2500 / 4255	2500 / 4720	25 / 23,29	25 / 18,97		
22 m	—	—	—	—	—	—	—	—	—	—	—	—	2500 / 4200	2500 / 4670	22 / 22	22 / 18,73		
20 m	—	—	—	—	—	—	—	—	—	—	—	—	—	2500 / 4700	2500 / 5000	20 / 20	20 / 18,88	

CONTRAPESOS / COUNTERWEIGHTS							2360 kg	1500 kg	Montaje pluma / Jib fitting-up						
PLUMA / JIB	52	50	47	45	42	40	37	35	32	30	27	25	22	20	
SR															
SR / DR															
Total (kg)	13940	13940	12440	12440	12440	12440	11580	10940	7720	7720 / 9220	6220 / 7720	6220 / 7720	5360 / 7720	4500 / 6220	

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)		47	44	40	36	30	22	16	
Numero de piedras a colocar / Number of ballast blocks to put	Piedras de 4100kg / Blocks of 4100 kg	BEX 45 / BTX 45	14	12	10		8	6	
		BEX 45L	14	12	10		8		
		BEX 38R / BTX 38R	—	14		12	10	8	6
		BEX 38RL	—	14		12	10	8	



DENOMINACION DENOMINATION		L (m)	A (m)	H (m)	Peso (kg) Weight (kg)		
Torre Tower section		TR 8R	8,07	1,19	1,19	2575	
		TN 12R-TR 12R	12,01	1,19	1,19	2915-3715	
		TN 4R	4,15	1,19	1,19	1170	
		TN 2R	2,37	1,19	1,19	770	
Torre asiento de pista+Base punta torre+Orientación. Slewing table+Tower head base+Slewing mechanism		3,14	1,92	2,15	2540		
Estructura punta de torre+elevación Tower head structure+hoisting		6,48	1,20	2,41	2250		
Torre asiento pista+punta torre+orientación+elevación Slewing table+Tower head+slewing+hoisting		8,12	1,92	2,44	4790		
Tramo pluma Jib section		P09-1R(I)	10,13	0,87	1,13	1032	
		P09-2R(II)	10,16	0,87	1,14	940	
		P09-3R(III)	5,27	0,87	1,14	425	
		P09-3N(IV)	10,15	0,87	1,12	880	
		P09-4N(V)	10,15	0,87	1,03	575	
		P09-5N(VI)	5,26	0,87	1,02	295	
		P09-6N(VII)	2,13	0,86	1,02	110	
Polipasto Hook assembly		SR	0,76	0,16	0,96	135	
		DR	0,76	0,20	1,40	170	
Carro Crab		SR	1,00	1,33	0,73	110	
		DR	1,04	1,37	0,88	175	
Contrapluma con plataformas Counterjib with platforms		10,70	1,41	0,43	1575		
Plataforma y cabina Platform and cabin		3,69	1,63	2,25	820		
Base grúa Crane base		Estacionaria III/Stationary III	BEX 38R	6,38	0,84	1,47	3800
			BEX 45	7,37	0,84	1,47	4380
		Traslación/Travelling	BTX 38R	6,02	1,73	1,73	5230
			BTX 45	7,01	1,62	1,73	5995
Contrapeso Counterweight		Grande / Big	1,08	0,50	2,02	2360	
		Pequeño / Small	1,08	0,50	1,30	1500	
Lastre Ballast		Est. III-Stationary III / Trasl.-Travelling	4,00	0,34	1,30	4100	
		Est. IV / Stationary IV	2,09	0,34	2,10	3450	
Torre de montaje Jacking cage		7,14	1,76	1,71	3105		

CARACTERISTICAS DE MECANISMOS / MECHANISMS FEATURES					Para  480V Potencias y velocidades: 20% más. 60Hz Powers and speeds: 20% more			
MECANISMOS MECHANISMS	*opcional *optional							
	EC2580 (A)	EC2566 (B)	*EC2566VF (C)	* EC33100VF (D)	TG825VF	TG825VF	OG1108VF	TC360VF
kW	18,4				2x3	2x3	2x4	1,8
VELOCIDADES SPEEDS	SR1/DR (A) 1100 kg 2000 kg 2200 kg 4000 kg SR2/DR (B) 1300 kg 2500 kg 2600 kg 5000 kg	82/41/10 m/min 41/10 m/min 41/20,5/5 m/min 20,5/5 m/min 64/32/8 m/min 32/8 m/min 32/16/4 m/min 16/4 m/min	SR2 (C) 1300 kg 0...64 m/min 2500 kg 0...32 m/min DR (C) 2600 kg 0...32 m/min 5000 kg 0...16 m/min	SR2 (D) 1300 kg 0...76 m/min 2500 kg 0...51 m/min DR (D) 2600 kg 0...38 m/min 5000 kg 0...25,5 m/min	0...25 m/min	0...25 m/min	0...0,2 0,2...0,4 0,4...0,8 r/min	0...15 15...30 30...60 m/min
Max. recorrido gancho Maximum hook course	SR 144 m en 3 capas 196 m en 4 capas máx. DR 72 m en 3 capas 98 m en 4 capas máx.				 400V 50Hz	Potencia necesaria Required power		34,2 kW *40 kW
Importante: A medida que la altura bajo gancho de la grúa aumenta, disminuirá la capacidad de carga. Consultar el capítulo de capacidad de carga (04.015.00) del apartado del mecanismo de elevación del manual del fabricante. Important: When the height under hook increases, the hoisting load will decrease. Consult the chapter of load capacity (04.015.00) of the hoisting mechanism of the manufacturer's handbook.								



TORRES / TOWERS	ALTURA / HEIGHT (m)	Diagrama de la torre			ALTURA / HEIGHT (m)	TORRES / TOWERS
1	4,5	TN 4R	137.32.000	TN 4R	4,5	1
2	8,5	TN 4R		TN 4R	8,5	2
3	20,3	TN 12R	137.31.000	TN 12R	20,3	3
4	32,1	TN 12R		TN 12R	32,1	4
5	39,9	TR 8R	137.30.000	TR 8R	39,9	5
6	43,6	J90/65 MAC 137.36.000 T 3-90 133.32.000 TD 3-90 133.32.500			43,6	6
7	46,6			TN 17 TND 17	46,6	7
8	49,6				49,6	8
				TN 17/TR 12R	54	8
					58,3	9
					62,7	10
				TR 17A TRD 17A	67	11
				TR 17 TRD 17	71,3	12

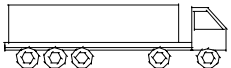
AN 90	133.21.000
AND 90	133.21.800
AN 17	141.21.000
AND 17/20/23	142.21.800
ANDC 17/20/23	142.21.700
AR 17	141.21.500
ARD 17/20/23	142.21.900
ARDC 17/20/23	142.21.600

cc Con cabina / With cabin
sc Sin cabina / Without cabin

Para otras configuraciones de torre, consultar con nuestro Dpto. Técnico
 For other tower configurations, consult our Technical Dpt.

Transporte grúa de 45,4 m bajo gancho con traslación y sin lastre
 45,4 m under hook crane transport with travelling base and without base ballast

En camiones / In trucks



3 unidades / 3 units

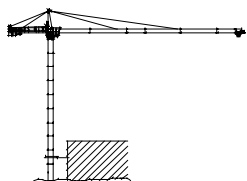
En contenedores / In containers

HIGH CUBE

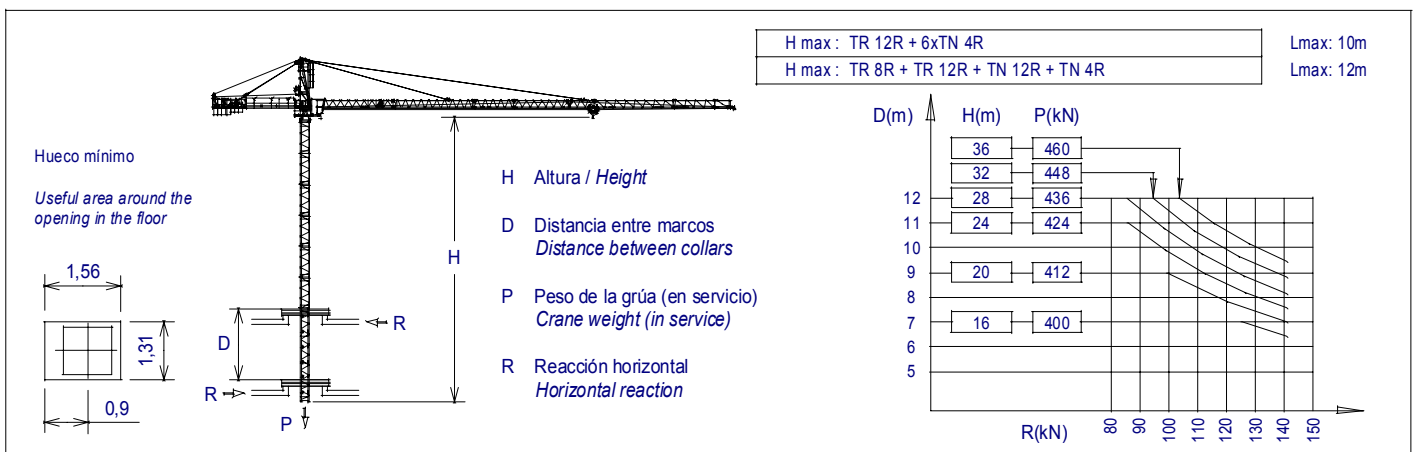
2 unidades / 2 units

BOX

1 unidad / 1 unit



Máximo número de torres TN 4R a colocar por encima del último arriostamiento: 8
 Maximum TN 4R mast sections above the last tie-back: 8



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