




Curvas de cargas - Load diagrams - Lastkurven - Courbes de charges - Curve di carico -
- График грузоподъёмности




70,0 m

15,0	20,0	25,0	30,0	36,3	40,0	45,0	50,0	55,0	60,0	65,0	70,0	m
6000	6000	6000	6000	6000	5360	4660	4110	3660	3280	2970	2700	Kg
19,5	20,0	25,0	30,0	35,0	40,0	45,0	50,0	55,0	60,0	65,0	70,0	m
12000	11660	9040	7330	6120	5220	4520	3970	3520	3140	2830	2560	Kg




65,0 m

15,0	20,0	25,0	30,0	35,0	39,4	45,0	50,0	55,0	60,0	65,0	m
6000	6000	6000	6000	6000	6000	5140	4540	4050	3640	3300	Kg
15,0	21,1	25,0	30,0	35,0	40,0	45,0	50,0	55,0	60,0	65,0	m
12000	12000	9920	8060	6740	5760	5000	4400	3910	3500	3160	Kg




60,0 m

15,0	20,0	25,0	30,0	35,0	41,7	45,0	50,0	55,0	60,0	m
6000	6000	6000	6000	6000	6000	5480	4850	4330	3900	Kg
15,0	22,3	25,0	30,0	35,0	40,0	45,0	50,0	55,0	60,0	m
12000	12000	10550	8580	7180	6140	5340	4710	4190	3760	Kg




55,0 m

15,0	20,0	25,0	30,0	35,0	43,8	45,0	50,0	55,0	m
6000	6000	6000	6000	6000	6000	5810	5140	4600	Kg
15,0	23,4	25,0	30,0	35,0	40,0	45,0	50,0	55,0	m
12000	12000	11160	9080	7610	6520	5670	5000	4460	Kg




50,0 m

15,0	20,0	25,0	30,0	35,0	40,0	45,0	50,0	m
6000	6000	6000	6000	6000	6000	6000	5400	Kg
15,0	24,4	25,0	30,0	35,0	40,0	45,0	50,0	m
12000	12000	11670	9500	7970	6830	5960	5260	Kg




45,0 m

15,0	20,0	25,0	30,0	35,0	40,0	45,0	m
6000	6000	6000	6000	6000	6000	5760	Kg
15,0	24,7	25,0	30,0	35,0	40,0	45,0	m
12000	12000	11860	9660	8100	6950	6060	Kg




40,0 m

15,0	20,0	25,0	30,0	35,0	40,0	m
6000	6000	6000	6000	6000	6000	Kg
15,0	24,7	25,0	30,0	35,0	40,0	m
12000	12000	11850	9650	8100	6950	Kg




35,0 m

15,0	20,0	25,0	30,0	35,0	m
6000	6000	6000	6000	6000	Kg
15,0	24,6	25,0	30,0	35,0	m
12000	12000	11830	9640	8090	Kg







30,0 m


15,0	20,0	25,0	30,0	m
6000	6000	6000	6000	Kg
15,0	24,6	25,0	30,0	m
12000	12000	11790	9610	Kg

Bloque de contrapeso - Counterweight blocks - Gegengewichtsblöcke - Bloc de contrepoid - Blocco di contrappeso - Плиты противовеса






 A = 3000kg B = 2500kg C = 2000kg	70 m			65 m			60 m		
	A	B	C	A	B	C	A	B	C
	5	1	1	5	1	1	5	1	0
	19500 Kg			19500 Kg			17500 Kg		

 A = 3000kg B = 2500kg C = 2000kg	55 m			50 m			45 m		
	A	B	C	A	B	C	A	B	C
	4	1	1	5	0	0	3	1	1
	16500 Kg			15000 Kg			13500 Kg		






 A = 3000kg B = 2500kg C = 2000kg	40 m			35 m			30 m		
	A	B	C	A	B	C	A	B	C
	3	1	0	2	1	1	2	1	0
	11500 Kg			10500 Kg			8500 Kg		




Mecanismos - Mechanisms - Antriebe - Mécanismes - Meccanismi - Приводы

60 Hp (45Kw)-INV-5V
400V-50/60HZ
HBG 290m S/R Ø16



 	 m/min Kg Kw	 0-10 0-20 0-44 0-66 0-110					 0-5 0-10 0-22 0-27 0-55				
		6000	6000	4600	2000	1000	12000	12000	9200	4000	2000
		45	45	45	45	45	45	45	45	45	45

75 Hp (55Kw)-INV-5V
400V-50/60HZ
HBG 140m S/R Ø16
*HBG 240m S/R Ø16 D-Max



 	 m/min Kg Kw	 0-15 0-30 0-35 0-64 0-140					 0-7,5 0-15 0-17,5 0-32 0-70				
		6000	6000	5000	4000	1000	12000	12000	10000	8000	2000
		55	55	55	55	55	55	55	55	55	55






	m/min	11-37-75
	Kw	7,5
	r.p.m.	0 - 0,7
	Kw	2 x 7,5
	m/min	12 / 24
	Kw	4 x 3

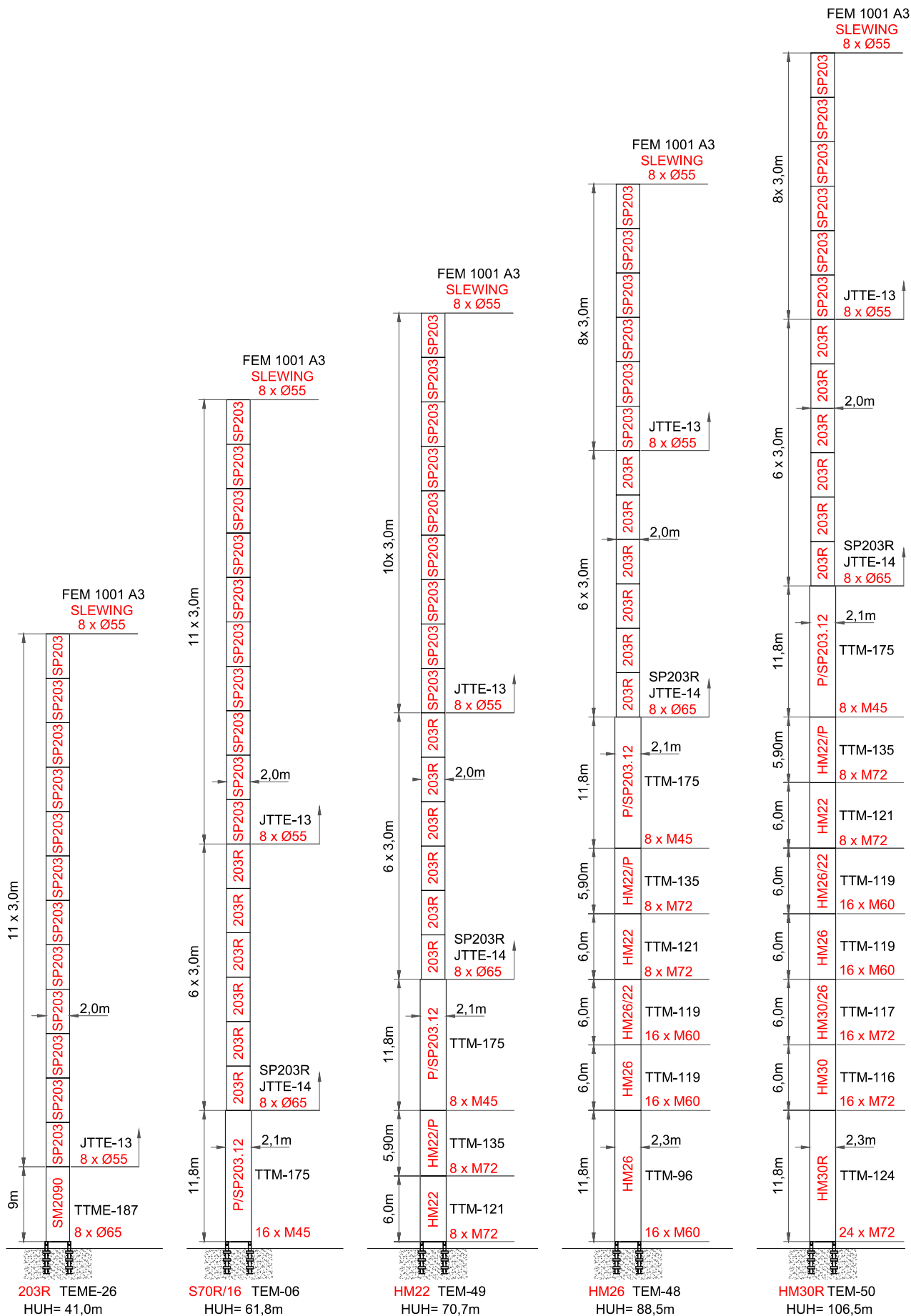
60Hp (45Kw) - INV

 2000/14/CEE 2005/88/CEE	 2006/95 /CEE	400V 50Hz I _{max} .= 125A Fuse= 150A	TOTAL POWER 80 KVA	GENERATOR 120 KVA	100m 4x50mm ²	150m 4x50mm ²	200m 4x70mm ²
		*480V 60Hz I _{max} .= 110A Fuse= 130A					

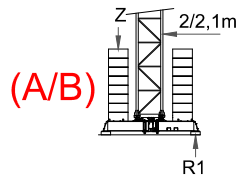
*75Hp (55Kw) - INV


 2000/14/CEE 2005/88/CEE	 2006/95 /CEE	400V 50Hz I _{max} .= 187A Fuse= 224A	TOTAL POWER 109 KVA	GENERATOR 200 KVA	100m 4x50mm ²	150m 4x70mm ²	200m 4x120mm ²
		*480V 60Hz I _{max} .= 156A Fuse = 175A					

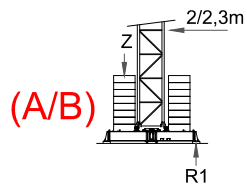
- * Opcional / Optional / Opzionale
-  Elevación / Hoisting / Heben / Levage / Sollevamento
-  Distribución / Trolleying / Katzfahren / Distribution / Distribuzione
-  Orientación / Slewing / Schwenken / Orientation / Rotazione
-  Traslacion / Travelling / Schienenfahren / Translation / Traslazione
-  Cable / Rope / Seil / Câble / Funne




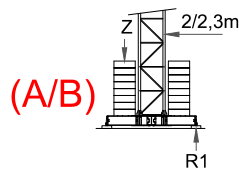
Bloque lastre de base - Base ballast block - Grundballastblöcke - Bloc de lest de base - Blocco di zavora alla base - Балласты опорной рамы




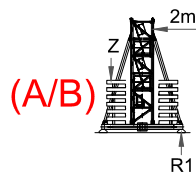
Jib	HUH	48,0 m
60/70 m	R1 (t)	210,5 t
	Z (t)	218 t
C45R-P		




Jib	HUH	53,5 m
60/70 m	R1 (t)	162,5 t
	Z (t)	180 t
C60R-P		



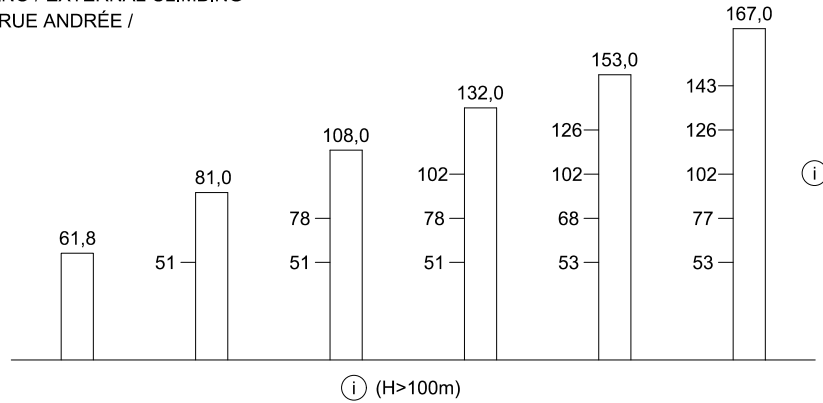
Jib	HUH	74,5 m
60/70 m	R1 (t)	240 t
	Z (t)	220 t
C80R-U		



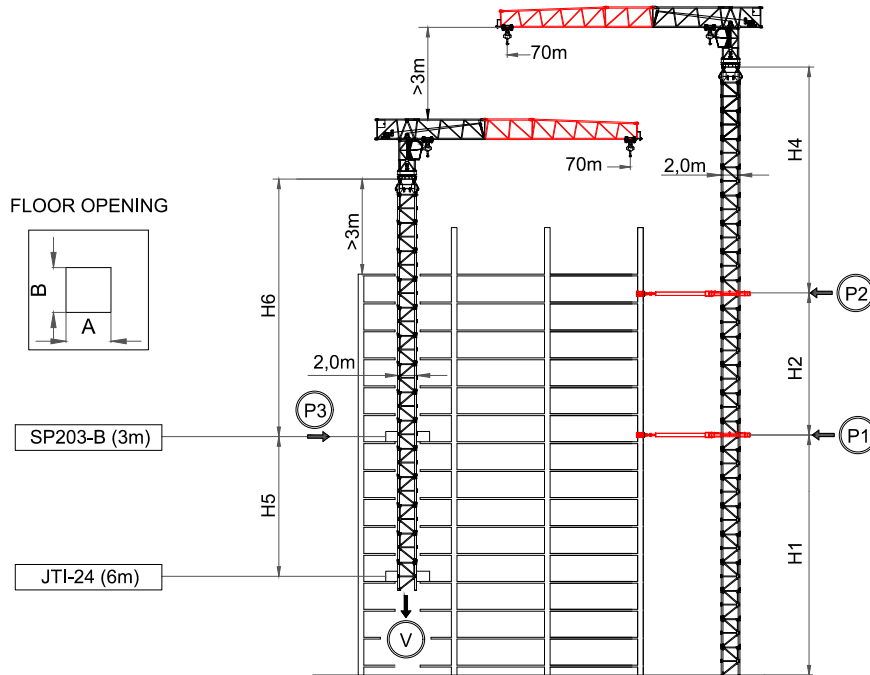
Jib	HUH	52,0 m
60/70 m	R1 (t)	164 t
	Z (t)	140 t
C60203		

Proceso de trepado - Climbing - Kletterkrane - Telescopable - Sopralzo idraulico - Процесс наращивания крана

SP203 - TREPADO EXTERNO / EXTERNAL CLIMBING
/ GEANKERTER KRAN / GRUE ANDRÉE /
GRU ANCORATA



SP203 - TREPADO INTERNO / BOTTOM CLIMBING CRANE /
KLETTERRANE IM GEBÄUDE / TÉLESCOPAGE SUR DALLES /
GRU CLIMBING



SP203 - DIMENSIONES Y REACCIONES / DIMENSIONS
AND FORCES / ABMESSUNGEN UND REAKTIONEN /
DIMENSIONS ET RÉACTIONS / DIMENSIONI E REAZIONI

FEM 1001 A3

SP203 INTERNAL			
H	M		
H5	20		
H6	26,5	IN SERVICE*	OUT OF SERVICE*
A	2,8	t	t
B	2,2		
P3	60 m		
V			

*To confirm in each climbing project.

FEM 1001 A3

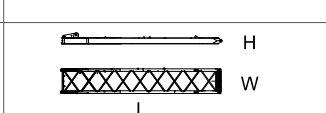

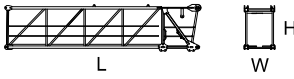
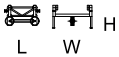

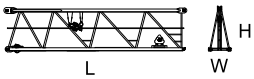
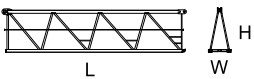
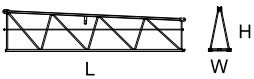
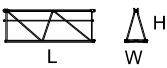




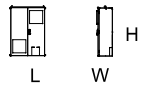
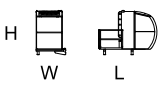
SP203 EXTERNAL			
H	M		
H1	<61,8	IN SERVICE*	OUT OF SERVICE*
H2	<24	t	t
H4	<27		
P1	60 m		
P2			

*To confirm in each climbing project.

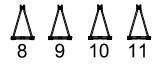

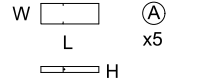


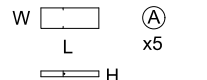


(i) Consultarnos - Consultateci - Consult us - Nous consulter - Auf anfrage

Dimensiones y transporte - dimensions and transport - Abmessungen und Transport - dimensions et des transports - dimensioni e trasporti - Размеры и транспорта

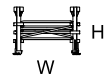
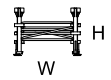
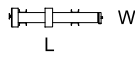
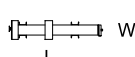
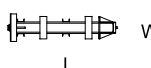
UPPER PART STC 70 27

CODE	ELEMENT		L(m)	W(m)	H(m)	Weight(kg)
G70E-002	Counterjib 2		12,0	1,52	1,6	3100
	Counterjib 1		8,35	1,55	2,45	3600
	Jib Trolley		1,75	1,60	1,35	400
	Hoist Block		1,15	0,3	2,23	500
	Jib 1		10,3	1,69	2,45	3330
	Jib 2		10,2	1,47	2,43	2300
	Jib 3		10,2	1,45	2,3	1710
	Jib 4		5,2	1,45	1,96	780
	Jib 5		5,2	1,45	1,93	650
	Jib 6		5,2	1,45	1,90	580
	Jib 7		5,2	1,45	1,90	470
	Jib end		1,09	1,35	1,80	140
	Slewing unit		2,5	2,5	1,5	5915
EQEE7027-002 Electrical Pan Incl.	Hoist winch 45HP INV		2,0	1,1	1,3	1200
EQEE7027-001 Electrical Pan Excl.	Hoist winch 60HP INV		2,0	2,2	1,3	1930
AGT-175	Electrical Panel 3745		2,30	1,6	1,8	770
AGT-08	Cabin STANDARD		3,30	1,8	2,4	1030
AGT-09	Cabin DELUXE		3,30	1,8	2,4	1230
AGT-180	Cabin Support STAND.		3,30	1,8	2,4	1230
						460
						180

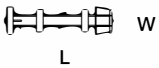



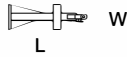
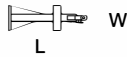

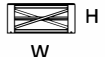
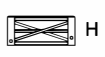
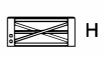
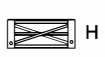
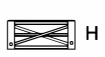
UPPER PART STC 70 27

CODE	ELEMENT		L(m)	W(m)	H(m)	Weight(kg)
P70E-020	Jib 70,0m					
	Jib 8		5,2	1,45	1,87	440
	Jib 9		5,2	1,45	1,50	370
	Jib 10		5,2	1,45	1,50	360
	Jib 11		5,2	1,45	1,45	330
LM0E-17 Unfilled Air Ballast Frame Kit	Air ballast type A		3,4	1,07	0,35	150
	Air ballast type B		2,74	1,07	0,35	130
	Air ballast type C		2,29	1,07	0,35	110
LM0E-18 Concrete Filled Air Ballast Frame Kit	Air ballast type A		3,4	1,07	0,35	3000
	Air ballast type B		2,74	1,07	0,35	2500
	Air ballast type C		2,29	1,07	0,35	2000





FOUNDATION ANCHOR

CODE	ELEMENT		L(m)	W(m)	H(m)	Weight(kg)
TEM-05	S70/8 8 x M45		2,3	2,3	1,6	1122
TEM-06	S70R/16 16 x M45		2,3	2,3	1,6	1274
TEM-49	HM22 8 x M72		0,5	0,5	2,0	1400 (4x)
TEM-48	HM26 16 x M60		0,5	0,5	2,4	2100 (4x)
TEM-47	HM30 16 x M72		0,65	0,65	3,0	4400 (4x)






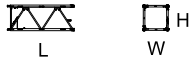
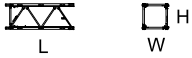
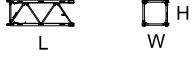









FOUNDATION ANCHOR

CODE	ELEMENT		L(m)	W(m)	H(m)	Weight(kg)
TEM-50	HM30R 24 x M72		0,65	0,65	3,0	4800 (4x)
TEM-61	OP20 8 x Ø60		0,65	0,65	2,0	1960 (4x)
TEM-60	OP20R 8 x Ø70		0,65	0,65	2,0	2210 (4x)
TEM-67	OM20R 8 x Ø78		0,65	0,65	2,0	2350 (4x)
TEME-26	SP203 8 x Ø55		0,8	0,8	1,6	1410 (4x)
TEME-56	SP203R 8 x Ø65		0,8	0,8	1,9	1500 (4x)
TEM-63	DIMA HM26 16 x M60		2,3	2,3	0,8	1650
TEM-52	DIMA HM30 16 x M72		2,7	2,4	1,0	1890
TEM-64	DIMA OP20 8 x Ø60		2,1	2,0	0,8	1200
TEM-65	DIMA OP20R 8 x Ø70		2,0	2,0	0,8	1300
TEM-F6	DIMA SP203 8 x Ø55		2,0	2,0	0,7	650
TEM-F7	DIMA SP203R 8 x Ø65		2,0	2,0	0,7	780

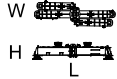
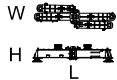
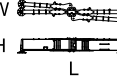
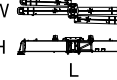
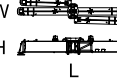

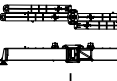

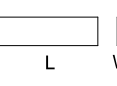
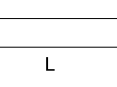
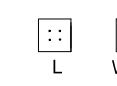

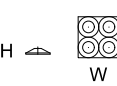
TOWER SECTION

CODE	ELEMENT		L(m)	W(m)	H(m)	Weight(kg)
TTM-109	HM22.12.8 Ø72		12,00	2,3	2,3	9000
TTM-121	HM22.6.8 Ø72		6,00	2,3	2,3	4850
TTM-135	HM22/P.3. 8 Ø72 .16 Ø45		3,00	2,3	2,1	3500
TTM-96	HM26.12.16 Ø60		11,80	2,3	2,3	11210

TOWER SECTION

CODE	ELEMENT		L(m)	W(m)	H(m)	Weight(kg)
TTM-119	HM26.6.16 Ø60 .8 Ø72		6,00	2,3	2,3	6200
TTM-124	HM30R.12.24 Ø72 .16 Ø72		11,80	2,5	2,4	14000
TTM- 123	HM30R.6.24 Ø72 .16 Ø72		6,00	2,5	2,4	7925
TTM-116	HM30.6.16 Ø72		6,00	2,3	2,3	7825
TTM-117	HM30/26.6.16 Ø72 .16 Ø60		6,00	2,4	2,3	7825
TTME-145	OP20 Ø60		5,21	2,05	2,0	3000
TTM-147	OP20R Ø70		5,35	2,1	2,0	3500
TTM-166	OP20R/OP20		5,21	2,1	2,0	3300
TTM-183	OM20R.10/OP20		10,21	2,1	2,0	5860
TTM-174	HM22/OP20R		3,35	2,1	2,0	3700
JTTE-13	SP203		3,25	2,0	2,0	1520
JTTE-14	SP203R		3,30	2,0	2,0	2400
TTM-175	P/SP203.12		11,8	2,3	2,1	5890
TTM-70	P/SP203.6		5,90	2,3	2,1	2860
TTM-69	O/SP203.6		5,90	2,1	2,1	2690
TTME-187	SM209		9,65	2,3	2,3	8700
TTME-196	SP203R/SP203 Transfer		3,25	2,0	2,0	1530

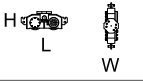
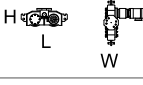
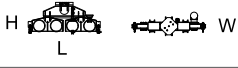
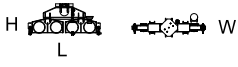
CROSSBASES

CODE	ELEMENT		L(m)	W(m)	H(m)	Weight(kg)
BA0-09	C45R-P		6,9	1,94	1,14	9000
BA0-24	C45R-OP20		6,9	1,94	1,14	9000
BA0-05	C60-900		8,66	1,47	0,96	8625
BA0-10	C60R-P		9,01	1,94	1,35	13500
BA0-25	C60R-OP20R		9,01	1,94	1,35	13500
BA0-26	C80R-HM26		11,8	1,94	1,45	17200
BA0-27	C80R-HM30		11,8	1,94	1,45	17200
BA0E-31	C60203		8,70	1,94	1,6	11500
LB0-07	Base counterweight		4,5	0,51	0,9	5000
LB0-06	Base counterweight		5,8	0,4	1,5	8000
LB0-08	Base support block		2	0,5	2	5000
BAN-05	Levellers (C45R/C60R)		1,20	1,20	0,65	250 (x4)
BAN-04	Pyramids (C38/C45)		0,5	0,5	0,4	80 (x4)

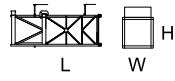
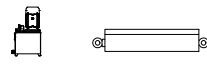

ELECTRICAL HOSE & STEEL WIRE ROPE

CODE	ELEMENT	L(m)	W(m)	H(m)	Weight(kg/m)
ZZZM-05	+m. extra electrical hose 4PX70	1,0			3,83
ZZZC-08	+m. additional HUH hoisting wire Ø16	1,0			1,33

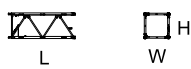


TRAVELLING

CODE	ELEMENT		L(m)	W(m)	H(m)	Weight(kg)
BAB-04	Travelling bogies 2x motorized 2x followers		1,1	0,25	0,45	1800
BAB-03	Travelling bogies 4x motorized		1,1	0,25	0,45	1960
BAB-05	Travelling bogies R 2x motorized 2x followers		2,94	1,25	0,97	12400
BAB-06	Travelling bogies R 4x motorized		2,94	1,25	0,97	13600

EXTERNAL CLIMBING

CODE	ELEMENT		L(m)	W(m)	H(m)	Weight(Kg)
JTEE-05	Jacking cage SP203		7,26	3,8	3,98	5200
JEHE-04	Ext Hydraulic Sys SP203					1600
JMAE-04	Ext. climbing tie SP203		2,7	2,7	0,3	1140

INTERNAL LADDER CLIMBING

CODE	ELEMENT		L(m)	W(m)	H(m)	Weight(kg)
JTI-25	OP20-TI-B Internal climbing tower section B		5,21	2,05	2,0	3800
JTI-24	OP20-TI-A Internal climbing tower section A		6,0	2,0	2,0	11500
**	SP203-B Internal climbing tower section		3,0	2,0	2,0	3800

40' HC x 8 - HBG 60 m



x 8 - HBG 60 m



ACCESSORIES

CODE	ELEMENT	L(m)	W(m)	H(m)	Weight(kg)
AGT-93	Remote with screen				
AGT-95	Extra heating				
AGTC-167	STC7020 Standard slip-ring				
AGT-108	200 Amp slip-ring				
AGT-164	Automatic greasing device				
AGT-24	Zonning 4.0 system				
AGT-23	Anticolision system				
AGT-162	HVAC system 50° 75CV				
AGT-26	Winter kit -1°				
**	Corporate paint / Branding				
AGT-09	De Luxe cabin				
AGT-17	Push button control 1.5m				
AGT-39	Derrick auxiliar con motor				
AGT-38	Auxiliary derrick w/o motor.				
AGT-31	Air conditioner 60Hz				
AGT-30	Air conditioner 50Hz				
AGT-28	Winter kit -20°				