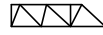
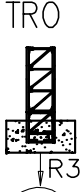
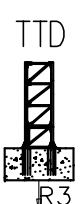


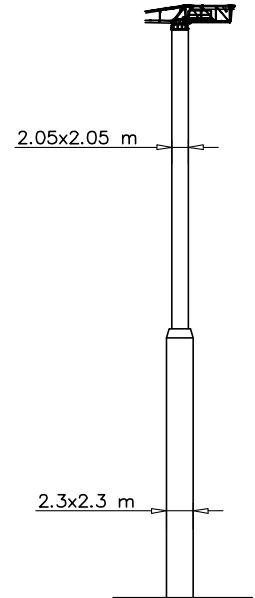
Torre/Reazioni – Masts/Reactions – Mat/Réactions – Maste/Eckdrücke – Mästil/Reacciones – Tramo/Reacções

SN2050



 20 m \rightarrow 78.3 m

Torre/Masts/Mat/Maste/Mästil/Tramo

	H[m]	4f/4f BF117	4f/4f BF052	4f/4f BF039	4f/2f SB117	4f/2f SB052	4f/2f SB039	2f/2f ST117	2f/2f ST052	2f/2f ST039	2f/2f STB117	2f/2f STB039	2f/2f RA039	4f/2f SBB039	4f/2f SBB117	4f/4f BFB117	4f/4f BFB039
TRO 	53.3	1	2	2			1			5							
TTD 	52	2	1		1			1									
	52	3			1				1								
	52		6			1			3								
	54.6											5	1	1			7
	54.6											4	1	1		1	5


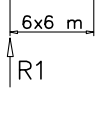


Torre/Masts/Mat/Maste/Mästil/Tramo

	H[m]	4f/4f BF117	4f/4f BF052	4f/4f BF039	4f/2f SB117	4f/2f SB052	4f/2f SB039	2f/2f ST117	2f/2f ST052	2f/2f ST039	2f/2f STB117	2f/2f STB039	2f/2f RA039	4f/2f SBB039	4f/2f SBB117	4f/4f BFB117	4f/4f BFB039
BA052 	58.5	1	2	2			1			5							
CAF 	57.2	2	1		1			1									
	57.2	3			1				1								
	57.2		6			1			3								
	59.8											5	1	1			7
	59.8											4	1	1		1	5

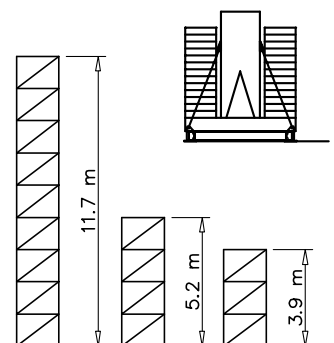
H=0–44 m	
R1	135 t
R2	140 t
R3	92 t
M	498 tm
H=45–62 m	
R1	174 t
R2	181 t
R3	119 t
M	637 tm

Torre/Masts/Mat/Maste/Mästil/Tramo

	H[m]	4f/4f BF117	4f/4f BF052	4f/4f BF039	4f/2f SB117	4f/2f SB052	4f/2f SB039	2f/2f ST117	2f/2f ST052	2f/2f ST039	2f/2f STB117	2f/2f STB039	2f/2f RA039	4f/2f SBB039	4f/2f SBB117	4f/4f BFB117	4f/4f BFB039
CATR 	50.7	3			1					1							
CATC 	47.9	2				1				2							
	49.4		5			1			4								
	52											3	1	1			7
	52											2	1	1		1	5

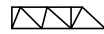
Peso zavorra–Ballast weight
Ballastgewicht–Peso de lastre



H	Tot.
0–44 m	102320 kg
45–59 m	132740 kg

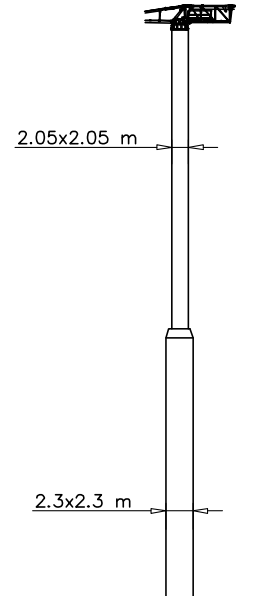


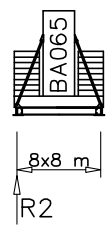
Torre/Reazioni – Masts/Reactions – Mat/Réactions – Maste/Eckdrücke – Mästil/Reacciones – Tramo/Reacções

SP2300

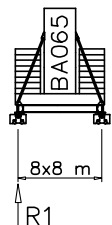

 20 m \rightarrow 78.3 m

Torre/Masts/Mat/Maste/Mästil/Tramo																			
	H[m]	BFL117	BF117	BF052	BF039	SB117	SB052	SB039	ST117	ST052	ST039	STB117	STB039	RA039	SBB039	SBB117	BFB117	BFB039	
TRO 	58.5								5										
	57.2									11									
TTD 	41.6									5	4								
	58.5												6	1			1	5	
	58.5												6	1				8	



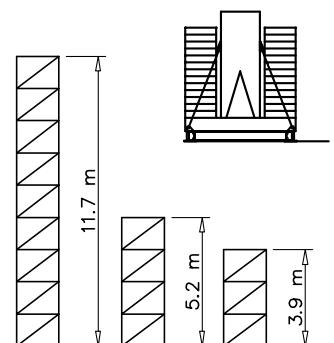
Torre/Masts/Mat/Maste/Mästil/Tramo																			
	H[m]	BFL117	BF117	BF052	BF039	SB117	SB052	SB039	ST117	ST052	ST039	STB117	STB039	RA039	SBB039	SBB117	BFB117	BFB039	
CAF 	65								5										
	58.5									10									
	48.1									5	4								
	65												6	1			1	5	
	65												6	1				8	

H=0–49 m	
R1	141 t
R2	152 t
R3	128 t
M	775 tm
H=50–74 m	
R1	181 t
R2	190 t
R3	160 t
M	973 tm







Torre/Masts/Mat/Maste/Mästil/Tramo																			
	H[m]	BFL117	BF117	BF052	BF039	SB117	SB052	SB039	ST117	ST052	ST039	STB117	STB039	RA039	SBB039	SBB117	BFB117	BFB039	
CATR 	57.2								4		1								
	55.9									8	2								
	40.3									5	2								
CATC 	57.2												4	1			1	5	
	57.2												4	1				8	

Peso zavorra–Ballast weight
Ballastgewicht–Peso de lastre







H	Tot.
0–44 m	114000 Kg
45–64 m	146000 kg









Pmax 8000 kg

	23400 kg	72.7 m	2.7		30	35	40	45	50	55	60	65	70	72.7
			16000		8000	6600	5600	4950	4300	3600	3000	2900	2600	2300
	21840 kg	67.1 m	2.7		30	35	40	45	50	55	60	65	67.1	
			16000		8000	6600	5800	5100	4500	3800	3300	3100	3000	
	20280 kg	61.5 m	2.7		30	35	40	45	50	55	60	61.5		
			16000		8000	6600	5800	5100	4500	3800	3500	3400		
	18720 kg	55.9 m	2.7		30	35	40	45	50	55	55.9			
			16000		8000	6600	5800	5100	4500	4100	4000			
	18720 kg	50.3 m	2.7		30	35	40	45	50.3					
			16000		8000	6600	5800	5100	4800					
	18720 kg	44.7 m	2.7		30	35	40	44.7						
			16000		8000	6600	5800	5500						

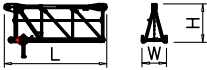












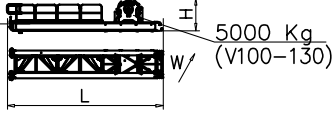
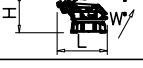






Pmax 16000/8000 kg

	23400 kg	72.7 m	2.7	14.5	15	20	25	30	35	40	45	50	55	60	65	70	72.7
			16000	16000	15600	11600	9700	7800	6600	5600	4950	4300	3600	3000	2900	2600	2300
	21840 kg	67.1 m	2.7		19.5	20	25	30	35	40	45	50	55	60	65	67.1	
			16000		16000	15900	9900	8000	6600	5800	5100	4500	3800	3300	3100	3000	
	20280 kg	61.5 m	2.7		20.3	25	30	35	40	45	50	55	60	61.5			
			16000		16000	9900	8000	6600	5800	5100	4500	3800	3500	3400			
	18720 kg	55.9 m	2.7		21.2	25	30	35	40	45	50	55	55.9				
			16000		16000	9900	8000	6600	5800	5100	4500	4100	4000				
	18720 kg	50.3 m	2.7		21.2	25	30	35	40	45	50.3						
			16000		16000	9900	8000	6600	5800	5100	4800						
	18720 kg	44.7 m	2.7		21.2	25	30	35	40	44.7							
			16000		16000	9900	8000	6600	5800	5500							

Pmax 12000/6000 kg

	23400 kg	72.7 m	2.7	19.5	20	25	30	35	40	45	50	55	60	65	70	72.7
			12000	12000	11600	9700	7800	6600	5600	4950	4300	3600	3000	2900	2600	2300
	21840 kg	67.1 m	2.7		20	25	30	35	40	45	50	55	60	65	67.1	
			12000		12000	9900	8000	6600	5800	5100	4500	3800	3300	3100	3000	
	20280 kg	61.5 m	2.7		21	25	30	35	40	45	50	55	60	61.5		
			12000		12000	9900	8000	6600	5800	5100	4500	3800	3500	3400		
	18720 kg	55.9 m	2.7		21.2	25	30	35	40	45	50	55	55.9			
			12000		12000	9900	8000	6600	5800	5100	4500	4100	4000			
	18720 kg	50.3 m	2.7		21.2	25	30	35	40	45	50.3					
			12000		12000	9900	8000	6600	5800	5100	4800					
	18720 kg	44.7 m	2.7		21.2	25	30	35	40	44.7						
			12000		12000	9900	8000	6600	5800	5500						

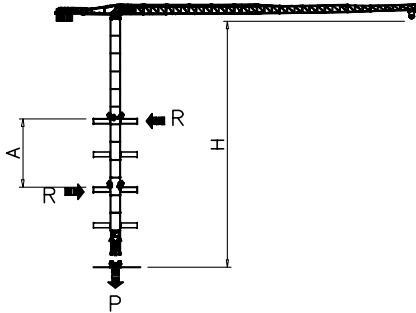
PESI E INGOMBRI – PACKING LIST – LISTE DE COLISAGE – GEWICHT UND ABMESSUNGEN

Denominazione Description	Disegno Draw	Pezzi Pieces	Dimensioni-Dimensions (mm)			Peso-Weight (kg)			
			L	W	H	Unit	Total		
Elemento di braccio Jib element Elément de èche Elemento de flecha (72 m jib version)	n°14 	1	6230	1540	2320	3737	–		
	n°13 	1	6000	1500	2320	2439	–		
	n°12 	1	5960	1500	2250	2408	–		
	n°11 	1	5960	1500	2230	1894	–		
	n°10 	1	5860	1500	2216	1633	–		
	n°9 	1	5875	1500	2196	1392	–		
	n°8 	1	5840	1500	2176	1229	–		
	n°7 	1	5830	1500	1730	1025	–		
	n°6 	1	5820	1500	1700	913	–		
	n°5 	1	5800	1500	1670	766	–		
	n°4 	1	5775	1500	1600	610	–		
	n°3 	1	5740	1500	1600	475	–		
	n°2 con punta braccio 	1	6000	1500	1280	330	–		
Contorbraccio completo Complete counterjib Contreflèche complète Contraflecha completa	5000 Kg  5000 Kg (V100-130)	1	9500	2400	2010	10000	–		
Gruppo girevole Slewing group Table tournante Grupo giratorio	SN2050 	1	3035	2230	2370	9000	–		
	SP2300 	1	3035	2230	2370	9500	–		
Carrello Trolley Chariot Carretilla	P16 	1	1970	1910	815	600	–		
Ballatoio con cabina Access balcony with cabin Porte cabine Balcòn corrido con cabina		1	2500	2150	2450	1000	–		
Blocchi contrappeso Counterweight block Contre-poids Bloques de contrapeso	VX32 	VS15 	VS15	2	1000	200	3550	1560	3120
	VX32 		VX32	6	1000	400	3550	3120	18720

PESI E INGOMBRI – PACKING LIST – LISTE DE COLISAGE – GEWICHT UND ABMESSUNGEN

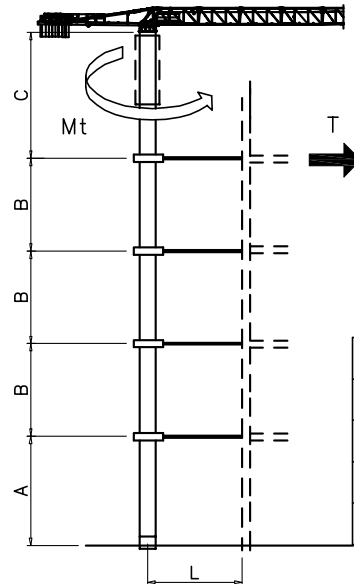
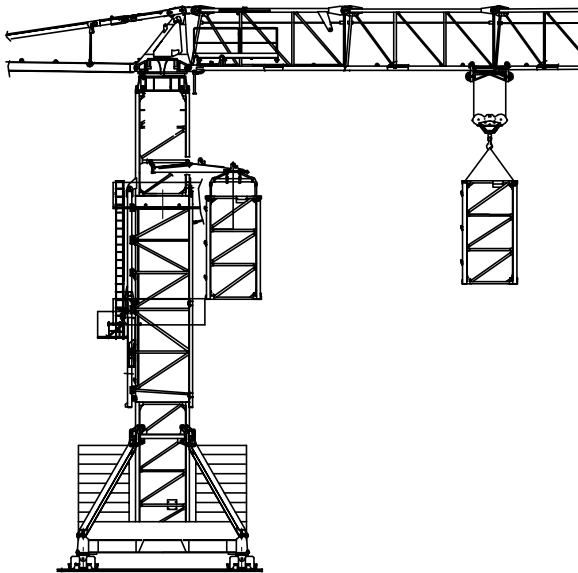
Denominazione Description	Disegno Draw	Pezzi Pieces	Dimensioni-Dimensions (mm)			Peso-Weight (kg)		
			L	W	H	Unit	Total	
Controbraccio counter jib Contrefleche Contraflecha			11500	2360	1600	6000		
Elemento di torre Mast element Elément de mature Elemento de torre	STD039	SP2300	–	3900	2360	2360	2603	–
		SN2050	–	3900	2110	2110	2320	–
	STD052	SP2300	–	5200	2360	2360	3198	–
		SN2050	–	5200	2110	2110	2850	–
	STD117	SP2300	–	11700	2360	2360	6475	–
		SN2050	–	11700	2110	2110	5790	–
	SB039	SP2300	–	3900	2360	2360	3031	–
		SN2050	–	3900	2110	2110	2710	–
	SB052	SP2300	–	5200	2360	2360	3470	–
		SN2050	–	5200	2110	2110	3350	–
	SB117	SP2300	–	11700	2360	2360	7830	–
		SN2050	–	11700	2110	2110	7000	–
BF039	SP2300	–	3900	2360	2360	4210	–	
	SN2050	–	3900	2110	2110	3770	–	
BF052	SP2300	–	5200	2360	2360	4340	–	
	SN2050	–	5200	2110	2110	3880	–	
BF117	SP2300	–	11700	2360	2360	9150	–	
	SN2050	–	11700	2110	2110	8180	–	
Elemento di base Base element Mat de base Elemento de base		SP2300	1	6500	2360	2360	4550	–
		SN2050	1	5200	2260	2260	4040	–
Carro di base Base carriage Chassis de base Cruceta de base		8x8	1	11830	670	780	3340	3340
		6x6	1	8870	670	780	2500	2500
		8x8	2	5760	420	780	1600	3200
		6x6	2	4320	420	780	1200	2400
Puntoni di base Rafter Jambes de force Cabrios de base		8x8	4	6080	420	300	560	2240
		6x6	4	4560	420	300	420	1680
Elemento a perdere Disposable frame Chassis a perdre Bastidor desechable		SP2300	1	3000	2360	2360	2350	–
		SN2050	1	2600	2260	2260	2030	–
Elemento recuperabile Recoverable frame Chassis récupérable Bastidor recuperable		SP2300	1	1300	2900	2900	2100	–
		SN2050	1	1300	2620	2620	1860	–
Bogie di traslazione Driven bogie Boggie motorisèe Balancin de traslaciòn		4	1160	700	600	700	2800	
Blocco zavorra di base Base ballast block Lest de base Blaque de lastre		8x8	2	8300	1200	600	11900	23800
		6x6	2	6400	1200	600	10600	21200
		8x8	–	6400	1600	300	5700	–
		6x6	–	4800	2000	300	5070	–
Corsoio di montaggio Climbing cage Cage de montage Jaula de montaje		SP2300	1	8300	3250	3000	7500	–
		SN2050	1	8300	2900	2700	6700	–

GRU IN CAVEDIO – TELESCOPAGE SUR DALLES – CLIMBING CRANE – KLETTERKRANE IM GEBAUDE



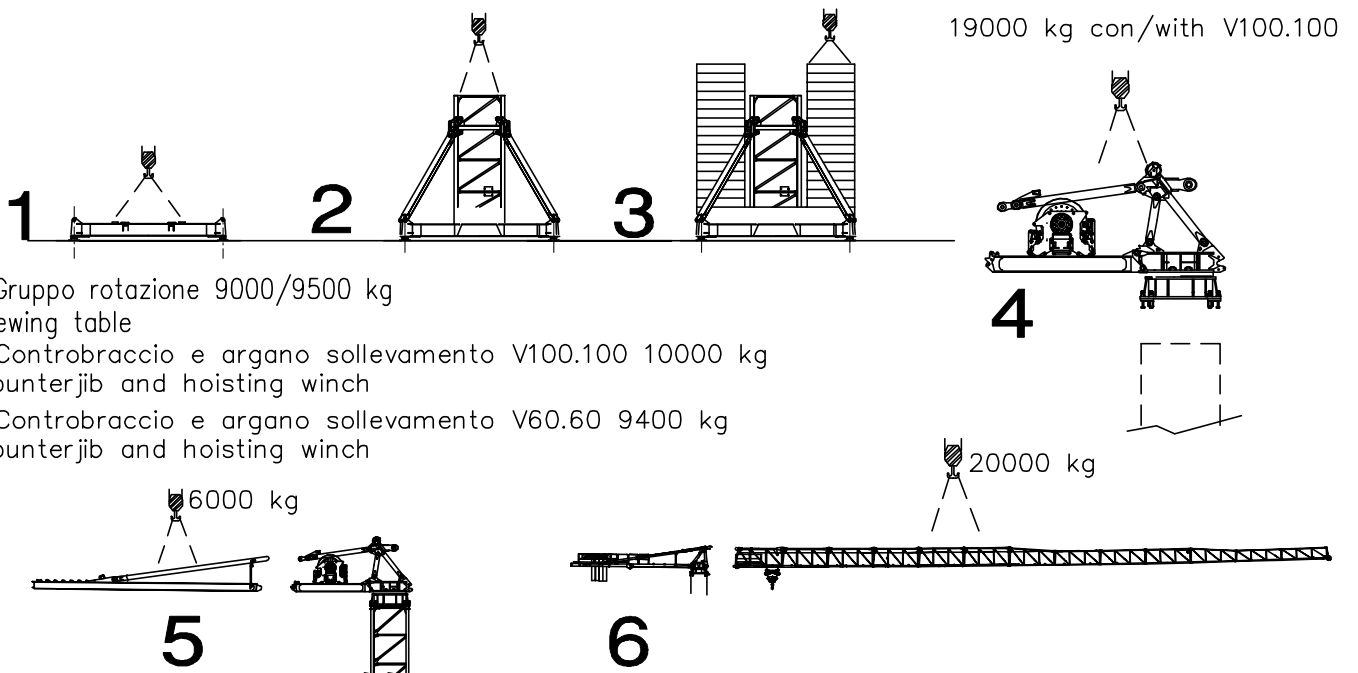
SN2050	H (m)	A (m)	R (t)	P (t)
	9	9	45.3	
	10	10	42	
	11	11	39.3	
	12	12	37	
	13	13	35	
	14	14	33.4	
	15	15	32	
	16	16	30.7	
	17	17	29.6	
	18	18	28.6	
Apertura passaggio gru Opening for crane passing 	19	27.8		
	20	27		

* SOPRALZO IDRAULICO – TELESCOPABLE – EXTERNAL CLIMBING – KLETTERKRANE



	SP2300	SN2050
C	31.2 m	31.2 m.
B	19.5 m	19.5 m
A	56 m	50 m
T	23.4 t	27.5 t
MT	26 t xm	26 t xm

Montaggio – Montage – Erection – Montage – Montaje – Montagem



- Gruppo rotazione 9000/9500 kg
Slewing table
- Controbraccio e argano sollevamento V100.100 10000 kg
Counterjib and hoisting winch
- Controbraccio e argano sollevamento V60.60 9400 kg
Counterjib and hoisting winch

Meccanismi – Mechanisms – Mécanismes – Antriebe – Mecanismos

Sollevamento V75.60 Hoisting Levage Heben Elevaciòn Elevaçao														V75.60 55 kW 85 kVA 270 m
	m/min	2	20	31	46	60	72	1	10	15	23	30	36	
	t	8	8	7	4.5	3	1.4	16	16	14	9	6	2.8	

Sollevamento V100.100 Hoisting Levage Heben Elevaciòn Elevaçao														V100.100 75 kW 110 kVA 360 m 750 m (L)
	m/min	4	21	40	64	86	100	2	10	20	32	43	50	
	t	8	8	8	5.5	3.8	2	16	16	16	11	7.6	4	

Sollevamento V100.130 Hoisting Levage Heben Elevaciòn Elevaçao														V100.130 75 kW 110 kVA 360 m 750 m (L)
	m/min	6	28	54	86	115	130	3	14	27	43	57	65	
	t	6	6	6	4	2.8	1.4	12	12	12	8	5.6	2.8	

Carrello Trolleying Distribution Katzfahren Distribuciòn Distribuçao			0 → 80 0 → 120 OP	m/min	5.5 kW	Potenza elettrica necessaria Puissance électrique nécessaire Necessary electric power Anschlusswert – Potencia
Rotazione Slewing Orientation Schwenken Orientaciòn Rotaçao			0 → 0,9	giri/min tr/min rp/min	16 kW @ 1200rpm n° 4 x 4 kW	
Traslazione Travelling Translation Kranfahren Traslaciòn Traslaçao			0 → 20	m/min	9 kW	

Rete elettrica – Réseau – Mains supply – Netzstrom – Red – Rede electrica	400V – 50 Hz
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AFM Gru FMgru s.r.l.
via Emilia 11-29010 Pontenure PC ITALY
tel. 0523/510446 ric.aut. fax 0523/510365
www.fmgru.it e-mail: info@fmgru.com

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