







Torre/Reazioni | Masts/Reactions | Mat/Réactions | Maste/Eckdrücke | Mástil/Reacciones | Tramo/Reacções

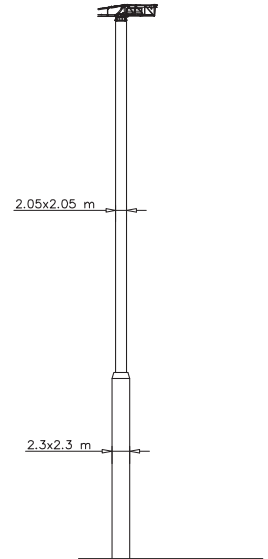
SN2050

 20 m → 61.5 m

		Torre/Masts/Mat/Maste/Mástil/Tramo														
	H[m]	4f/4f BFL117	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
TRO																
	M	55.9	2				1		1	1	1					
TTD		55.9		4				1			5	1				
	M	55.9	1		1	1										
	M	52	1		1	1				2						
	M	46.8	1				1			2						
	M	55.9	1		1								6	1		1
	M	55.9		4									7	1	1	
	M	55.9	1		1	1							7	1	1	


		Torre/Masts/Mat/Maste/Mástil/Tramo														
	H[m]	4f/4f BFL117	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
CAF																
	M	61.1	2						1	1	1					
CAF		61.1		4				1			5	1				
	M	61.1	1		1	1						9				
	M	57.2	1		1					2						
	M	52	1				1			2						
	M	61.1	1		1								6	1		1
	M	61.1		4									7	1	1	
	M	61.1	1		1	1							7	1	1	

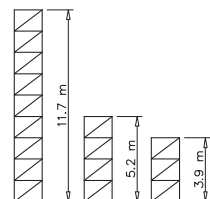
		Torre/Masts/Mat/Maste/Mástil/Tramo														
	H[m]	4f/4f BFL117	4f/4f BF117	4f/4f BF052	4f/4f BF039	4f/2f SB117	4f/2f SB052	4f/2f SB039	2f/2f ST117	2f/2f ST052	2f/2f ST039	2f/2f STB117	2f/2f STB039	2f/2f RA039	4f/2f SBB039	4f/2f SBB117
CATR																
	M	57.2	2						1	1	1					
CATC		57.2		4				1			5					
	M	57.2	1		1	1						8				
	M	57.2	1		1	1				2						
	M	52	1				1			2						
	M	57.2	1		1								5	1		
	M	57.2		4									6	1	1	
	M	57.2	1		1	1							6	1	1	



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

Peso zavorra | Ballast weight | Poids du lest | Ballastgewicht | Peso de lastre

	H	Tot.
	0-44 m	98000 kg
	45-62 m	132740 kg

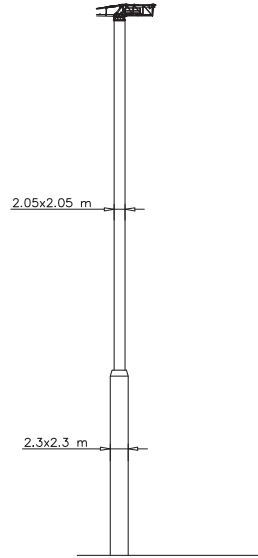


Torre/Reazioni | Masts/Reactions | Mat/Réactions | Maste/Eckdrücke | Mástil/Reacciones | Tramo/Reacções

SN2300

20 m → 61.5 m

		Torre/Masts/Mat/Maste/Mástil/Tramo														
TRO	H[m]	4f/4f BF117	4f/4f BF052	4f/4f BF039	4f/4f SB117	4f/4f SB052	4f/4f SB039	4f/4f ST117	4f/4f ST052	4f/4f ST039	4f/4f STB117	4f/4f STB039	4f/4f RA039	4f/4f SBB039	4f/4f SBB117	
		67.6							1	1	13					
		67.6							5	1	1					
		67.6									13					
		59.8							4	1						
*	67.6							1	1	9	1		1			
*	66.3								3	12				1		



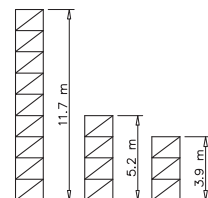
		Torre/Masts/Mat/Maste/Mástil/Tramo														
CAF	H[m]	4f/4f BF117	4f/4f BF052	4f/4f BF039	4f/4f SB117	4f/4f SB052	4f/4f SB039	4f/4f ST117	4f/4f ST052	4f/4f ST039	4f/4f STB117	4f/4f STB039	4f/4f RA039	4f/4f SBB039	4f/4f SBB117	
		74.1							1	1	13					
		74.1							5	1	1					
		74.1									13					
		66.3							4	1						
*	74.1							1	1	9	1		1			
*	72.8								3	12				1		

	H=0-49 m	H=50-75 m
R1	141 t	181 t
R2	152 t	190 t
R3	128 t	160 t
M	775 tm	973 tm

		Torre/Masts/Mat/Maste/Mástil/Tramo														
CATR CATC	H[m]	4f/4f BF117	4f/4f BF052	4f/4f BF039	4f/4f SB117	4f/4f SB052	4f/4f SB039	4f/4f ST117	4f/4f ST052	4f/4f ST039	4f/4f STB117	4f/4f STB039	4f/4f RA039	4f/4f SBB039	4f/4f SBB117	
		66.3							1	1	13					
		66.3							5	1	1					
		66.3									13					
		58.5							4	1						
*	66.3							1	1	9	1		1			
*	65								3	12				1		

Peso zavorra | Ballast weight | Poids du lest | Ballastgewicht | Peso de lastre

	H	Tot.
	0-44 m	114000 kg
	45-75 m	146000 kg



Curve di carico | Courbes de charges | Load diagrams | LastKurven | Curvas de cargas

Pmax 6000 kg

	18720 kg	61.5 m	2.7	31.5	35	40	45	50	55	60	61.5
			6000	6000	5310	4525	3915	3425	3030	2700	2600
	17160 kg	55.9 m	2.7	33.8	35	40	45	50	55	55.9	
			6000	6000	5730	4980	4400	3840	3350	3200	
	15600 kg	50.3 m	2.7	35.2	40	45	50	50.3			
			6000	6000	5350	4780	4040	3900			
	14040 kg	44.7 m	2.7	36.5	40	44.7					
			6000	6000	5350	4750					
	12480 kg	39.1 m	2.7	36.5	39.1						
			6000	6000	5400						

















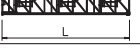










Pmax 12000/6000 kg

	18720 kg	61.5 m	2.7	17.2	20	25	30	31.5	35	40	45	50	55	60	61.5
			12000	12000	10400	8100	6550	6000	5310	4525	3915	3425	3030	2700	2600
	17160 kg	55.9 m	2.7	17.8	20	25	30	33.8	35	40	45	50	55	55.9	
			12000	12000	10900	8550	6800	6000	5730	4980	4400	3840	3350	3200	
	15600 kg	50.3 m	2.7	18.5	20	25	30	35.2	40	45	50	50.3			
			12000	12000	11200	9100	7600	6000	5350	4780	4040	3900			
	14040 kg	44.7 m	2.7	19	20	25	30	35	36.5	40	44.7				
			12000	12000	11400	9700	8200	6800	6000	5350	4750				
	12480 kg	39.1 m	2.7	19	20	25	30	35	36.5	39.1					
			12000	12000	11400	9700	8200	6800	6000	5400					

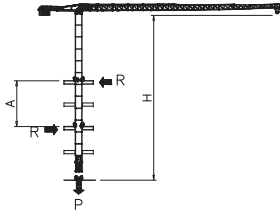
Pesi e ingombri | Packing list | Liste de colisage | Gewicht und abmessungen

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 (61.5 m jib version)	n°11	1	6260	1540	2305	2301	-
	n°10	1	5850	1500	2176	1600	-
	n°9	1	5840	1500	1720	1450	-
	n°8	1	5820	1500	1700	1250	-
	n°7	1	5800	1500	1670	1020	-
	n°6	1	5795	1500	1670	920	-
	n°5	1	5770	1500	1630	770	-
	n°4	1	5750	1500	1630	610	-
	n°3	1	5735	1500	1630	470	-
	n°2	1	5718	1500	1630	380	-
	n°1	1	5696	1500	1280	275	-
Punta braccio	1	700	1200	500	55	-	
Contorbraccio completo Complete counterjib Contreflèche complète Contraflecha completa		1	11900	2100	1750	5000	-
Gruppo girevole Slewing group Table tournante Grupo giratorio	SN2050	1	3035	2230	2370	9000	-
	SP2300	1	3035	2230	2370	9500	-
Carrello Trolley Chariot Carretilla	P12	1	1970	1910	815	600	-
Ballatoio con cabina Access balcony with cabin Porte cabine Balcón corrido con cabina		1	2500	2150	2450	1000	-
Blocchi contrappeso Counterweight block Contre-poids Bloques de contrapeso	VX32	VS15	1000	200	3550	1560	3120
	VS15						VX32

Pesi e ingombri | Packing list | Liste de colisage | Gewicht und abmessungen

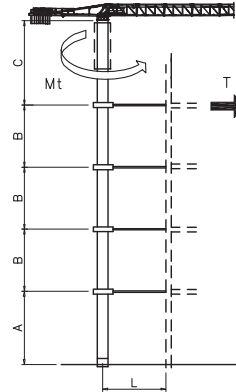
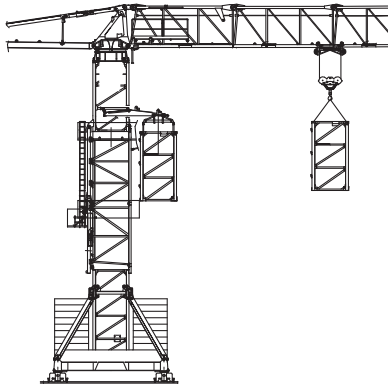
Denominazione Description	Disegno Draw	Pezzi Pieces	Dimensioni-Dimensions (mm)			Peso-Weight (kg)		
			L	W	H	Unit	Total	
Elemento di torre Mast element Elément de mature Elemento de torre	STD039	 SP2300	—	3900	2360	2360	2603	—
		 SN2050	—	3900	2110	2110	2320	—
	STD052	 SP2300	—	5200	2360	2360	3198	—
		 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 Rafters 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		W/	4	1160	700	600	700	2800
Blocco zavorra di base Base ballast block Lest de base Bloque 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	—
Contorbraccio completo Complete counterjib Contreflèche complète Contraflecha completa		W/	1	4100	2250	2450	5000	—

Gru in cavedio | Télescopage sur dalles | Climbing crane | Kletterkrane im Gebäude



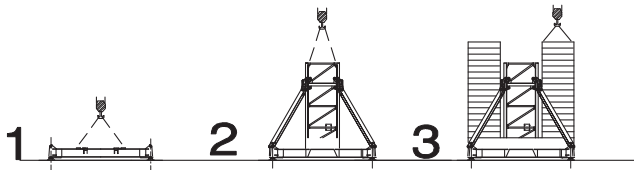
SN2050	H (m)	A (m)	R (t)	P (t)
	9	45.3		
	10	42		
	11	39.3		
	12	37		
	13	35		
	14	33.4		
	15	32		
	16	30.7		
	17	29.6		
	18	28.6		
Apertura passaggio gru Opening for crane passing 	19	27.8		
	20	27		

Sopralzo idraulico | Telescopic | External climbing | Kletterkrane

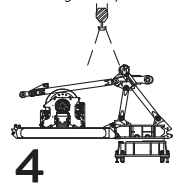


	SP2300	SN2050
C	31.2 m	31.2 m
B	19.5 m	19.5 m
A	56 m	50 m
T	23.4 m	27.5 m
MT	26 t xm	26 t xm

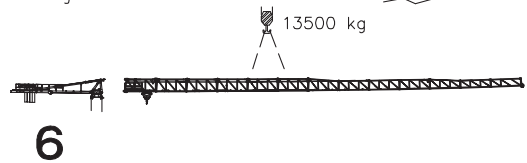
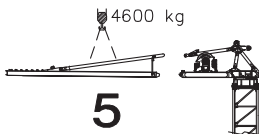
Montaggio | Montage | Erection | Montage | Montaje | Montagem



13420 kg con/with V100.130
12020 kg con/with V45.60



- Gruppo rotazione 7600 kg
Slewing table
- Controbraccio e argano sollevamento V100.130 10800 kg
Counterjib and hoisting winch
- Controbraccio e argano sollevamento V45.60 9400 kg
Counterjib and hoisting winch



Meccanismi | Mechanisms | Mécanismes | Antriebe | Mecanismos

Sollevamento V45.60 Hoisting Levage Heben Elevaci3n Eleva33o														V45.60 33 kW 57 kVA 270 m 500 m (L)
	m/min	3	14	30	45	60	72	1.5	7	15	22.5	30	36	
	t	6	6	6	3.5	2.4	1.4	12	12	12	7	4.8	2.8	

Sollevamento V100.130 Hoisting Levage Heben Elevaci3n Eleva33o														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 Distribuci3n Distribui33o			0 → 110	m/min	5.5 kW	Potenza elettrica necessaria Puissance électrique nécessaire Necessary electric power Anschlusswert Potencia
Rotazione Slewing Orientation Schwenken Orientaci3n Rota33o			0 → 0,9	giri/min tr/min rp/min	6.6 kW @ 1200rpm n° 3 x 2.2 kW	
Traslazione Travelling Translation Kranfahren Traslaci3n Traslac33o			0 → 20	m/min	9 kW	

Rete elettrica | Réseau | Mains supply | Netzstrom | Red | Rede electrica

400 V - 50 Hz