

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

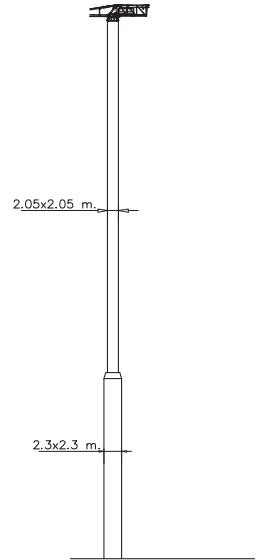
SN2050

20 m  $\rightarrow$  72.7 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		55.9	2				1			1	1	1						
		55.9		4					1			5	1					
TTD		55.9	1		1	1			1									
		52	1		1		1			2								
		46.8	1				1			2								
		55.9	1		1										6	1		1
		55.9		4											7	1	1	
		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		61.1	2				1			1	1	1						
		61.1		4				1				5	1					
		61.1	1		1	1			1				9					
		57.2	1		1		1			2								
		52	1				1			2								
		61.1	1		1									6	1		1	
		61.1		4										7	1	1		
		61.1	1		1	1								7	1	1		

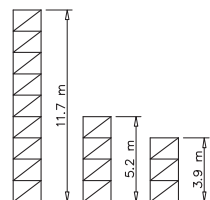
		Torre/Masts/Mat/Maste/Mástil/Tramo															
		H[m]	4f/4f BFL117	4f/4f BF117	4f/4f BF052	4f/4f BF039	4f/2f SB117	4f/2f SB052	4f/2f SB039	2f/2f ST117	2f/2f ST052	2f/2f ST039	2f/2f STB117	2f/2f STB039	2f/2f RA039	4f/2f SBB039	4f/2f SBB117
CATR		57.2	2				1			1	1						
		57.2		4				1			5						
		57.2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



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

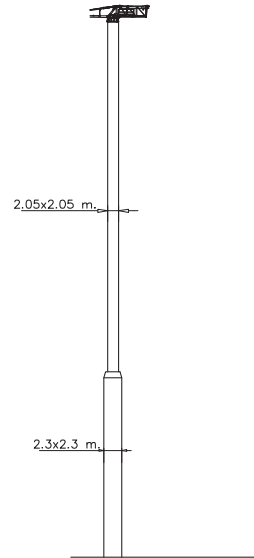
**SP2300**

20 m → 72.7 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			

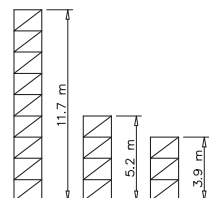
		Torre/Masts/Mat/Maste/Mástil/Tramo														
CATR CATC 	H[m]	4f/4f BF117	4f/4f BF052	4f/4f BF039	4f/4f SB117	4f/4f SB052	4f/4f SB039	4f/4f ST117	4f/4f ST052	4f/4f ST039	4f/4f STB117	4f/4f STB039	4f/4f RA039	4f/4f SBB039	4f/4f SBB117	
	66.3								1	1	13					
	66.3							5	1	1						
	66.3								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



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

**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

	21840 kg	72.7 m	2.7	22.5	25	30	35	40	45	50	55	60	65	70	72.7
			6000	6000	5600	4500	3700	3100	2650	2300	1950	1750	1550	1400	1300
	20280 kg	67.1 m	2.7	25.4	30	35	40	45	50	55	60	65	67.1		
			6000	6000	5230	4400	3800	3320	2830	2400	2050	1800	1700		
	18720 kg	61.5 m	2.7	29.8	30	35	40	45	50	55	60	61.5			
			6000	6000	5900	5200	4450	3800	3350	2950	2600	2500			
	17160 kg	55.9 m	2.7	32.8	35	40	45	50	55	55.9					
			6000	6000	5600	4850	4300	3740	3250	3100					
	15600 kg	50.3 m	2.7	33.9	35	40	45	50	50.3						
			6000	6000	5800	5150	4550	3900	3800						
	14040 kg	44.7 m	2.7				35	40	44.7						
			6000				6000	5250	4650						
	12480 kg	39.1 m	2.7				35	39.1							
			6000				6000	5300							



Pmax 12000/6000 kg

















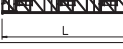


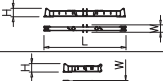




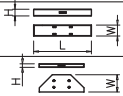


	21840 kg	72.7 m	2.7	12.5	15	20	22.5	25	30	35	40	45	50	55	60	65	70	72.7
			12000	12000	10500	7650	6000	5600	4500	3700	3100	2650	2300	1950	1750	1550	1400	1300
	20280 kg	67.1 m	2.7	13.6	15	20	25	25.4	30	35	40	45	50	55	60	65	67.1	
			12000	12000	11100	9600	7000	6000	5230	4400	3800	3320	2830	2400	2050	1800	1700	
	18720 kg	61.5 m	2.7	15.3	20	25	29.8	30	35	40	45	50	55	60	61.5			
			12000	12000	9500	7600	6000	5900	5200	4450	3800	3350	2950	2600	2500			
	17160 kg	55.9 m	2.7	16.5	20	25	30	32.8	35	40	45	50	55	55.9				
			12000	12000	10200	8100	6500	6000	5600	4850	4300	3740	3250	3100				
	15600 kg	50.3 m	2.7	17.3	20	25	30	33.9	35	40	45	50	50.3					
			12000	12000	10650	8800	7350	6000	5800	5150	4550	3900	3800					
	14040 kg	44.7 m	2.7	18.1	20	25	30	35	40	44.7								
			12000	12000	11000	9450	7800	6000	5250	4650								
	12480 kg	39.1 m	2.7	18.5	20	25	30	35	39.1									
			12000	12000	11200	9500	8000	6000	5400									



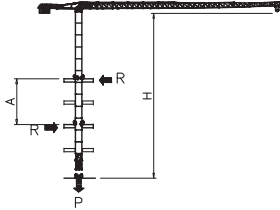
Pesi e ingombri | Packing list | Liste de colisage | Gewicht und abmessungen

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 (72.7 m. jib version)	n°13		1	6260	1540	2305	2301	-	
	n°12		1	5900	1500	2220	1597	-	
	n°11		1	5850	1500	2200	1437	-	
	n°10		1	5850	1500	2176	1230	-	
	n°9		1	5840	1500	1720	1035	-	
	n°8		1	5820	1500	1700	945	-	
	n°7		1	5800	1500	1670	803	-	
	n°6		1	5795	1500	1670	702	-	
	n°5		1	5770	1500	1630	565	-	
	n°4		1	5750	1500	1630	445	-	
	n°3		1	5735	1500	1630	370	-	
	n°2		1	5718	1500	1630	241	-	
	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	2	1000	200	3550	1560	3120
	VS15			6	1000	400	3550	3120	18720

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

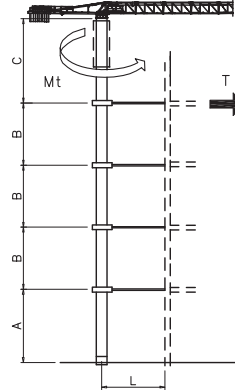
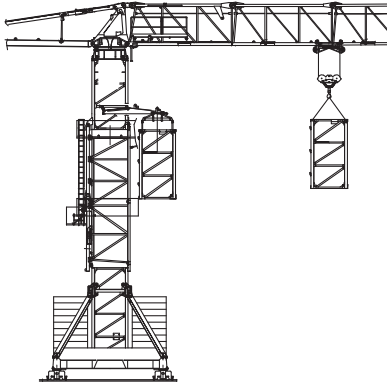
Denominazione Description	Disegno Draw	Pezzi Pieces	Dimensioni-Dimensions (mm)			Peso-Weight (kg)		
			L	W	H	Unit	Total	
Elemento di torre Mast element Élément de mât Elemento de torre	STD039	 SP2300	—	3900	2360	2360	2603	—
		 SN2050	—	3900	2110	2110	2320	—
	STD052	 SP2300	—	5200	2360	2360	3198	—
		 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			4	1160	700	600	700	2800
Blocco zavorra di base Base ballast block Lest de base Bloquent 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			1	4100	2250	2450	5000	—

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



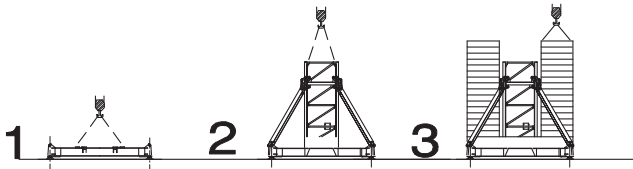
SN2050	H (m)	A (m)	R (t)	P (t)	
	9	45.3			
	10	42			
	11	39.3			
	12	37			
	13	35			
	14	33.4			
	Apertura passaggio gru Opening for crane passing				
	15	32			
	16	30.7			
	17	29.6			
18	28.6				
19	27.8				
20	27				

Sopralzo idraulico | Telescopic | External climbing | Kletterkrane

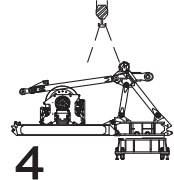


	SP2300	SN2050
C	31.2 m	31.2 m
B	19.5 m	19.5 m
A	56 m	50 m
T	23.4 m	27.5 m
MT	26 t x m	26 t x m

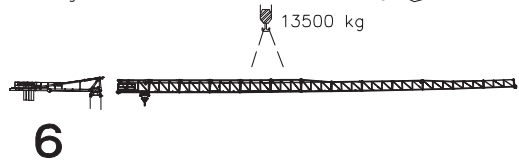
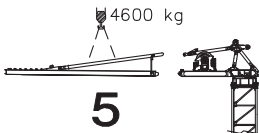
Montaggio | Montage | Erection | Montage | Montaje | Montagem



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 Elevaciòn Elevaçao														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 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 → 110	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	6.6 kW @ 1200rpm n* 3 x 2.2 kW	
Traslazione Travelling Translation Kranfahren Traslaciòn Traslaçao			0 → 20	m/min	9 kW	

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

400 V - 50 Hz