
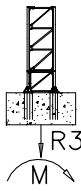
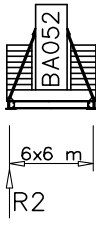


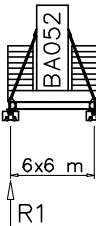

Torre/Reazioni – Masts/Reactions – Mat/Réactions – Maste/Eckdrücke – Mästil/Reacciones – Tramo/Reaçções

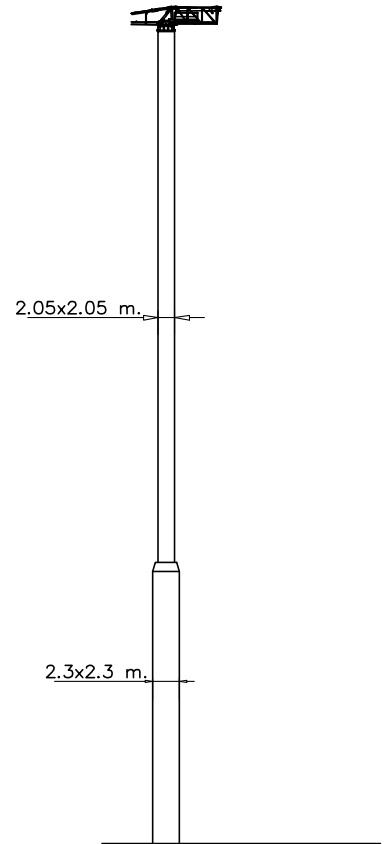
SN2050

 20 m \rightarrow 72.7 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
TRO 	55.9	2			1			1	1	1					
	55.9	4				1			5	1					
TTD 	55.9	1	1	1			1			9					
	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/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
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		

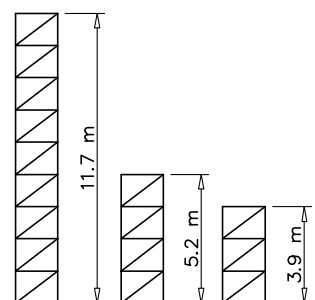
Torre/Masts/Mat/Maste/Mästil/Tramo															
	H[m]	4f/4f BF117	4f/4f BF052	4f/4f BF039	4f/2f SB117	4f/2f SB052	4f/2f SB039	2f/2f ST117	2f/2f ST052	2f/2f ST039	2f/2f STB117	2f/2f STB039	2f/2f RA039	4f/2f SBB039	4f/2f SBB117
CATR 	57.2				1			1	1						
	57.2	4				1		5							
	57.2		1	1			1			8					
CATC 	57.2		1		1			2							
	* 57.2		1									5	1		
	* 57.2	4										6	1	1	
	* 57.2		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—
Ballastgewicht—Peso de lastre

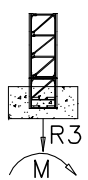
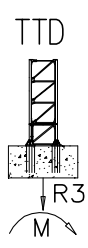
H	Tot.
0-44 m	102320 kg
45-62 m	132740 kg




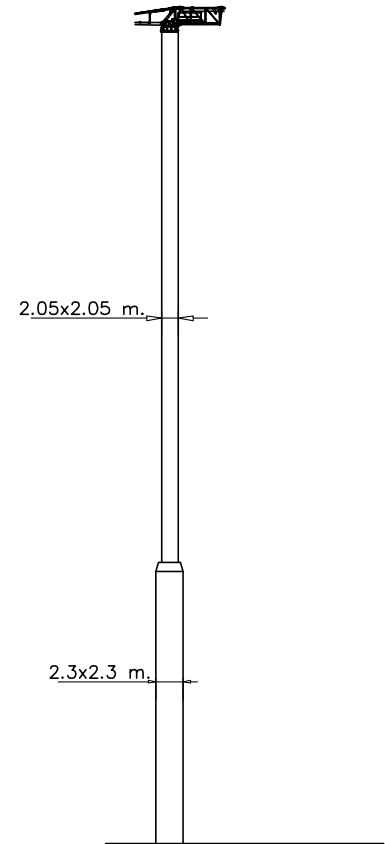
Torre/Reazioni – Masts/Reactions – Mat/Réactions – Maste/Eckdrücke – Măstil/Reacciones – Tramo/Reações

SP2300

 20 m —→ 72.7 m

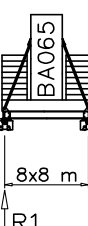
Torre/Masts/Mat/Maste/Măstil/Tramo															
	H[m]	4f/4f BF117	4f/4f BF052	4f/4f BF039	4f/4f SB117	4f/4f SB052	4f/4f SB039	4f/4f ST117	4f/4f ST052	4f/4f ST039	4f/4f STB117	4f/4f STB039	4f/4f RA039	4f/4f SBB039	4f/4f SBB117
TRO 	67.6							1	1	13					
	67.6							5	1	1					
TTD 	67.6								13		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

Torre/Masts/Mat/Maste/Măstil/Tramo															
	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
CAF 	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		

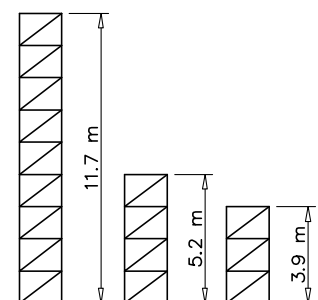


H=0–49 m		H=50–75 m	
R1	141 t	R1	181 t
R2	152 t	R2	190 t
R3	128 t	R3	160 t
M	775 tm	M	973 tm

Peso zavorra–Ballast weight–
Ballastgewicht–Peso de lastre








Torre/Masts/Mat/Maste/Măstil/Tramo															
	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
CATR IIII CATC 	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	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						

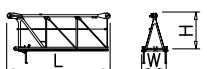
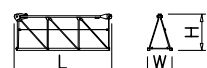
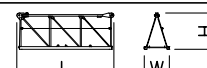

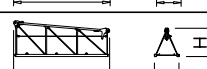
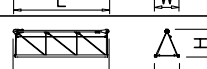
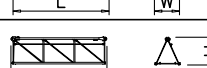
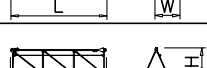
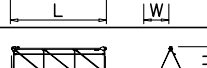


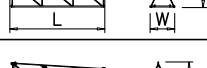
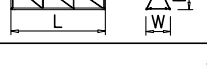

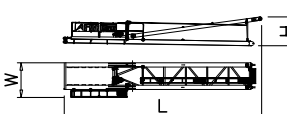
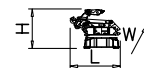

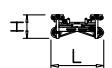
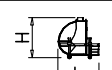
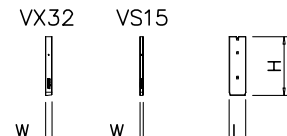


Pmax 12000/6000 kg


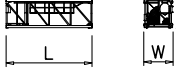
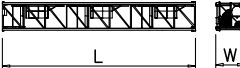

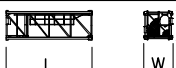


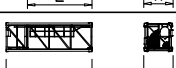

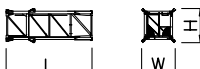
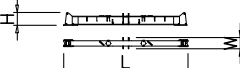



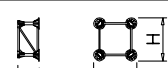


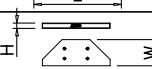
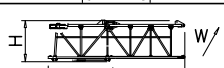
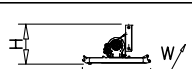
	21840 kg	72.7 m	2.7	12.5	15	20	22.5	25	30	35	40	45	50	55	60	65	70	72.7
			12000	12000	10500	7650	6000	5600	4500	3700	3100	2650	2300	1950	1750	1550	1400	1300
	20280 kg	67.1 m	2.7		13.6	15	20	25	25.4	30	35	40	45	50	55	60	65	67.1
			12000		12000	11100	9600	7000	6000	5230	4400	3800	3320	2830	2400	2050	1800	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	5300						



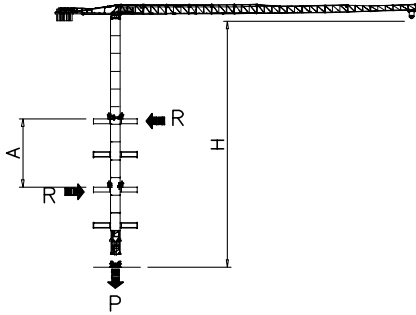
PESI E INGOMBRI – PACKING LIST – LISTE DE COLISAGE – GEWICHT UND ABMESSUNGEN

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 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	6	1000	400	3550	3120	18720

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

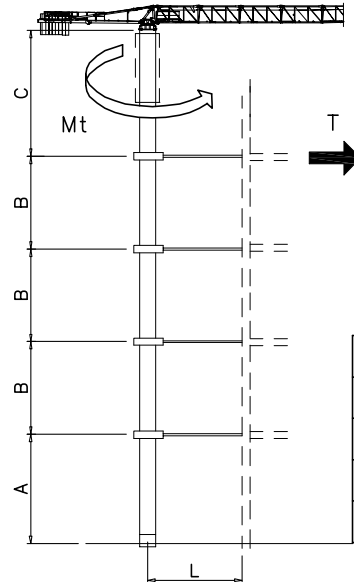
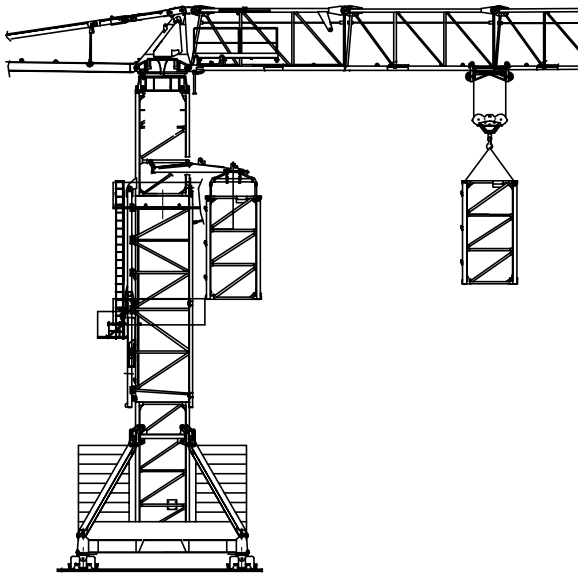
Denominazione Description	Disegno Draw	Pezzi Pieces	Dimensioni-Dimensions (mm)			Peso-Weight (kg)		
			L	W	H	Unit	Total	
Elemento di torre Mast element Elément de mât Elemento de torre	 STD039	SP2300	–	3900	2360	2360	2603	–
		SN2050	–	3900	2110	2110	2320	–
	 STD052	SP2300	–	5200	2360	2360	3198	–
		SN2050	–	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 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	–
Contorbraccio completo Complete counterjib Contreflèche complète Contraflecha completa		1	4100	2250	2450	5000	–	

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



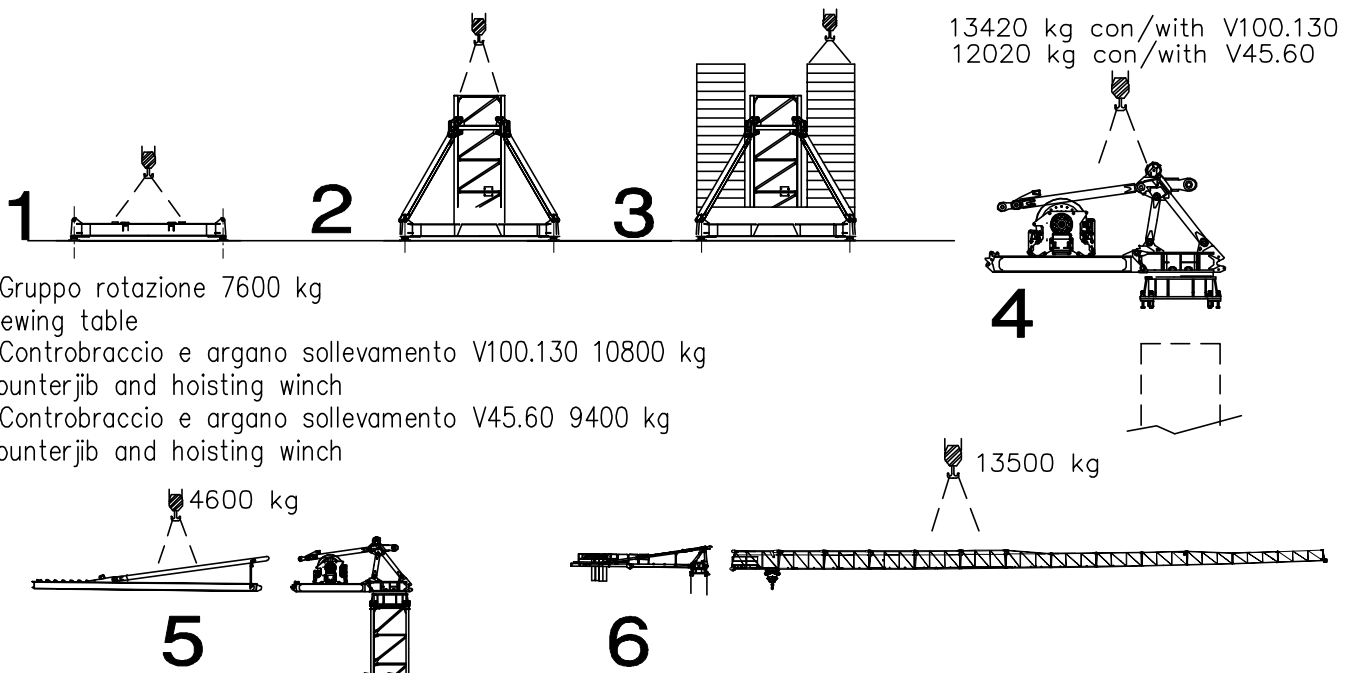
SN2050	H (m)	A (m)	R (t)	P (t)
	9	45.3		
	10	42		
	11	39.3		
	12	37		
	13	35		
	14	33.4		
	15	32		
	16	30.7		
	17	29.6		
	18	28.6		
Apertura passaggio gru Opening for crane passing 	19	27.8		
	20	27		

* SOPRALZO IDRAULICO – 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 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 V75.100 Hoisting Levage Heben Elevaciòn Elevaçao														V75.100 55 kW 78 kVA 270 m 570 m (L)
	m/min	4	20	48	64	78	95	2	10	24	32	39	47.5	
	t	6	6	6	4.2	3.2	1.9	12	12	12	8.4	6.4	3.8	
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 Distribuiçao			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	12 kW @ 1200rpm n° 3 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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