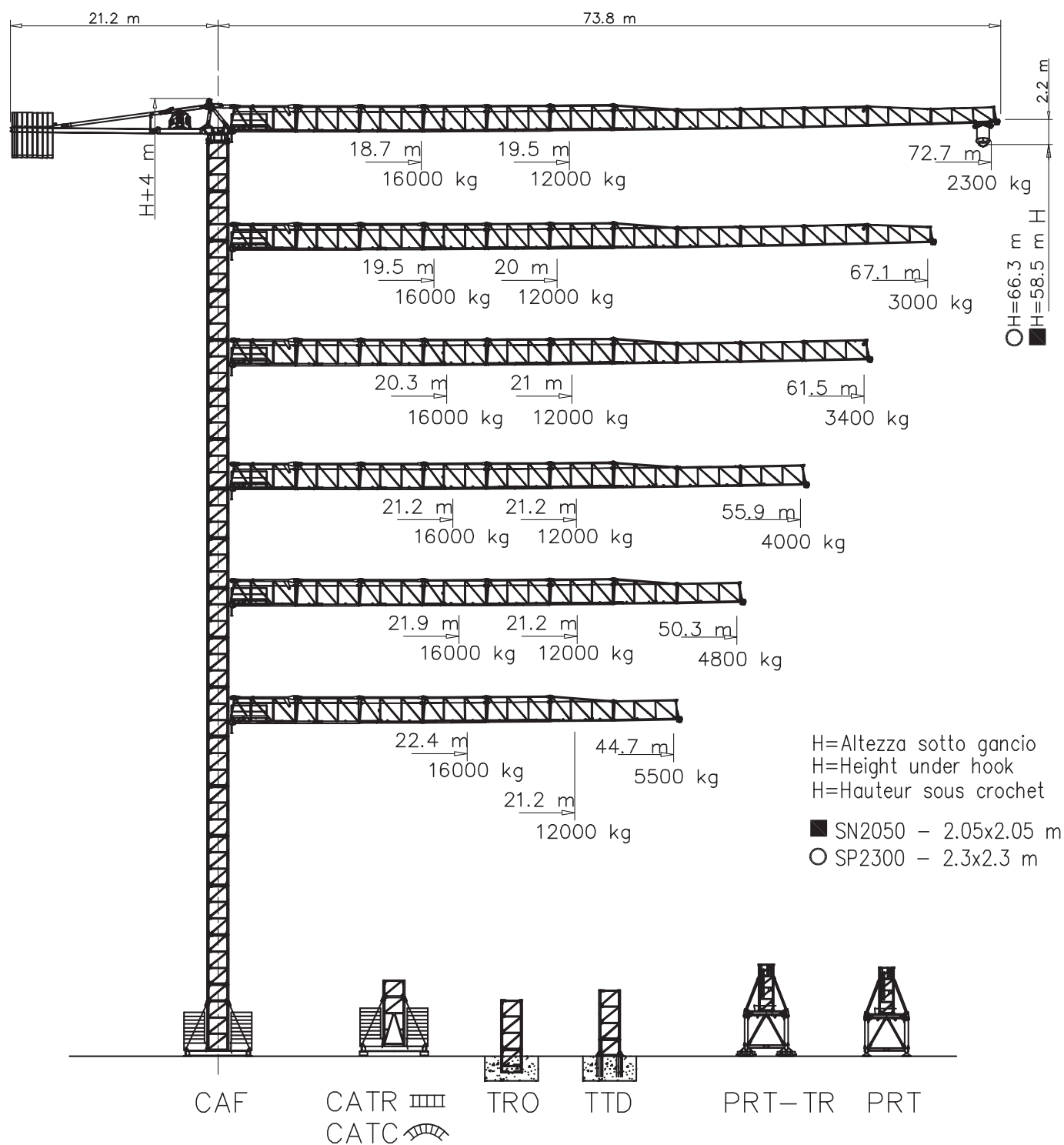


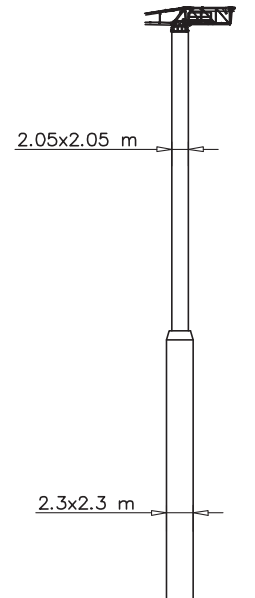


Torre/Reazioni – Masts/Reactions – Mat/Réactions – Maste/Eckdrücke – Măstil/Reacciones – Tramo/Reacções

SN2050

20 m $\longrightarrow$ 78.3 m

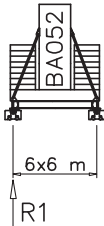
Torre/Masts/Mat/Maste/Măstil/Tramo																		
TRO  	H[m]	4f/4f BFL117	4f/4f BF117	4f/4f BF052	4f/4f BF039	4f/2f SB117	4f/2f SB052	4f/2f SB039	2f/2f ST117	2f/2f ST052	2f/2f ST039	2f/2f STB117	2f/2f STB039	2f/2f RA039	4f/2f SBB039	4f/2f SBB117	4f/4f BFB117	4f/4f BFB039
	53.3		1	2	2			1			5							
	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/Măstil/Tramo																			
 CAF	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	4f/4f BFB117	4f/4f BFB039	
	58.5		1	2	2			1			5								
	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

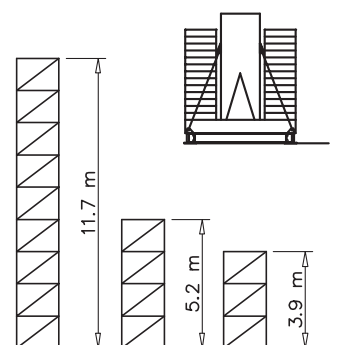
H=0–44 m	
R1	135 t
R2	140 t
R3	92 t
M	498 tm

H=45–62 m	
R1	174 t
R2	181 t
R3	119 t
M	637 tm

Torre/Masts/Mat/Maste/Măstil/Tramo																		
 CATR  CATC  * *	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	4f/4f BFB117	4f/4f BFB039
	50.7		3			1					1							
	47.9		2				1				2							
	49.4			5			1			4								
	* 52													3	1	1		7
	* 52													2	1	1		1

Peso zavorra–Ballast weight
Ballastgewicht–Peso de lastre

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

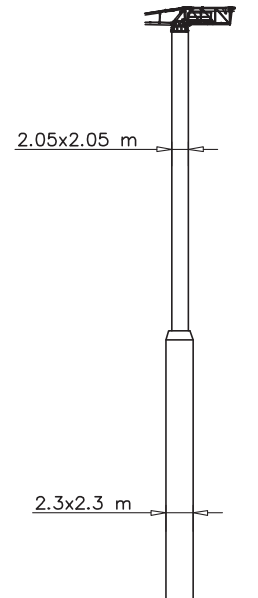


Torre/Reazioni – Masts/Reactions – Mat/Réactions – Maste/Eckdrücke – Mästil/Reacciones – Tramo/Reacções

SP2300

20 m — 78.3 m

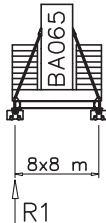
Torre/Masts/Mat/Maste/Mästil/Tramo																		
TRO	H[m]	4f/4f BFL117	4f/4f BF117	4f/4f BF052	4f/4f BF039	4f/4f SB117	4f/4f SB052	4f/4f SB039	4f/4f ST117	4f/4f ST052	4f/4f ST039	4f/4f STB117	4f/4f STB039	4f/4f RA039	4f/4f SBB039	4f/4f SBB117	4f/4f BFB117	4f/4f BFB039
	58.5								5									
	57.2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



Torre/Masts/Mat/Maste/Mästil/Tramo																			
  CAF	H[m]	4f/4f BFL117	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	4f/4f BFB117	4f/4f BFB039	
	65								5										
	58.5									10									
	48.1									5	4								
	*	65												6	1			1	5
	*	65												6	1				8

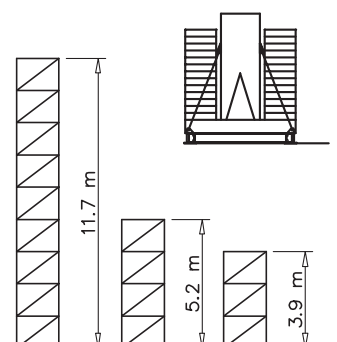
H=0–49 m	
R1	141 t
R2	152 t
R3	128 t
M	775 tm

H=50–74 m	
R1	181 t
R2	190 t
R3	160 t
M	973 tm

Torre/Masts/Mat/Maste/Măstil/Tramo																		
 CATR  CATC  * *	H[m]	4f/4f BFL117	4f/4f BF117	4f/4f BFO52	4f/4f BFO39	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	4f/4f BFB117	4f/4f BFB039
	57.2								4		1							
	55.9									8	2							
	40.3									5	2							

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						

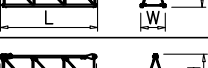
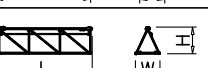
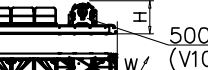
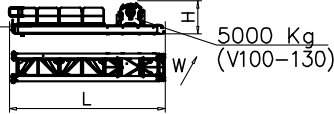
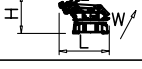
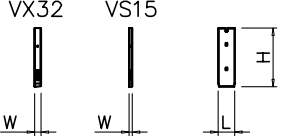


Pmax 12000/6000 kg

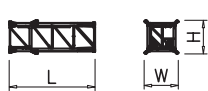
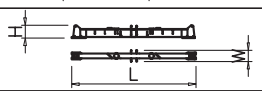
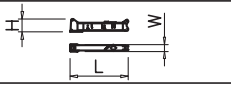
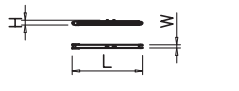
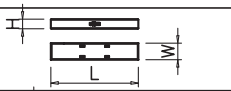
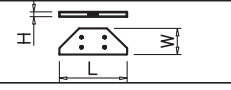
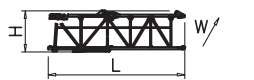
max 12000/6000 kg																
	23400 kg	72.7 m	2.7	19.5	20	25	30	35	40	45	50	55	60	65	70	72.7
			12000	12000	11600	9700	7800	6600	5600	4950	4300	3600	3000	2900	2600	2300
	21840 kg	67.1 m	2.7		20	25	30	35	40	45	50	55	60	65	67.1	
			12000		12000	9900	8000	6600	5800	5100	4500	3800	3300	3100	3000	
	20280 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						
																



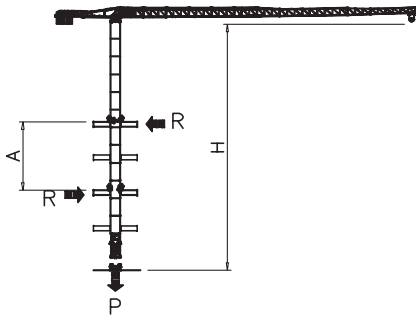
PESI E INGOMBRI – PACKING LIST – LISTE DE COLISAGE – GEWICHT UND ABMESSUNGEN

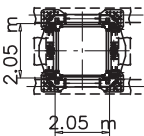
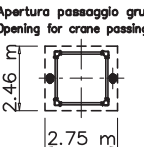
Denominazione Description	Disegno Draw	Pezzi Pieces	Dimensioni-Dimensions (mm)			Peso-Weight (kg)		
			L	W	H	Unit	Total	
Elemento di braccio Jib element Elèment de èche Elemento de flecha (72 m jib version)	n°14		1	6230	1540	2320	3737	—
	n°13		1	6000	1500	2320	2439	—
	n°12		1	5960	1500	2250	2408	—
	n°11		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	6	1000	400	3550	3120	18720

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

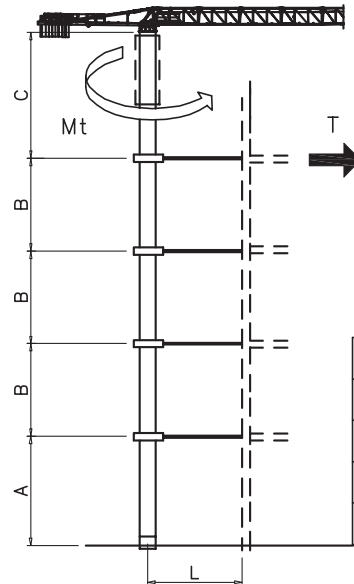
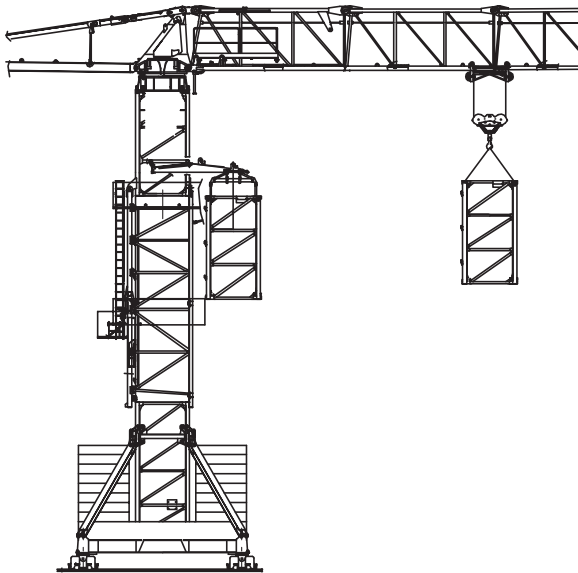
Denominazione Description	Disegno Draw	Pezzi Pieces	Dimensioni—Dimensions (mm)			Peso—Weight (kg)		
			L	W	H	Unit	Total	
Controbraccio counterjib Contrefleche Contraflecha			11500	2360	1600	6000		
Elemento di torre Mast element Elément de mât Elemento de torre	STD039 	SP2300	—	3900	2360	2360	2603	—
		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	—
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 motorisée Balancin de traslaciòn			4	1160	700	600	700	2800
Blocco zavorra di base Base ballast block Lest de base Brique 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



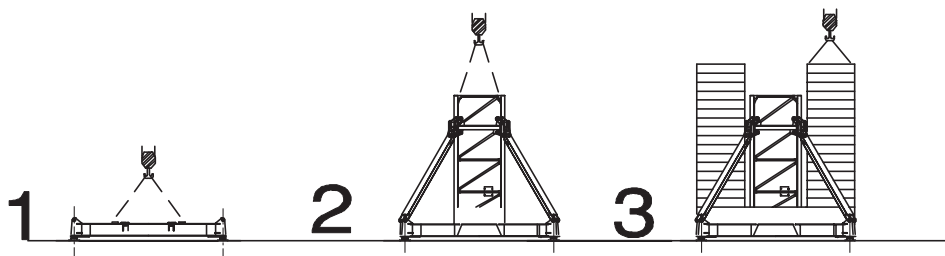
SN2050	H (m)	A (m)	R (t)	P (t)
	9	9	45.3	
	10	10	42	
	11	11	39.3	
	12	12	37	
	13	13	35	
	14	14	33.4	
	15	15	32	
	16	16	30.7	
	17	17	29.6	
	18	18	28.6	
	19	19	27.8	
	20	20	27	
	50.8			

* SOPRALZO IDRAULICO – TELESCOPABLE – EXTERNAL CLIMBING – KLETTERKRANE

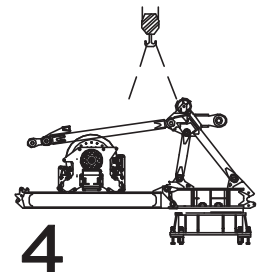


	SP2300	SN2050
C	31.2 m	31.2 m.
B	19.5 m	19.5 m
A	56 m	50 m
T	23.4 m	27.5 m
MT	26 t xm	26 t xm

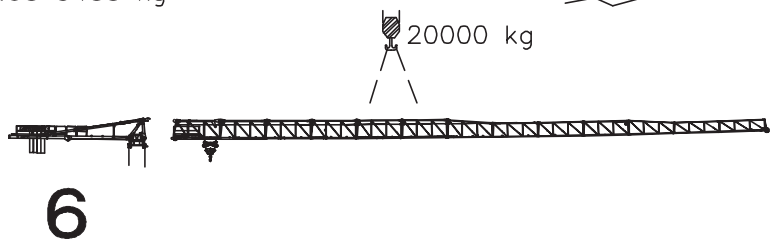
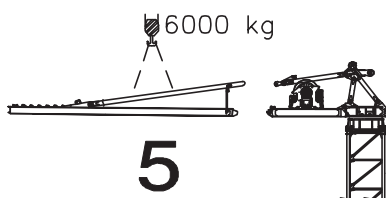
Montaggio – Montage – Erection – Montage – Montaje – Montagem

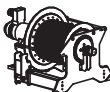
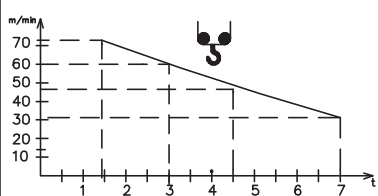
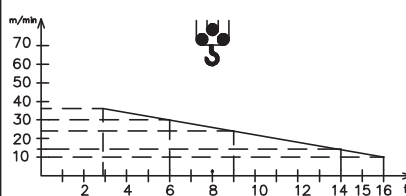


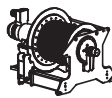
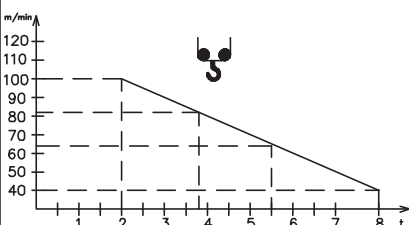
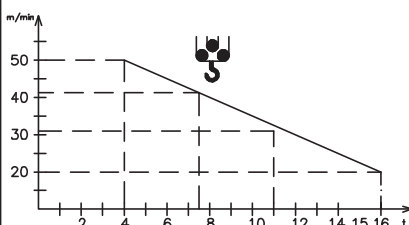
19000 kg con/with V100.100

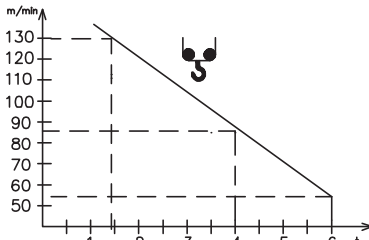
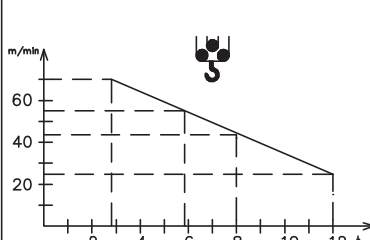


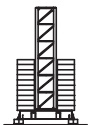
– Gruppo rotazione 9000/9500 kg
Slewing table
– Controbraccio e argano sollevamento V100.100 10000 kg
Counterjib and hoisting winch
– Controbraccio e argano sollevamento V60.60 9400 kg
Counterjib and hoisting winch



Sollevamento V60.60 Hoisting Levage Heben Elevaciòn Elevação														V60.60 44 kW 75 kVA 
	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 Hoisting Levage Heben Elevaciòn Elevação	V100.100														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 Hoisting Levage Heben Elevaciòn Elevação	V100.130														V100.130 75 kW 110 kVA 
		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 Distribuição			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 Rotação			0 → 0,9	giri/min tr/min rp/min	8.8 kW @ 1200rpm n° 4 x 2.2 kW	
Traslazione Travelling Translation Kranfahren Traslaciòn Translação			0 → 20	m/min	9 kW	

Rete elettrica – Réseau – Mains supply – Netzstrom – Red – Rede electrica	400V – 50 Hz
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Code: 15ICA3764A0		
Ed.	Data	Rev Data
1	09.04.10	0 09.04.10