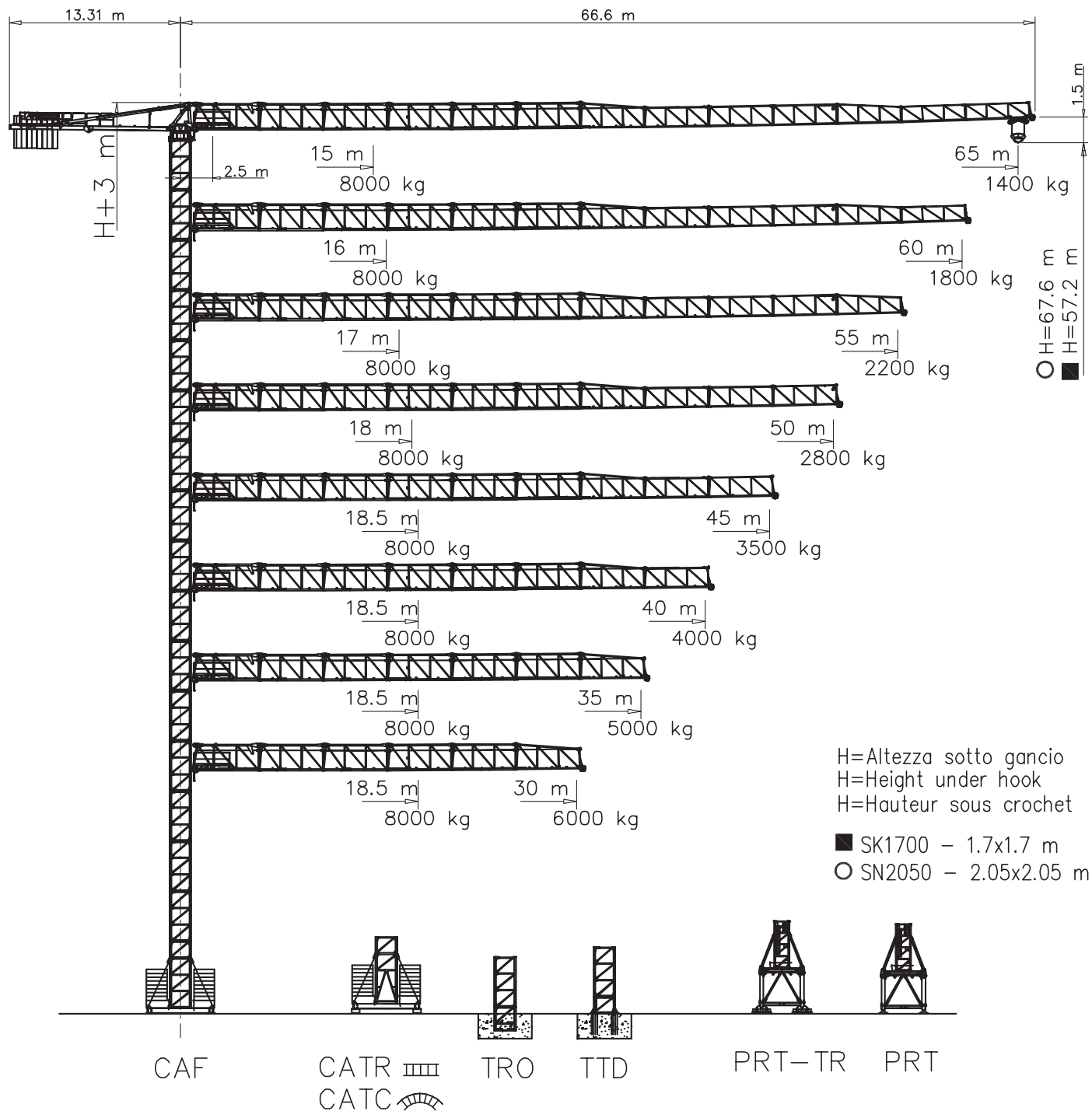




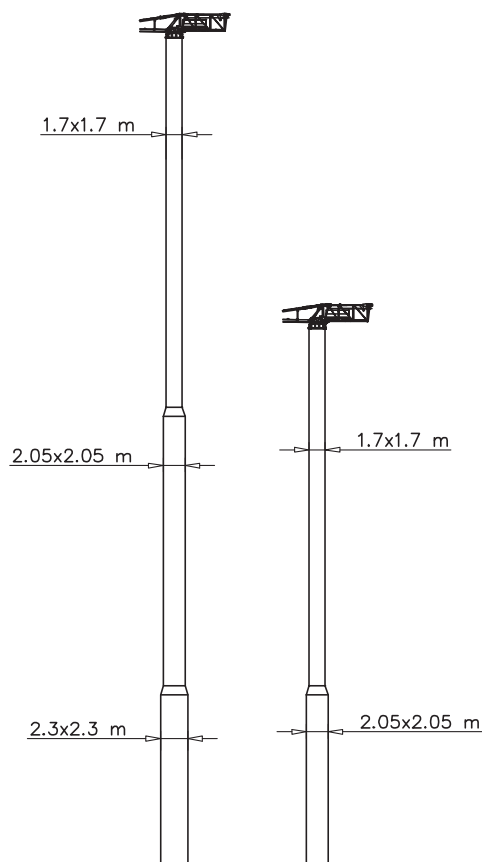
SK1700

20 m — 65 m

Torre/Masts/Mat/Maste/Măstil/Tramo													
TRO	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
	55.9	2			1			1	1	1			
	52	1			1			2	1				
TTD	52		3			1			6				
	46.8	1			1			2					
	35.1							3					
	55.9	2			1			1	1	1			
	55.9		4								7	1	1
	50.7	1									6	1	1

Torre/Masts/Mat/Maste/Măstil/Tramo													
CAF	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
	55.9	1				1		2	2				
	55.9	1	2		1			1	1				
	57.2		4			1			5				
	52	1			1			2					
	40.3				1			2					
	32.8			1				2					
	55.9		3								7	1	1
	55.9	1									6	1	1

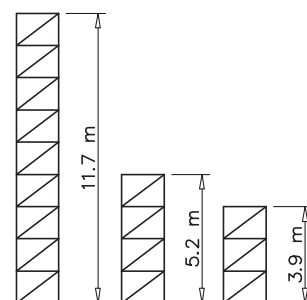
Torre/Masts/Mat/Maste/Măstil/Tramo													
CATR	H[m]	4f/4f BF117	4f/4f BF052	4f/4f BF039	4f/2f SB117	4f/2f SB052	4f/2f SB039	2f/2f ST117	2f/2f ST052	2f/2f ST039	2f/2f STB117	2f/2f STB039	2f/2f RA039
	50.7	1				1		2	1				
	52	1			1			2					
	52		3			1			5				
	33.8		1		1			1					
	40.3				1			2					
	44.2			1	1			2					
	52		3								7	1	
	52	1									5	1	1



H=0–37 m		H=38–58 m	
R1	95 t	R1	117 t
R2	102 t	R2	122 t
R3	75 t	R3	89 t
M	295 tm	M	347 tm

Peso zavorra—Ballast weight—
Ballastgewicht—Peso de lastre

H	Tot.
0–40 m	70600 kg
40–58 m	105600 kg



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

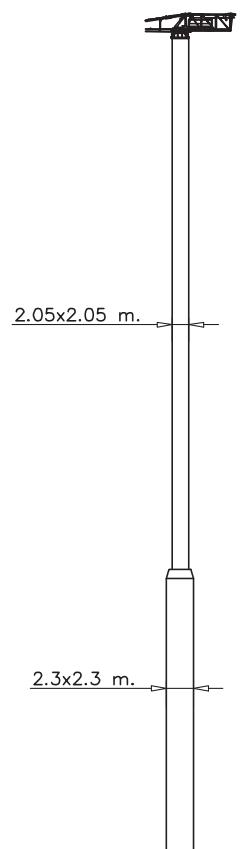
SN2050

20 m — 65 m

Torre/Masts/Mat/Maste/Măstil/Tramo													
TRO	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
	62.4	2			1			2		1			
	61.1	1	1		1			2	1	1			
TTD	61.1		4			1			6	1			
	46.8							4					
	52	1	1		1			2					
	62.4		3									10	1
	62.4	1										9	1
	62.4	1										11	1

Torre/Masts/Mat/Maste/Măstil/Tramo													
CAF	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
	63.7	1			1			3					
	67.6	2			1			2		1			
	67.6		4			1			7				
	50.7		1			1		3					
	52				1			3					
*	65		3			1						9	1
*	63.7	1										8	1
*	65.3	1				1						10	1

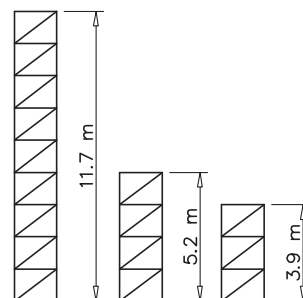
Torre/Masts/Mat/Maste/Măstil/Tramo													
CATR	H[m]	4f/4f BF117	4f/4f BF052	4f/4f BF039	4f/2f SB117	4f/2f SB052	4f/2f SB039	2f/2f ST117	2f/2f ST052	2f/2f ST039	2f/2f STB117	2f/2f STB039	2f/2f RA039
	59.8	1			1			2		2			
	59.8		3			1			5	2			
	45.5					1		3					
	49.4		1				1			9			
CATC	32.5				1			1		1			
*	59.8		3									8	1
*	59.8	1										9	1
*	59.8	1										7	1



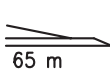
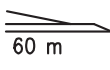
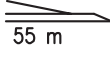
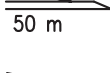
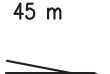
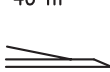
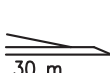
H=0–45 m		H=46–68 m	
R1	125 t	R1	140 t
R2	130 t	R2	144 t
R3	95 t	R3	103 t
M	486 tm	M	570 tm

Peso zavorra—Ballast weight—
Ballastgewicht—Peso de lastre

H	Tot.
0–41 m	71900 kg
42–55 m	102320 kg
56–68 m	112460 kg



Pmax 4000 kg

	26520 kg		2.5	28.5	30	35	40	45	50	55	60	65	m
		65 m	4000	4000	3750	3050	2650	2300	1950	1700	1500	1400	kg
	24960 kg		2.5	31.5	35	40	45	50	55	60			m
		60 m	4000	4000	3500	3000	2600	2300	2050	1800			kg
	24960 kg		2.5	33.8	35	40	45	50	55				m
		55 m	4000	4000	3800	3250	2850	2500	2200				kg
	23400 kg		2.5	37	40	45	50						m
		50 m	4000	4000	3650	3180	2800						kg
	21840 kg		2.5	40.1	45								m
		45 m	4000	4000	3500								kg
	20280 kg		2.5	40									m
		40 m	4000	4000									kg
	18720 kg		2.5	35									m
		35 m	4000	4000									kg
	15600 kg		2.5	30									m
		30 m	4000	4000									kg

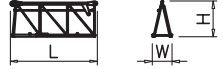
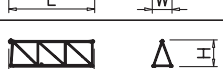
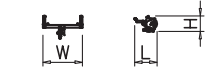
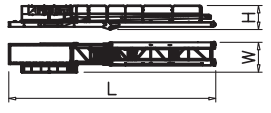
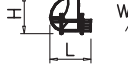


Pmax 8000/4000 kg

	26520 kg		2.5	15	20	25	28.5	30	35	40	45	50	55	60	65	m
		65 m	8000	8000	5850	4600	4000	3750	3050	2650	2300	1950	1700	1500	1400	kg
	24960 kg		2.5	16	20	25	30	31.5	35	40	45	50	55	60		m
		60 m	8000	8000	6700	5200	4250	4000	3500	3000	2600	2300	2050	1800		kg
	24960 kg		2.5	17	20	25	30	33.8	35	40	45	50	55			m
		55 m	8000	8000	7250	5670	4610	4000	3800	3250	2850	2500	2200			kg
	23400 kg		2.5	18	20	25	30	35	37	40	45	50				m
		50 m	8000	8000	7200	6300	5125	4300	4000	3650	3180	2800				kg
	21840 kg		2.5	18.5	20	25	30	35	40.1	45						m
		45 m	8000	8000	7400	6850	5600	4700	4000	3500						kg
	20280 kg		2.5	18.5	20	25	30	35	40							m
		40 m	8000	8000	7600	7000	5800	4900	4000							kg
	18720 kg		2.5	18.5	20	25	30	35								m
		35 m	8000	8000	7700	7200	6000	5000								kg
	15600 kg		2.5	18.5	20	25	30									m
		30 m	8000	8000	7850	7300	6000									kg



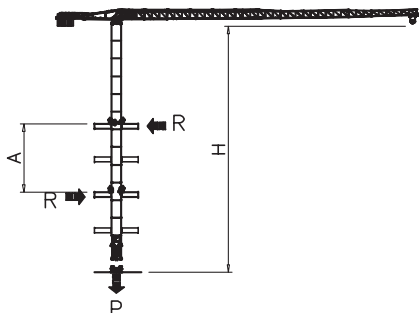
PESI E INGOMBRI – PACKING LIST – LISTE DE COLISAGE – GEWICHT UND ABMESSUNGEN

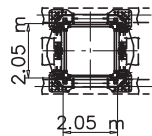
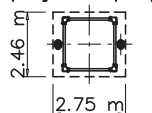
Denominazione Description	Disegno Draw	Pezzi Pieces	Dimensioni-Dimensions (mm)			Peso-Weight (kg)	
			L	W	H	Unit	Total
Elemento di braccio Jib element Elément de èche Elemento de flecha	n°14 	1	5500	1480	2290	2400	—
	n°13 	1	5300	1200	2170	1670	—
	n°12 	1	5280	1200	2170	1400	—
	n°11 	1	5270	1200	2150	1150	—
	n°10 	1	5260	1200	2150	900	—
	n°9 	1	5260	1200	2120	800	—
	n°8 	1	5240	1200	2100	700	—
	n°7 	1	5225	1200	2060	635	—
	n°6 	1	5200	1200	1630	500	—
	n°5 	1	5160	1200	1630	370	—
	n°4 	1	5140	1200	1610	350	—
	n°3 	1	5110	1200	1610	250	—
	n°2 	1	5090	1200	1260	210	—
	Punta braccio 	1	700	1200	500	55	—
Contorbraccio completo Complete counterjib Contreflèche complète Contraflecha completa		1	12560	1810	1480	5650	—
Gruppo girevole Slewing group Table tournante Grupo giratorio	SK1700 	1	2300	1810	2900	6000	—
	SN2050 	1	2450	1810	2900	6300	—
Carrello Trolley Chariot Carretilla	P8 	1	1600	1620	710	400	—
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 	VS15	1	1000	200	3550	1560
		VX32	8	1000	400	3550	3120
							24960

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

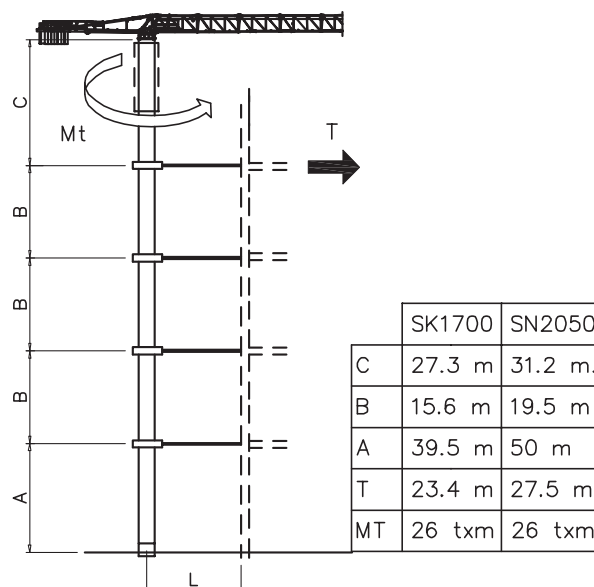
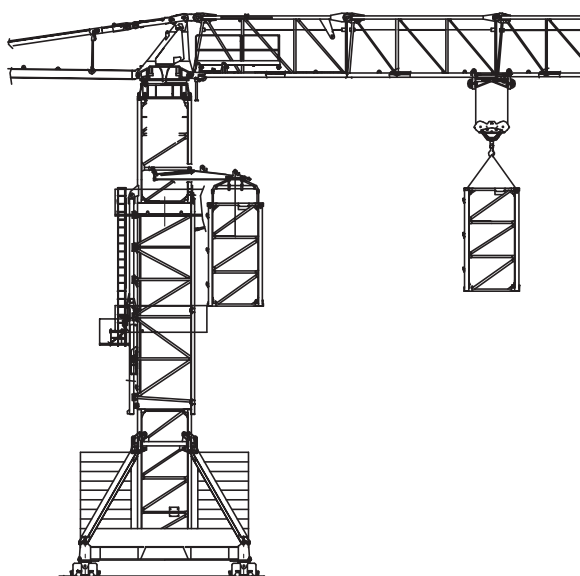
Denominazione Description	Disegno Draw	Pezzi Pieces	Dimensioni—Dimensions (mm)			Peso—Weight (kg)		
			L	W	H	Unit	Total	
Elemento di torre Mast element Elèment de mature Elemento de torre	STD039 	SK1700	—	3900	1785	1785	1750	—
		SN2050	—	3900	2110	2110	2320	—
	STD052 	SK1700	—	5200	1785	1785	2250	—
		SN2050	—	5200	2110	2110	2850	—
	STD117 	SK1700	—	11700	1785	1785	4690	—
		SN2050	—	11700	2110	2110	5790	—
	SB039 	SK1700	—	3900	1785	1785	2100	—
		SN2050	—	3900	2110	2110	2710	—
	SB052 	SK1700	—	5200	1785	1785	2600	—
		SN2050	—	5200	2110	2110	3350	—
	SB117 	SK1700	—	11700	1785	1785	4830	—
		SN2050	—	11700	2110	2110	7000	—
BF039 	SK1700	—	3900	1785	1785	2450	—	
	SN2050	—	3900	2110	2110	3370	—	
	BF052 	SK1700	—	5200	1785	1785	3390	—
		SN2050	—	5200	2110	2110	3880	—
BF117 	SK1700	—	11700	1785	1785	6920	—	
	SN2050	—	11700	2110	2110	8180	—	
Elemento di base Base element Mat de base Elemento de base	BA052 	SK1700	1	5200	2060	2060	3650	—
		SN2050	1	5200	2260	2260	4040	—
Carro di base Base carriage Chassis de base Cruceta de base		5x5	1	7550	670	780	2300	2300
		6x6	1	8870	670	780	2500	2500
		5x5	2	3530	420	780	1060	2120
		6x6	2	4320	420	780	1200	2400
Puntoni di base Rafter Jambes de force Cabrios de base		5x5	4	4250	240	300	280	1120
		6x6	4	4560	420	300	420	1680
Elemento a perdere Disposable frame Chassis a perdre Bastidor desechable		SK1700	1	1840	1910	1910	1430	—
		SN2050	1	2600	2260	2260	2030	—
Elemento recuperabile Recoverable frame Chassis récupérable Bastidor recuperable		SK1700	1	1300	2170	2170	1720	—
		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 Bloque de lastre		5x5	2	5300	1000	600	7300	14600
		6x6	2	6400	1200	600	10600	21200
		5x5	—	4100	1600	300	3500	—
		6x6	—	4800	2000	300	5070	—
Corsoio di montaggio Climbing cage Cage de montage Jaula de montaje		SK1700	1	8300	2600	2500	6000	—
		SN2050	1	8300	2900	2700	6700	—

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

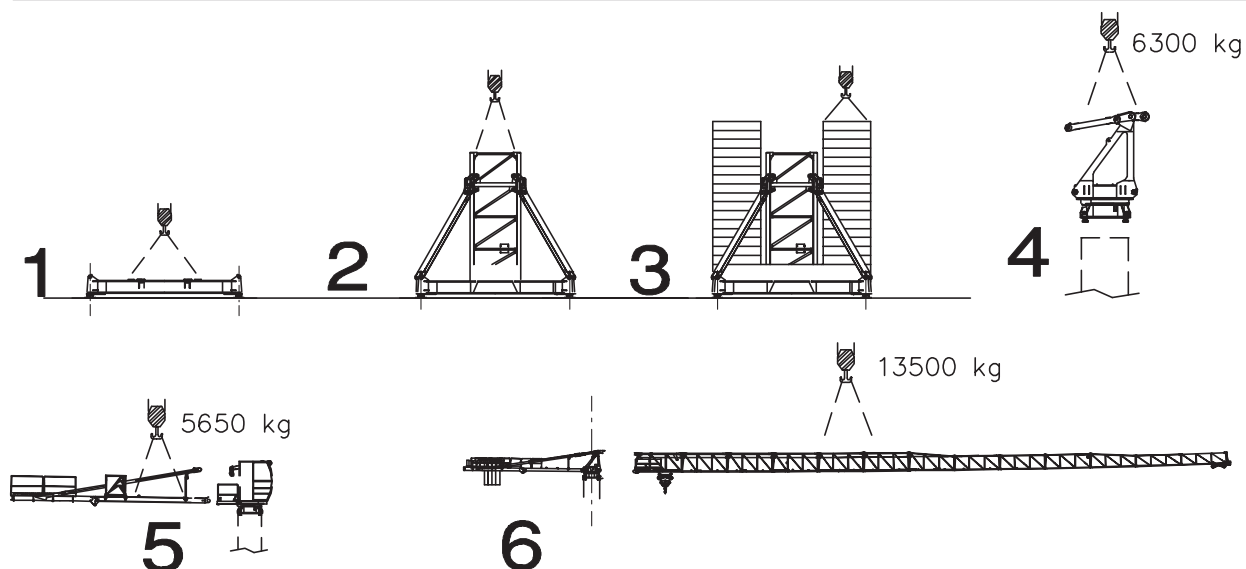


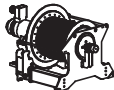
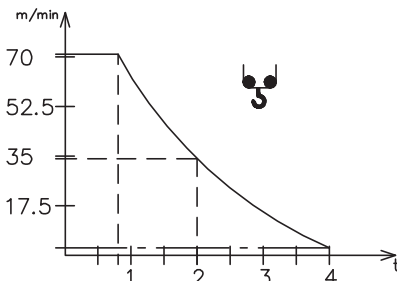
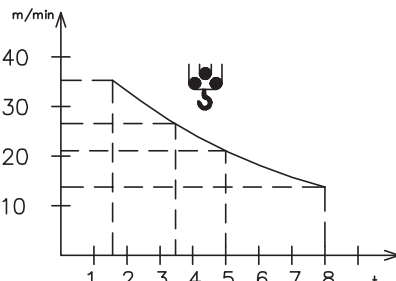
SN2050	H (m)	A (m)	R (t)	P (t)
	9	45.3		
	10	42		
	11	39.3		
	12	37		
	13	35		
	14	33.4		
	15	32		
	16	30.7		
	17	29.6		
	18	28.6		
Apertura passaggio gru Opening for crane passing 	19	27.8		
	20	27		
		50.8		

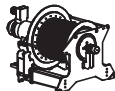
* SOPRALZO IDRAULICO – TELESOPABLE – EXTERNAL CLIMBING – KLETTERKRANE

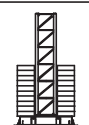


Montaggio – Montage – Erection – Montage – Montaje – Montagem



Sollevamento Hoisting Levage Heben Elevaciòn Elevação	V33.60														 260 m	
		m/min	2.5	15	27	43	56	71	1.2	7.5	13.5	21.5	28	35.5		V33.60
		t	4	4	4	2.5	1.7	0.8	8	8	8	5	3.4	1.6		24 kW
																40 kVA

Sollevamento V45.90 Hoisting Levage Heben Elevaciòn Elevação														V45.90 33 kW 58 kVA  340 m 700 m (L)																					
	m/min	4	18	36	56	74	90	2	9	18	28	37	45																						
	t	4	4	4	3	2	1	8	8	8	6	4	2																						
	<table border="1"><caption>Performance Graph Data (3-point)</caption><thead><tr><th>t</th><th>m/min</th></tr></thead><tbody><tr><td>0</td><td>90</td></tr><tr><td>1</td><td>67</td></tr><tr><td>2</td><td>45</td></tr><tr><td>4</td><td>45</td></tr></tbody></table>						t	m/min	0	90	1	67	2		45	4	45	<table border="1"><caption>Performance Graph Data (3-point)</caption><thead><tr><th>t</th><th>m/min</th></tr></thead><tbody><tr><td>0</td><td>45</td></tr><tr><td>1</td><td>37</td></tr><tr><td>2</td><td>30</td></tr><tr><td>4</td><td>28</td></tr><tr><td>8</td><td>20</td></tr></tbody></table>						t	m/min	0	45	1	37	2	30	4	28	8	20
	t	m/min																																	
0	90																																		
1	67																																		
2	45																																		
4	45																																		
t	m/min																																		
0	45																																		
1	37																																		
2	30																																		
4	28																																		
8	20																																		

Carrello Trolleying Distribution Katzfahren Distribuciòn Distribuição			0 → 80	m/min	4 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	4.4 kW @ 1200rpm n° 2 x 2.2 kW	
Traslazione Travelling Translation Kranfahren Traslaciòn Translação			0 → 20	m/min	7.5 kW	

Rete elettrica – Réseau – Mains supply – Netzstrom – Red – Rede electrica	400V – 50 Hz
---	--------------

