FM Gru

1150 TLX P4-P6

EN 14439-C25-D25

ULTRALIFT

FM-Link

Power Control

ASsys

ACsys

1150 TLX

Funzionamento

Operation - Betrieb - Exploitation - Accionamiento

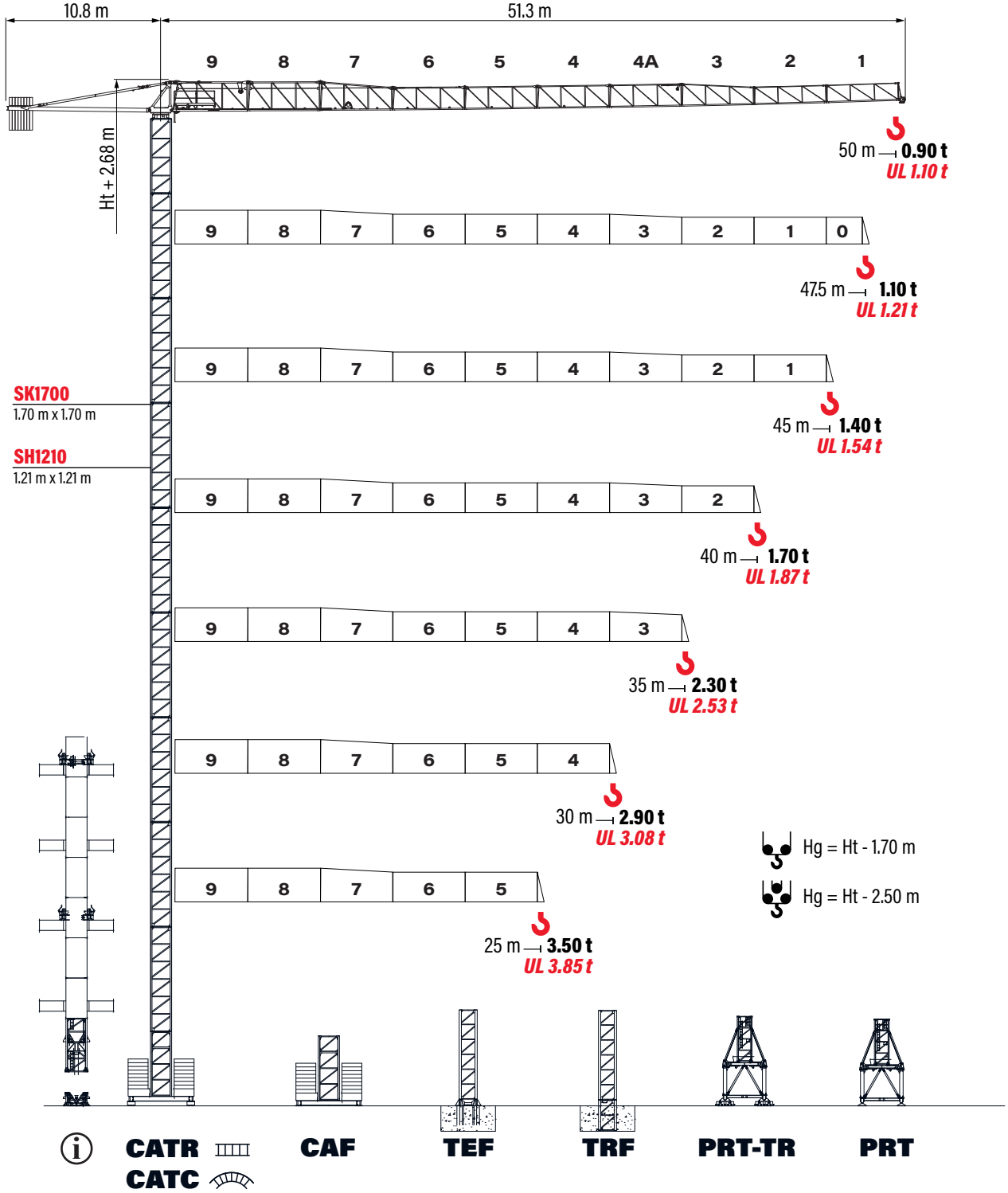


Diagramma di portate

Load diagram - Lastkurven - Courbes de charges - Curvas de cargas

		m	3	10	15	20	25	30	35	40	45	47.5	50	
50.0 m	2.5 t - 25.5 m	t	2.50					2.00	1.61	1.31	1.08	0.99	0.90	
		t	**2.50**					**2.44**	**1.96**	**1.60**	**1.32**	**1.20**	**1.10**	UL
47.5 m	2.5 t - 27.5 m	t	2.50					2.21	1.83	1.55	1.33	1.10		
		t	**2.50**					**2.43**	**2.01**	**1.71**	**1.46**	**1.21**	UL	
45.0 m	2.5 t - 28.0 m	t	2.50					2.46	2.00	1.66	1.40			
		t	**2.50**						**2.20**	**1.83**	**1.54**	UL		
40.0 m	2.5 t - 30.0 m	t	2.50						2.04	1.70				
		t	**2.50**						**2.24**	**1.87**	UL			
35.0 m	2.5 t - 31.7 m	t	2.50						2.30					
		t	**2.50**							UL				
30.0 m	2.5 t - 30.0 m	t	2.50											
		t	**2.50**						UL					
25.0 m	2.5 t - 25.0 m	t	2.50											
		t	**2.50**					UL						

		m	3	10	15	20	25	30	35	40	45	47.5	50	
50.0 m	4 t - 17.4 m	t	4.00			3.30	2.50	2.00	1.60	1.35	1.10	0.90	0.70	
		t	**4.00**			**3.65**	**2.80**	**2.20**	**1.80**	**1.50**	**1.25**	**1.00**	**0.80**	UL
47.5 m	4 t - 17.4 m	t	4.00			3.41	2.63	2.11	1.73	1.45	1.23	1.00		
		t	**4.00**			**3.75**	**2.89**	**2.32**	**1.90**	**1.60**	**1.35**	**1.10**	UL	
45.0 m	4 t - 19.4 m	t	4.00				2.97	2.36	1.90	1.56	1.30			
		t	**4.00**				**3.27**	**2.60**	**2.09**	**1.72**	**1.43**	UL		
40.0 m	4 t - 19.8 m	t	4.00				3.10	2.40	1.94	1.60				
		t	**4.00**				**3.41**	**2.64**	**2.13**	**1.76**	UL			
35.0 m	4 t - 21.8 m	t	4.00				3.56	2.87	2.20					
		t	**4.00**				**3.92**	**3.16**	**2.42**	UL				
30.0 m	4 t - 22.5 m	t	4.00				3.73	2.80						
		t	**4.00**					**3.08**	UL					
25.0 m	4 t - 22.4 m	t	4.00				3.90							
		t	**4.00**					UL						

1150 TLX

		m	3	10	15	20	25	30	35	40	45	47.5	50	
50.0 m	3 t - 16.0 m	t	3.00			2.80	2.50	2.00	1.61	1.31	1.08	0.99	0.90	
		t	3.00				2.75	**2.44**	**1.96**	**1.60**	**1.32**	**1.20**	**1.10**	UL
47.5 m	3 t - 22.9 m	t	3.00				2.69	2.12	1.72	1.43	1.20	1.10		
		t	**3.00**				**2.96**	**2.34**	**1.90**	**1.57**	**1.32**	**1.21**	UL	
45.0 m	3 t - 25.4 m	t	3.00					2.43	1.99	1.66	1.40			
		t	**3.00**					**2.67**	**2.19**	**1.82**	**1.54**	UL		
40.0 m	3 t - 25.9 m	t	3.00					2.49	2.04	1.70				
		t	**3.00**					**2.74**	**2.24**	**1.87**	UL			
35.0 m	3 t - 28.4 m	t	3.00					2.80	2.30					
		t	**3.00**					**3.08**	**2.53**	UL				
30.0 m	3 t - 29.2 m	t	3.00					2.90						
		t	**3.00**						UL					
25.0 m	3 t - 25.0 m	t	3.00											
		t	**3.00**					UL						

		m	3	10	15	20	25	30	35	40	45	47.5	50	
50.0 m	6 t - 12.4 m	t	6.00		5.45	3.80	2.60	2.00	1.60	1.35	1.10	0.90	0.70	
		t	**6.00**			**4.19**	**2.90**	**2.20**	**1.80**	**1.50**	**1.25**	**1.00**	**0.80**	UL
47.5 m	6 t - 12.4 m	t	6.00		5.45	3.90	2.73	2.11	1.73	1.45	1.23	1.00		
		t	**6.00**			**4.29**	**3.00**	**2.32**	**1.90**	**1.60**	**1.35**	**1.10**	UL	
45.0 m	6 t - 13.8 m	t	6.00		5.45	3.90	3.00	2.36	1.90	1.56	1.30			
		t	**6.00**			**4.29**	**3.30**	**2.60**	**2.09**	**1.72**	**1.43**	UL		
40.0 m	6 t - 14.1 m	t	6.00		5.45	3.90	3.00	2.40	1.94	1.60				
		t	**6.00**			**4.29**	**3.30**	**2.64**	**2.13**	**1.76**	UL			
35.0 m	6 t - 15.5 m	t	6.00			4.10	3.40	2.50	2.20					
		t	**6.00**			**4.10**	**3.40**	**2.50**	**2.20**	UL				
30.0 m	6 t - 16.0 m	t	6.00			4.10	3.40	2.80						
		t	**6.00**			**4.51**	**3.74**	**3.08**	UL					
25.0 m	6 t - 15.9 m	t	6.00			4.10	3.50							
		t	**6.00**			**4.51**	**3.85**	UL						

Zavorra di controbraccio

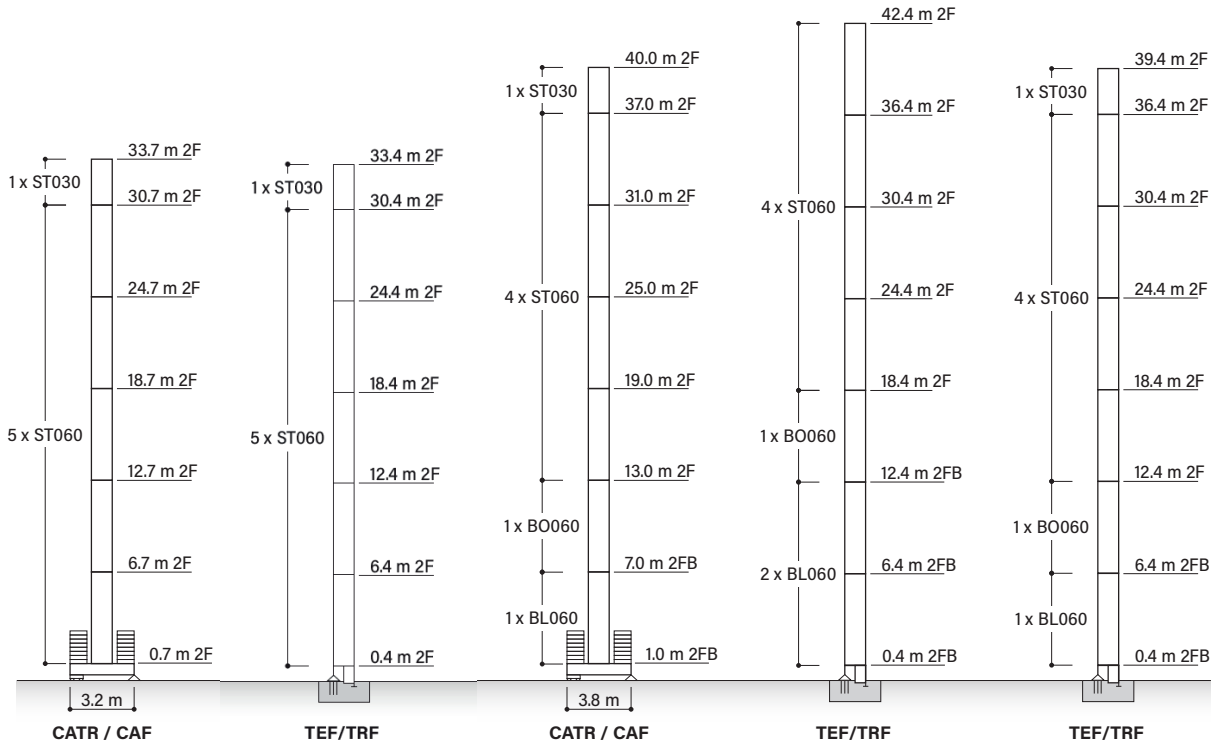
Counter jib ballast - Gegenauslegerballast - Lest de contre flèche - Lastre de contra flecha

	A (1.2 t)	B (2.4 t)	(t)
50.0 m	2	4	12
47.5 m	2	4	12
45.0 m	2	4	12
40.0 m	1	4	10.8
35.0 m	1	4	10.8
30.0 m	2	3	9.6
25.0 m	1	3	8.4

Torre

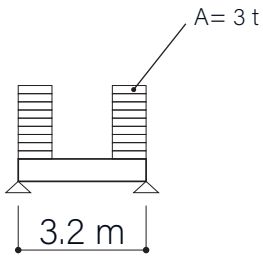
Tower - Turm - Tour - Torre

SH1210 - C25

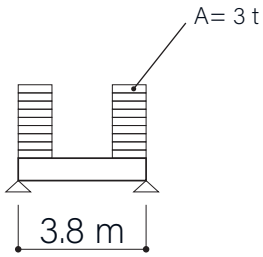


Zavorra di base

Base ballast - Grundballast - Lest de base - Lastre de base



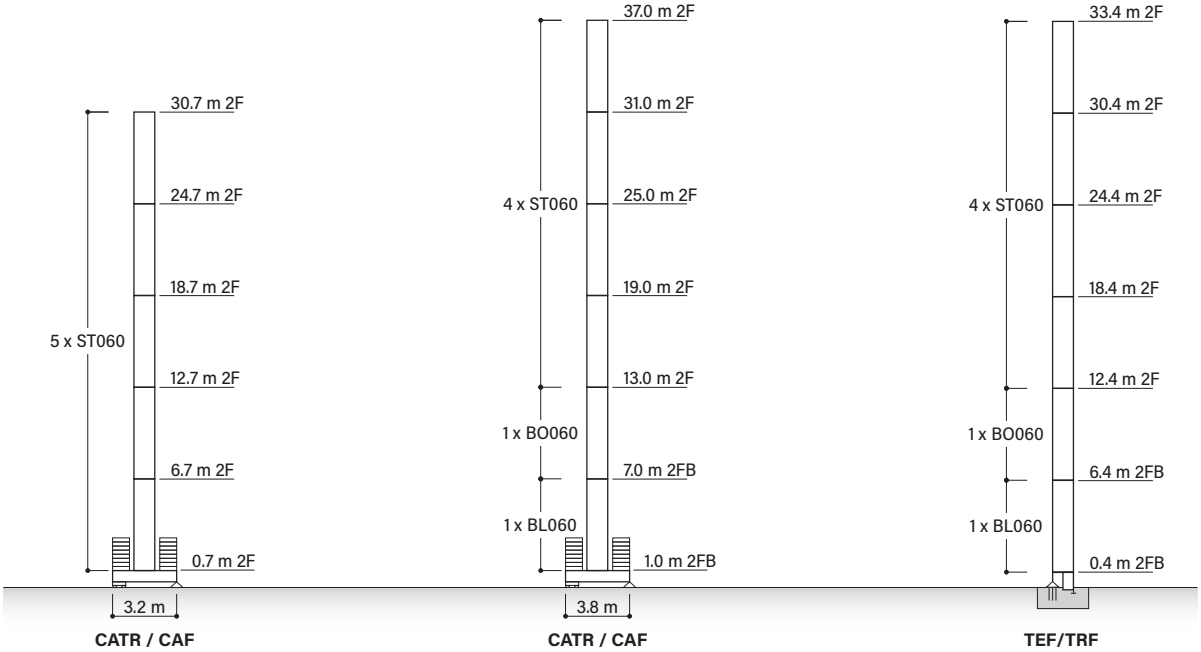
3.2 x 3.2 m		Z	A (3 t)
Ht (m)	33.7	60	20
	30.7	54	18
	24.7	48	16
	18.7	36	12



3.8 x 3.8 m		Z	A (3 t)
Ht (m)	40.0	72	24
	37.0	60	20
	31.0	54	18
	25.0	48	16
	19.0	36	12

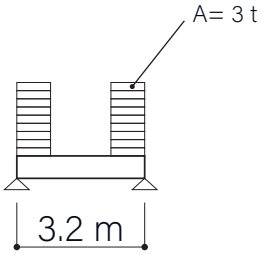
Altezze diverse e combinazioni di torre sono disponibili; consultateci - Different heights and tower combinations are available; please consult us - Andere Höhen und Turmkombinationen auf Anfrage - Différentes hauteurs et combinaisons de tour sont disponibles; nous consulter - Hay diferentes alturas y combinaciones de torre disponibles; consúltenos

SH1210 - D25

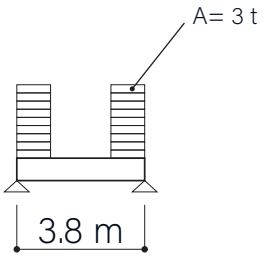


Zavorra di base

Base ballast - Grundballast - Lest de base - Lastre de base



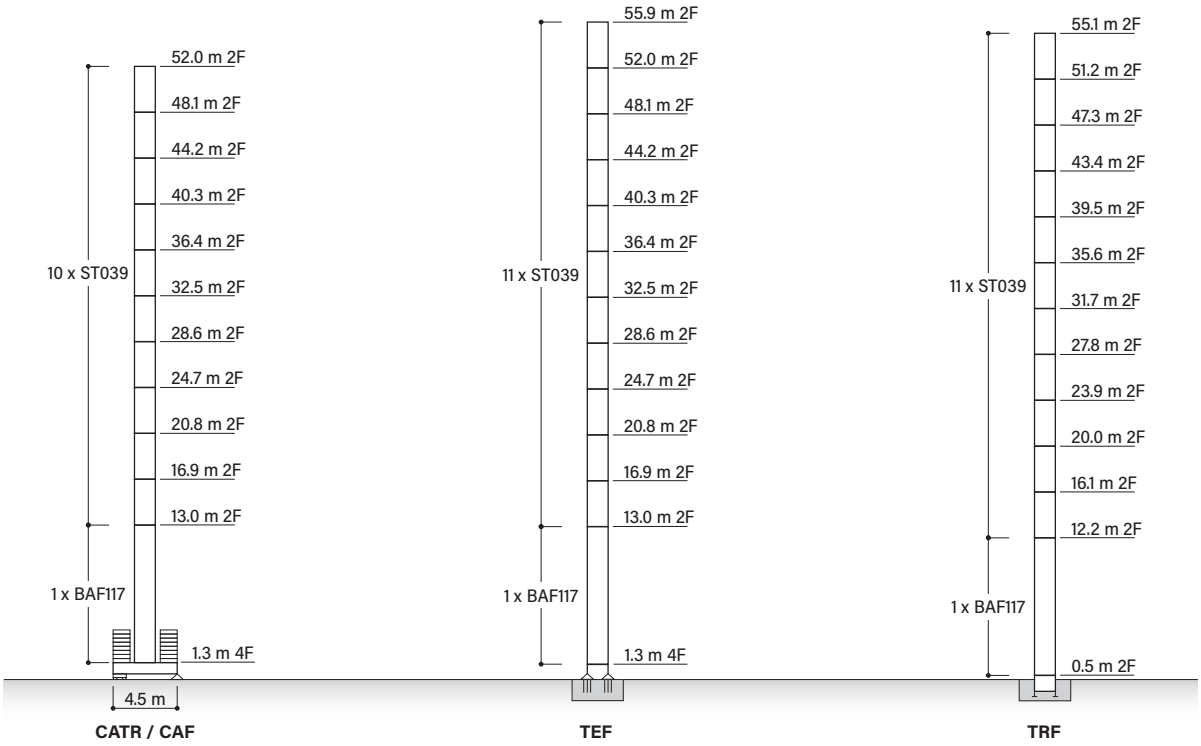
3.2 x 3.2 m		Z	A (3 t)
Ht (m)	30.7	66	22
	24.7	54	18
	18.7	54	18



3.8 x 3.8 m		Z	A (3 t)
Ht (m)	37.0	90	30
	34.0	72	24
	31.0	60	20
	25.0	48	16
	19.0	36	12

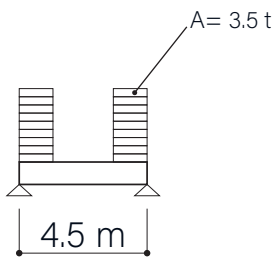
Altezze diverse e combinazioni di torre sono disponibili; consultateci - Different heights and tower combinations are available; please consult us - Andere Höhen und Turmkombinationen auf Anfrage - Différentes hauteurs et combinaisons de tour sont disponibles; nous consulter - Hay diferentes alturas y combinaciones de torre disponibles; consúltenos

SK1700 - C25



Zavorra di base

Base ballast - Grundballast - Lest de base - Lastre de base

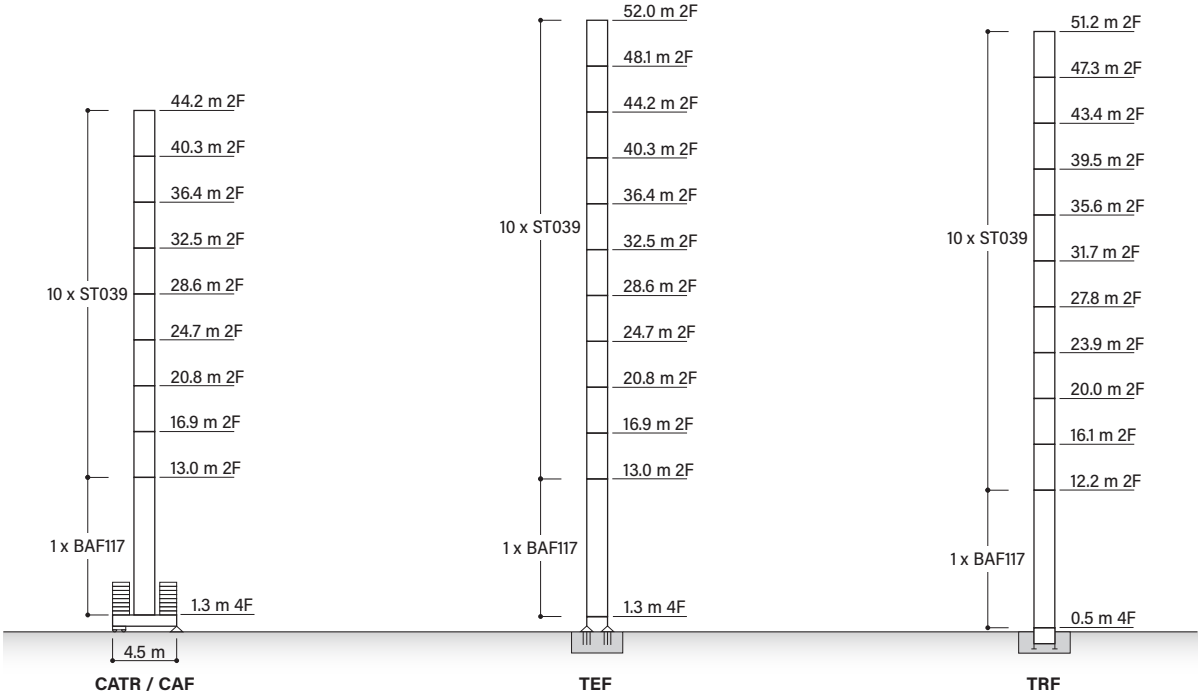


4.5 x 4.5 m		Z	A (3.5 t)
Ht (m)	52.0	119 t	34
	48.1	112 t	32
	44.2	98 t	28
	40.3	77 t	22
	36.4	63 t	18
	32.5	56 t	16
	28.6	49 t	14
	24.7	42 t	12

Altezze diverse e combinazioni di torre sono disponibili; consultateci - Different heights and tower combinations are available; please consult us - Andere Höhen und Turmkombinationen auf Anfrage - Différentes hauteurs et combinaisons de tour sont disponibles; nous consulter - Hay diferentes alturas y combinaciones de torre disponibles; consúltenos

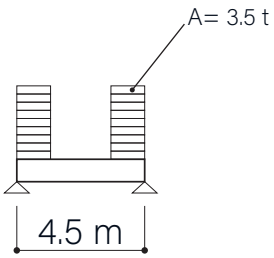
1150 TLX

SK1700 - D25



Zavorra di base

Base ballast - Grundballast - Lest de base - Lastre de base



4.5 x 4.5 m		Z	A (3.5 t)
Ht (m)	44.2	126 t	36
	40.3	119 t	34
	36.4	91 t	26
	32.5	56 t	16
	24.7	49 t	14
	20.8	49 t	14

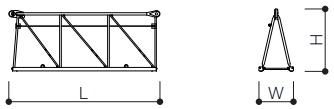
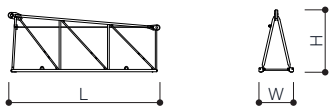
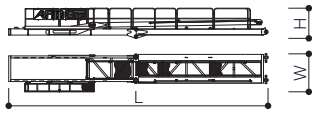
Altezze diverse e combinazioni di torre sono disponibili; consultateci - Different heights and tower combinations are available; please consult us - Andere Höhen und Turmkombinationen auf Anfrage - Différentes hauteurs et combinaisons de tour sont disponibles; nous consulter - Hay diferentes alturas y combinaciones de torre disponibles; consúltenos

Pesi e ingombri

Packing list - Kolli-liste - Liste de colisage - Lista de contenido

Parte girevole

Slewing part - Drehbares Teil - Pièce de rotation - Pieza giratoria

DESCRIZIONE - Description - Beschreibung - Description - Descripción			L (mm)	W (mm)	H (mm)	P (kg)
ELEMENTO DI BRACCIO Jib element Ausleger-Element Élément de flèche Elemento de pluma		9	5500	1480	2290	1163
		8	5260	1200	2150	722
		6	5200	1200	1630	500
		5	5160	1200	1630	370
		4	5140	1200	1610	350
		4A	5140	1200	1610	350
		2	5090	1200	1260	210
		1	5090	1200	1260	200
		7	5225	1200	2060	635
		3	5110	1200	1610	250
		0	250	1200	1260	100
PUNTA BRACCIO Jib tip element Auslegerkopf-Element Élément de tête de flèche Elemento de cabeza de pluma			700	1200	500	55
CONTROBRACCIO Counter jib Gegenausleger Contre-flèche Contrapluma			10660	1750	1480	1850
GRUPPO GIREVOLE Slewing group Schwenkbare Gruppe Groupe de rotaciòn Grupo giratorio		SH1210	2450	1810	2900	3000
		SK1700	2300	1810	2900	5900
CARRELLO Trolley Wagen Chariot Carrito		P6	1600	1620	710	320
BALLATOIO CON CABINA Access platform with cabin Arbeitsbühne mit Kabine Plate-forme d'accès avec la cabine Plataforma de acceso con cabina			2500	2150	2450	1000
BLOCCHI CONTRAPPESO Counterweight block Gegengewichtsblock Bloc de contrepoids Bloque de contrapeso		VS12	200	1000	2500	1200
		VX24	400	1000	2500	2400

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Torre

Tower - Turm - Tour - Torre

DESCRIZIONE - Description - Beschreibung - Description - Descripción		L (mm)	W (mm)	H (mm)	P (kg)
ELEMENTO DI TORRE SH1210 Tower element SH1210 Turm-Element SH1210 Élément de la tour SH1210 Elemento de torre SH1210	ST030	3000	1210	1210	840
	ST060	6000	1210	1210	1490
	ST120	12000	1210	1210	3000
	BO060	6000	1210	1210	2120
	BO120	12000	1210	1210	3500
	BL060	6000	1210	1210	2120
ELEMENTO DI TORRE SK1700 Tower element SK1700 Turm-Element SK1700 Élément de la tour SK1700 Elemento de torre SK1700	BAF117	11700	1785	1785	7100
	ST117	11700	1785	1785	4690
	BPF039	3900	1785	1785	2350
	ST039	3900	1785	1785	1750
CORSOIO DI MONTAGGIO Climbing cage Käfig zum Klettern Coulisse de montage Corredera de montase	SG1200	8300	1600	1500	3000
	SK1700	8300	2600	2500	6000

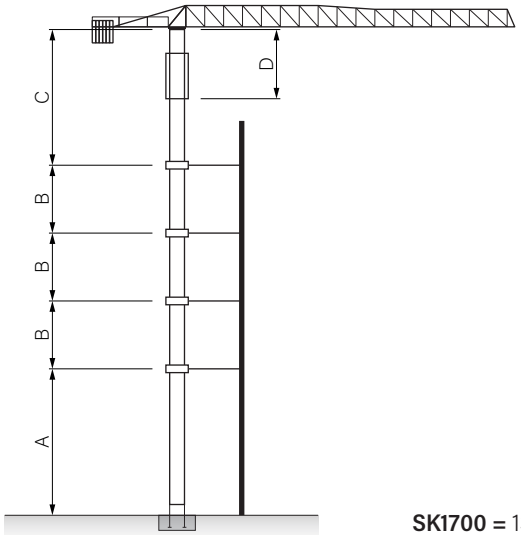
Basamento

Basement - Basis - Base - Base

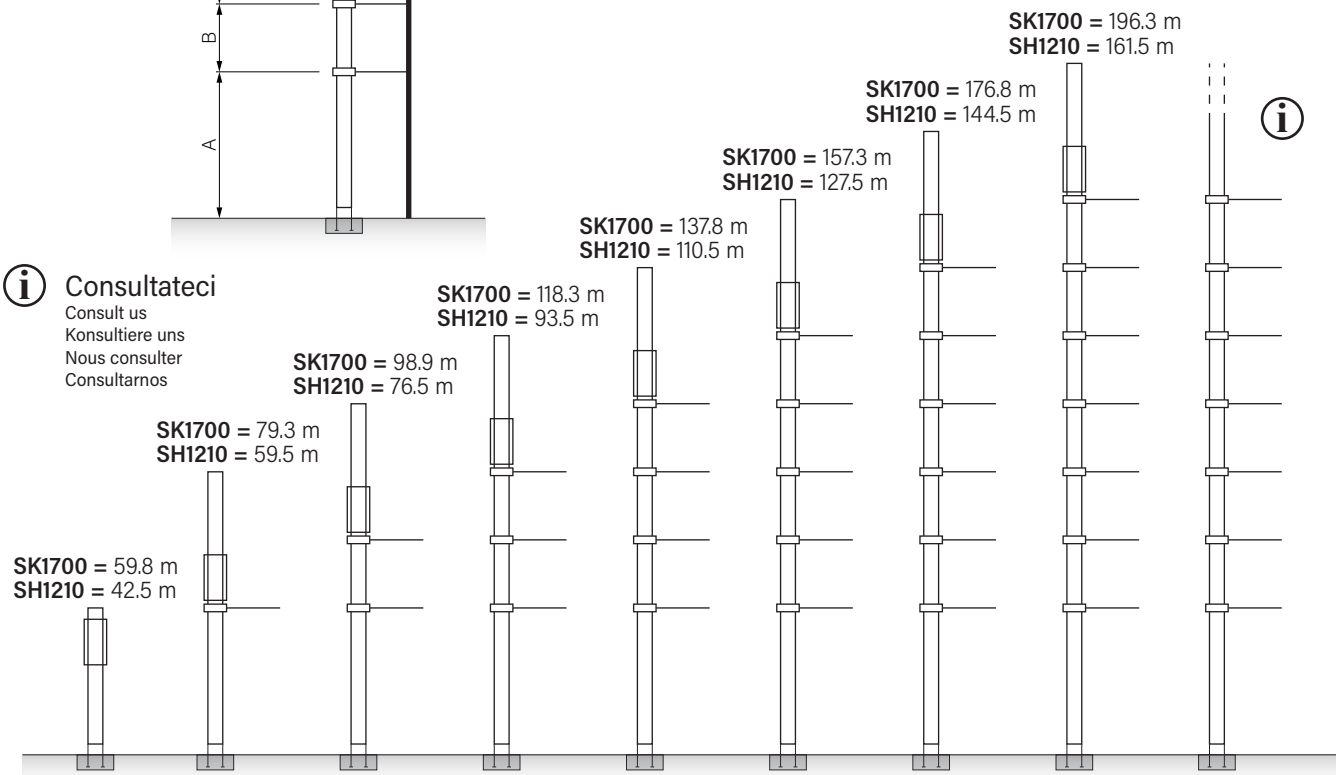
DESCRIZIONE - Description - Beschreibung - Description - Descripción		L (mm)	W (mm)	H (mm)	P (kg)
CARRO DI BASE Cross-base Grundwagen Châssis Carro base	3.2X3.2	4670	520	660	1160
	3.8X3.8	5700	520	660	2280
	4.5X4.5	6670	500	1260	3180
	3.2X3.2	2180	340	660	550 x 2
	3.8X3.8	2700	340	660	1090 x 2
	4.5X4.5	3100	500	1260	1400 x 2
ELEMENTO A PERDERE Disposable element Einweganker Element Élément jetable Elemento desechable	SH1210	1300	1210	1210	430
	SG1200	1990	1440	1440	840
	SK1700	1840	1910	1910	1430
ELEMENTO RECUPERABILE Recoverable element Wiedervernendenbare ankerturm Élément récupérable Elemento recuperable	SH1210	400	1700	1700	610
	SG1200	600	1740	1740	940
	SK1700	1300	2170	2170	1720
BOGIE DI TRASLAZIONE Driven bogie Angetriebenes Drehgestell Bogie entraîné Bogie accionado		1160	700	600	700 x 4
BLOCCO ZAVORRA DI BASE Base ballast block Grundballastblock Bloc de lestage de base Bloque de lastre base	3.2X3.2	3600	1150	300	3000
	3.8X3.8	4000	1200	270	3000
	4.5X4.5	4400	1200	290	3500

Ancoraggi

Anchorages - Verankerungen - Ancrages - Anclajes



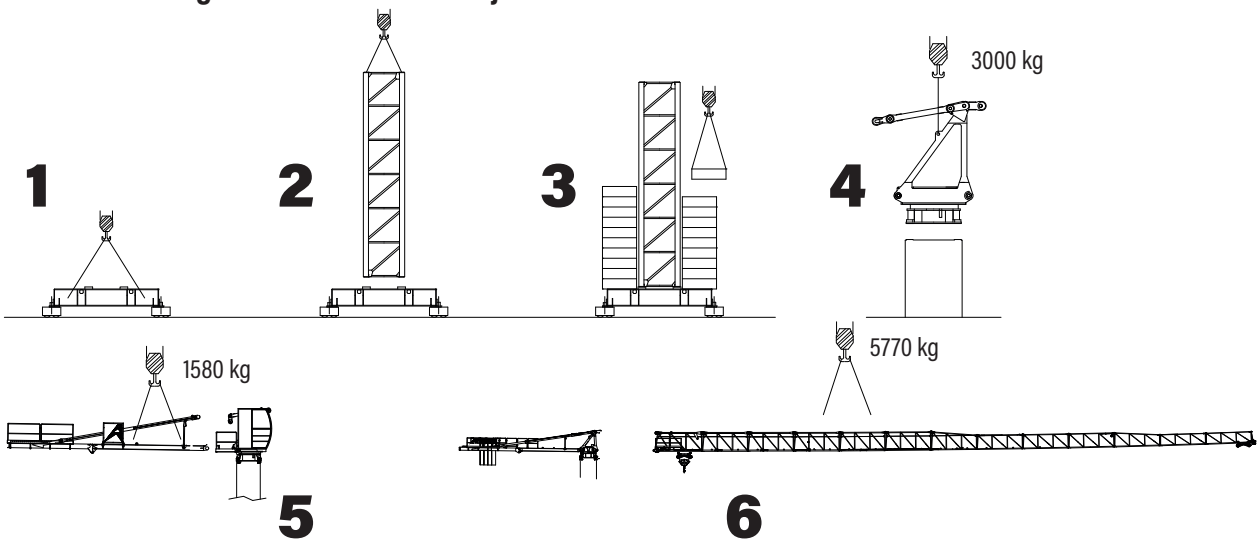
	SH1210	SK1700
A	32.5 m	46.8 m
B	17 m	19.5 m
C	27 m	32.5 m
D	10 m	13 m



Consultateci
Consult us
Konsultiere uns
Nous consulter
Consultarnos

Montaggio

Erection - Montage - Assemblée - Montaje



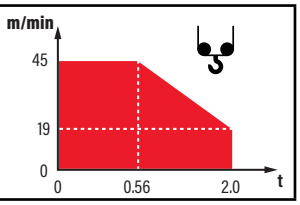
1150 TLX

Meccanismi

Mechanisms - Antriebe - mécanismes - Mecanismos

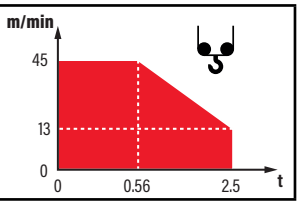
V15.40
11 kW

H max						
225 m TL	113 m	m/min	5	13	19	30	45
		t	2	2	2	1.4	0.56
	56 m	m/min	2.5	6.5	9.5	15	22.5
		t	4	4	4	2.8	1.12
172 m	86 m						
	43 m						



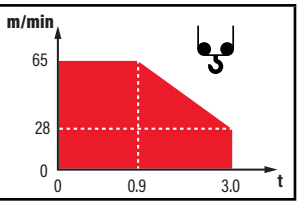
V15.40
11 kW

H max						
225 m TL	113 m	m/min	5	13	19	30	45
		t	2.5	2.5	1.9	1.4	0.56
172 m	86 m						



V25.60
18.4 kW

H max								
344 m TL	172 m	m/min	7	18	28	42	56	65
		t	3.0	3.0	3.0	2.3	1.5	0.9
	86 m	m/min	3.5	9	14	21	28	32.5
172 m	86 m							
	43 m	t	6.0	6.0	6.0	4.5	3.0	1.8



0 <-> 70 m/min
1.5 kW

0 <-> 0.7 rpm
4 Nm

0 <-> 18 m/min
3.7 kW

400 V - 50 Hz

V15.40: 23 kVA

V25.60: 34 kVA

Parte girevole - Slewing part - Drehbares teil - Pièce de rotation - Pieza giratoria	50.0 m
	x3

Eco power: tecnologia risparmio consumi

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