



CTT 561A-20 HD23

FLAT TOP TOWER CRANE



Specifications:

- ▶ Max jib length: 275.6 ft
- ▶ Capacity at max length: 4,850 lbs
- ▶ Max capacity: 44,092 lbs

WORKS FOR YOU.™



KEY

Zeichenerklärung · Légende · Leyenda · Legenda

	Hoisting · Heben · Levage · Elevación · Sollevamento
	Trolleying · Katzfahren · Distribution · Distribución · Traslazione carrello
	Slewing · Schwenken · Orientation · Orientació · Rotazione
	Travelling · Schienenfahren · Translation · Traslación · Traslazione
	Directive on noise level · Richtlinie für den Schall-Leistungspegel · Directive sur le niveau acoustique · Directiva sobre el nivel acustico · Direttiva sul livello acustico
	Consult us · Auf Anfrage · Nous consulter · Consultarnos · Consultateci
	Power requirements · Geforderte Stromstärke · Puissance totale nécessaire · Potencia necesaria · Potenza totale richiesta
	Power supply · Stromversorgung · Alimentation · Alimentación · Alimentazione
	In service · In Betrieb · En service · En servicio · In servizio
	Out of service · Außer Betrieb · Hors service · Fuera de servicio · Fuori servizio
	Max. under hook height · Höchste Hakenhöhe · Hauteur maxi. sous crochet · Maxima altura bajo gancho · Altezza max. sotto gancio
	Without load, without ballast, max. jib and max. height · Ohne Last und Ballast, mit Maximalausleger und Maximalhöhe · A vide, sans lest, avec flèche et hauteur maximum · Sin carga, sin lastre, con pluma y altura máxima · A vuoto, senza zavorra, braccio max., altezza max.
	Counterweight · Gegengewicht · Lest de contre-flèche · Lastre de contra flecha · Zavorra controbraccio
	FEM 1004 Out of service wind condition · FEM 1004 Windverhältnisse im Außerbetriebszustand · FEM 1004 Conditions de vent hors service · FEM 1004 Condiciones de viento fuera de servicio · FEM 1004 Condizioni del vento in fuori servizio



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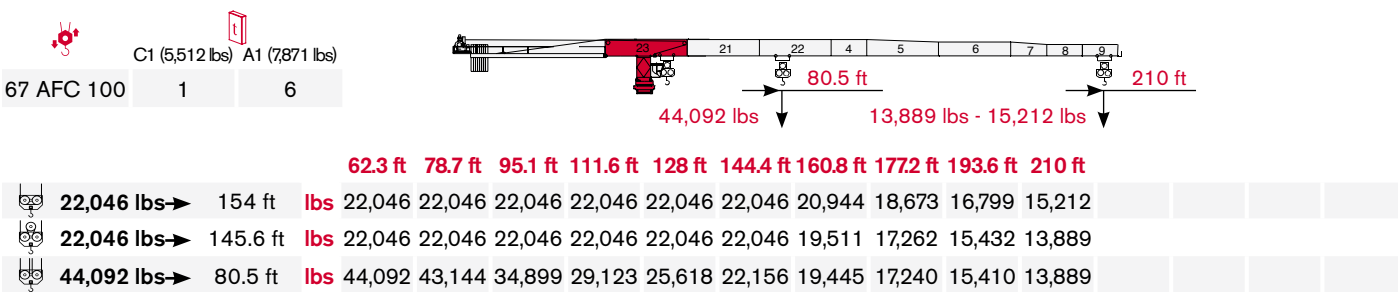
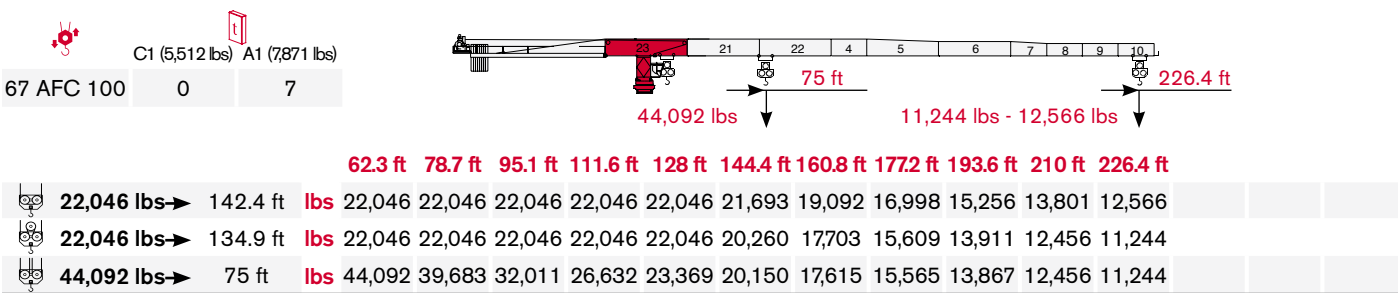
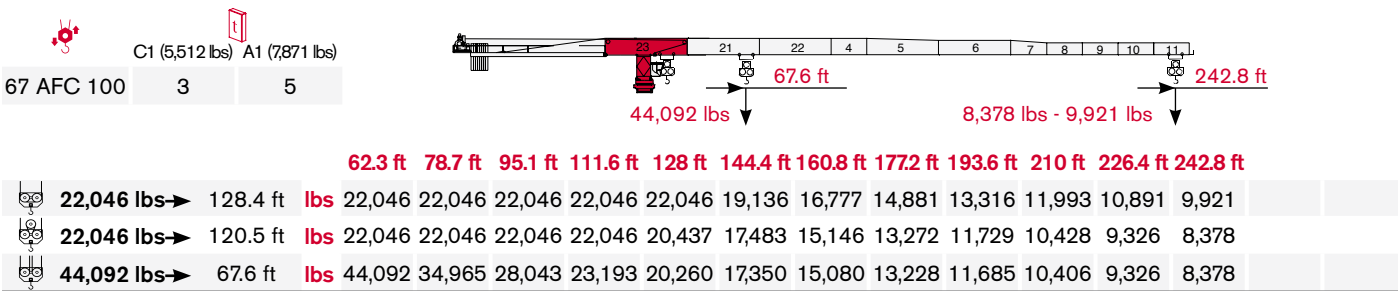
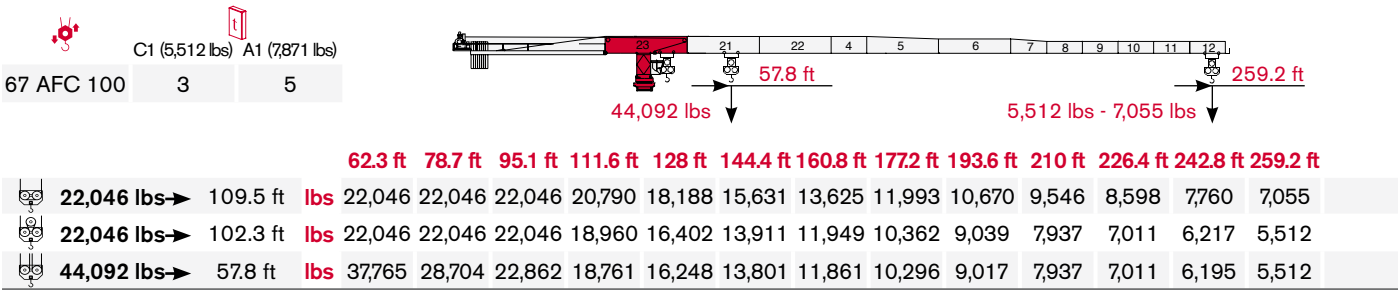
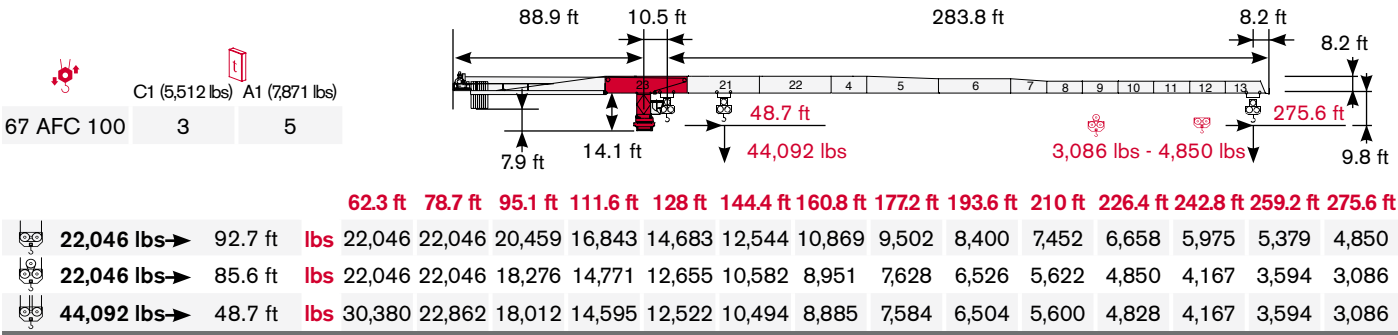
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LOAD DIAGRAM

Lastkurven · Courbes de charges · Curvas de cargas · Diagramma di portata

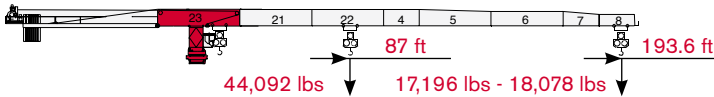




CTT 561A-20 HD23



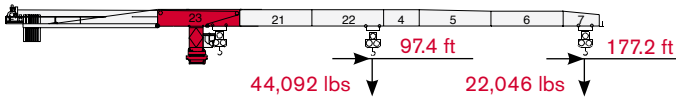
C1 (5,512 lbs) A1 (7,871 lbs)		
67 AFC 100	1	6



			62.3 ft	78.7 ft	95.1 ft	111.6 ft	128 ft	144.4 ft	160.8 ft	177.2 ft	193.6 ft								
	22,046 lbs→	163.7 ft	lbs	22,046	22,046	22,046	22,046	22,046	22,046	22,046	20,084	18,078							
	22,046 lbs→	158.1 ft	lbs	22,046	22,046	22,046	22,046	22,046	22,046	21,605	19,180	17,196							
	44,092 lbs→	87 ft	lbs	44,092	44,092	38,272	32,033	28,241	24,493	21,539	19,158	17,196							



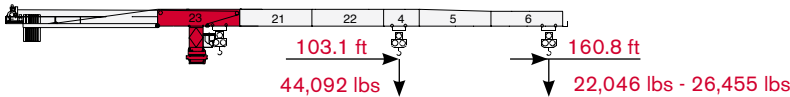
C1 (5,512 lbs) A1 (7,871 lbs)		
67 AFC 100	2	5



			62.3 ft	78.7 ft	95.1 ft	111.6 ft	128 ft	144.4 ft	160.8 ft	177.2 ft									
	22,046 lbs→	177.2 ft	lbs	22,046	22,046	22,046	22,046	22,046	22,046	22,046	22,046								
	22,046 lbs→	177.2 ft	lbs	22,046	22,046	22,046	22,046	22,046	22,046	22,046	22,046								
	44,092 lbs→	97.4 ft	lbs	44,092	44,092	43,585	36,553	32,276	28,065	24,736	22,046								



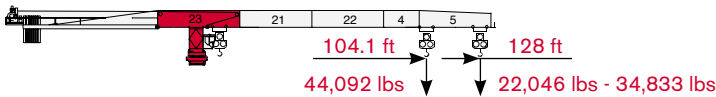
C1 (5,512 lbs) A1 (7,871 lbs)		
67 AFC 100	3	4



			62.3 ft	78.7 ft	95.1 ft	111.6 ft	128 ft	144.4 ft	160.8 ft										
	22,046 lbs→	160.8 ft	lbs	22,046	22,046	22,046	22,046	22,046	22,046	22,046									
	22,046 lbs→	160.8 ft	lbs	22,046	22,046	22,046	22,046	22,046	22,046	22,046									
	44,092 lbs→	103.1 ft	lbs	44,092	44,092	44,092	39,000	34,458	29,983	26,455									



C1 (5,512 lbs) A1 (7,871 lbs)		
67 AFC 100	0	5



			62.3 ft	78.7 ft	95.1 ft	111.6 ft	128 ft												
	22,046 lbs→	128 ft	lbs	22,046	22,046	22,046	22,046	22,046											
	22,046 lbs→	128 ft	lbs	22,046	22,046	22,046	22,046	22,046											
	44,092 lbs→	104.1 ft	lbs	44,092	44,092	44,092	39,419	34,833											



TOWER

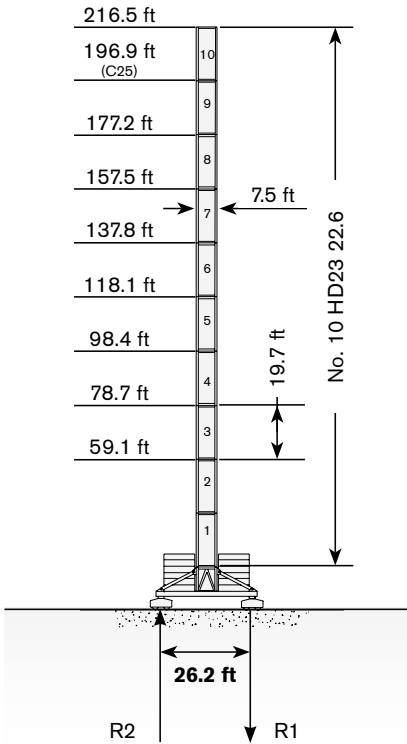
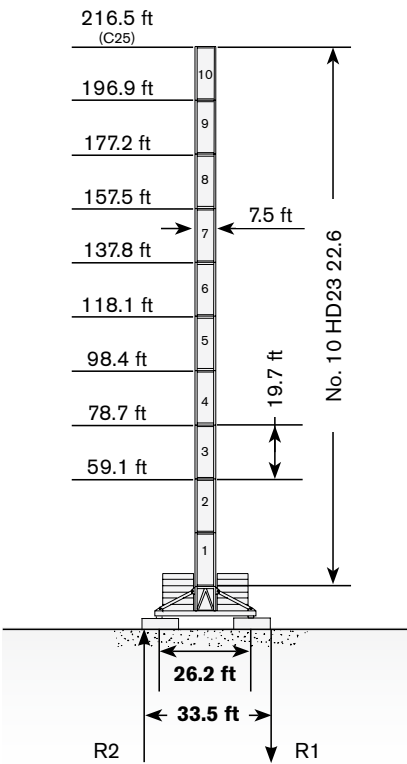
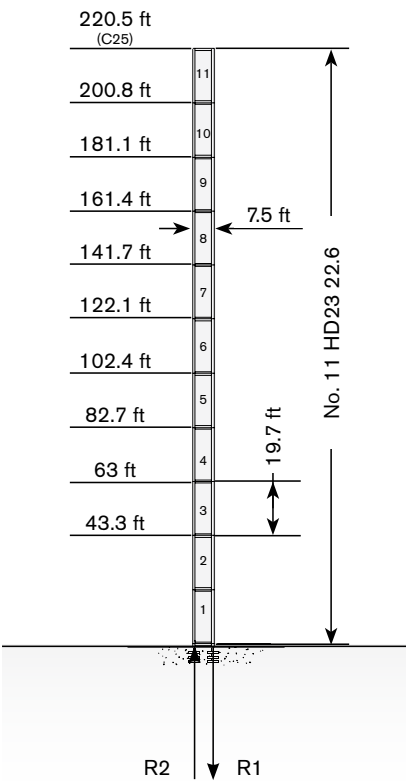
Turn · Tour · Torre · Torre

Standard Configurations · Standardkonfiguration ·
Standard Implantations · Implantaciones Standard · Installazioni Standard

Tower: HD23 & Basement: R1		
	●	◊
R1	-3460 kN	-4123 kN
R2	2652 kN	3451 kN
	1150 kN	

Tower: HD23 & Basement: FP1		
	●	◊
R1	-1717 kN	-1585 kN
R2	0 kN	0 kN
	1300 kN	

Tower: HD23 & Basement: T1		
	●	◊
R1	-1717 kN	-1585 kN
R2	0 kN	0 kN
	1300 kN	



Max. under hook height · Höchst Hakenhöhe · Hauteur maxi. sous crochet · Maxima altura bajo gancho · Altezza max. sotto gancio

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. Consulté-nos · Altezze diverse e combinazioni di torre sono disponibili; consultateci

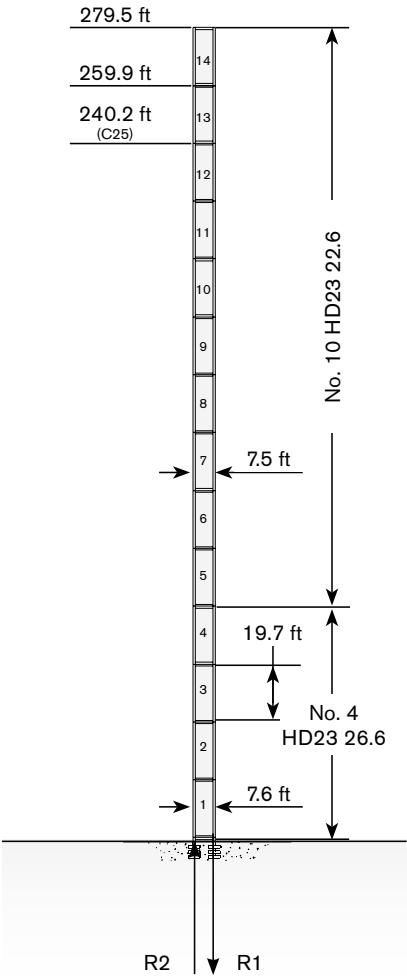




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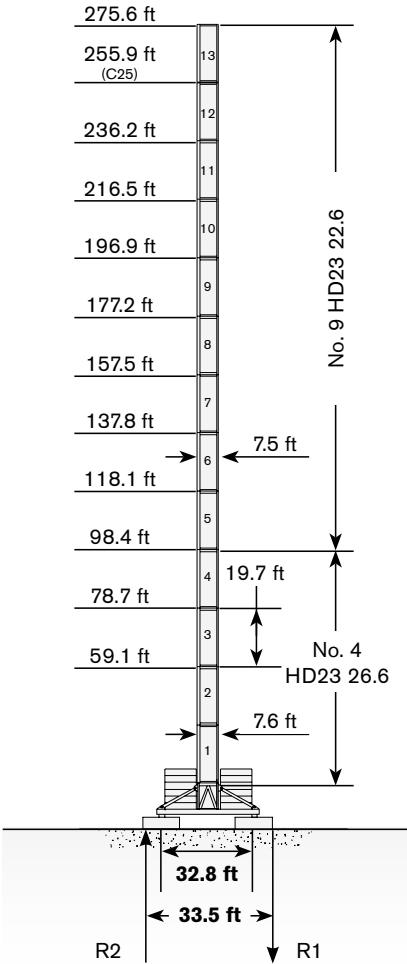
Tower: HD23 & Basement: R2

	●	◊
R1	-4291 kN	-5546 kN
R2	3377 kN	4772 kN
	1350 kN	



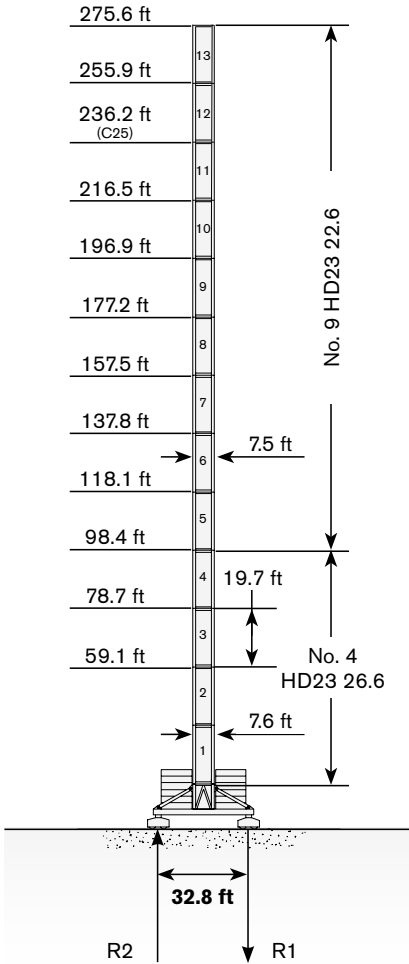
Tower: HD23 & Basement: FP6

	●	◊
R1	-1550 kN	-1878 kN
R2	0 kN	0 kN
	1600 kN	



Tower: HD23 & Basement: T6

	●	◊
R1	-1763 kN	-1859 kN
R2	0 kN	0 kN
	1650 kN	



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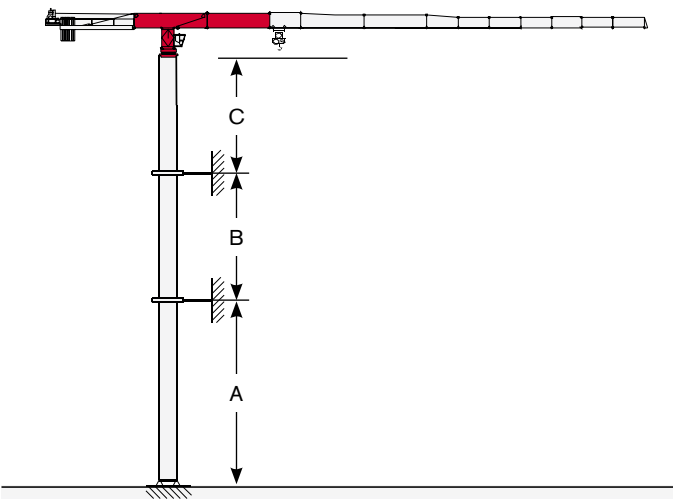
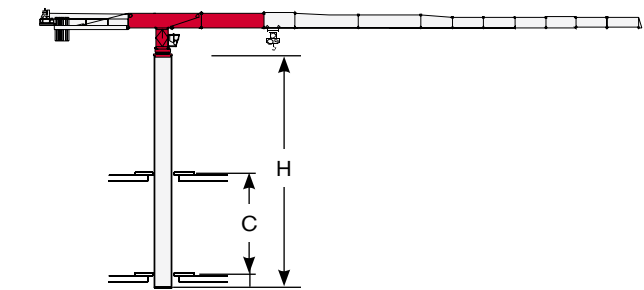
TOWER

Turn · Tour · Torre · Torre

Other configurations · Aufstellmöglichkeiten ·
Autres Implantations · Otras Implantaciones · Altre Installazioni

Bottom climbing crane · Kletterkran im Gebäude · Télescopage sur dalles · Telescopage grúa trepadora · Gru climbing

Crane tied to the structure · Geankerter Kran · Grue ancrée · Grúa anclada · Gru ancorata



Tower: HD23-22

C min	H max
39.4 ft	118.1 ft
45.9 ft	137.8 ft
52.5 ft	157.5 ft

Tower: HD23 & Basement: R1

	min	max
A	118.1 ft	196.9 ft
B	78.7 ft	137.8 ft
C	137.8 ft	

Tower: HD23 & Basement: R2

	min	max
A	118.1 ft	236.2 ft
B	78.7 ft	137.8 ft
C	137.8 ft	



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MECHANISMS

CTT 561A-20 HD23

Antriebe · Mécanismes · Mecanismos · Meccanismi

Power supply · Stromversorgung ·
Alimentation · Suministro eléctrico · Alimentazione

	67 AFC 100 F18	160 kVA*	400V - 50Hz / 460V - 60Hz	2000/14/CE modificata

* Crane without travelling equipment – Three movements simultaneous at 90% · Krane ohne Schienenfahren – Drei gleichzeitige Bewegungen mit 90% · Grue sans translation – Trois mouvements simultanés à 90% · Grúa sin traslación – Tres movimientos contemporáneos hechos al 90% · Gru senza traslazione – Tre movimenti contemporanei al 90%

Hoisting · Heben · Levage · Elevación · Sollevamento

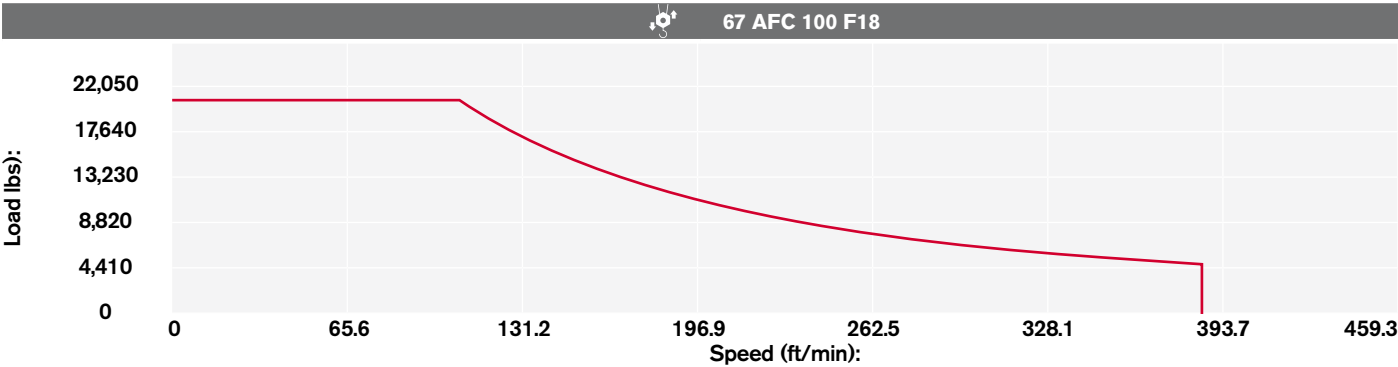
			lbs	ft/min	kW	
	67 AFC 100 F18 (Vector)		22,046	0 ➔ 111.6	67	1,640.5 ft
			17,637	0 ➔ 134.5		
			13,228	0 ➔ 177.2		
			8,818	0 ➔ 252.6		
			5,291	0 ➔ 387.2		
			44,092	0 ➔ 55.8		
			35,274	0 ➔ 67.3		
			26,455	0 ➔ 88.6		
			17,637	0 ➔ 126.3		
			10,582	0 ➔ 193.6		



MECHANISMS

Antriebe · Mécanismes · Mecanismos · Meccanismi

Hoisting Speed · Heben Geschwindigkeit · Vitesse de Levage ·
Velocidad de Elevación · Velocità' di Sollevamento



Additional Specifications · Weitere Leistungsdaten ·
Spécifications additionnelles · Otras prestaciones · Altre movimentazioni

	DVF 5 11	0 ➔ 328,1 ft/min	11 kW
	SSR 4 4 65	0.73 r.p.m.	4 x 59 ft·lb
	TVF 2RG 4M9 D1	0 ➔ 78.7 ft/min	4 x 9 kw
	TSR 2RG 4M8	39.4 ➔ 78.7 ft/min (50 Hz) 45.9 ➔ 91.9 ft/min (60 Hz)	4 x 59 ft·lb
	TSR 4RG 4M8	39.4 ➔ 78.7 ft/min (50 Hz) 45.9 ➔ 91.9 ft/min (60 Hz)	4 x 59 ft·lb

Tower height max.		
	T1	T6
TVF 2RG 4M9 D1	156.2 ft	156.2 ft
TSR 2RG 4M8	156.2 ft	156.2 ft
TSR 4RG 4M8	> 156.2 ft	> 156.2 ft

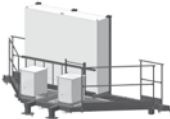


TRANSPORTATION

Transport · Transport · Conducción · Trasporto

CTT 561A-20 HD23

Packing list

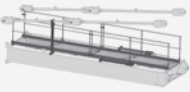
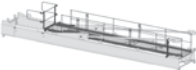
CTT 561A -20 HD23	DESCRIPTION · BESCHREIBUNG · DESCRIPTION · DESCRIPCIÓN · DESCRIZIONE	LENGTH · LÄNGE · LONGUEUR · LONGITUD · LUNGHEZZA	WIDTH · BREITE · LARGEUR · ANCHURA · LARGHEZZA	HEIGHT · HÖHE · HAUTEUR · ALTURA · ALTEZZA	QUANTITY · MENGE · QUANTITÉ · CANTIDAD · CANTITÀ	WEIGHT · GEWICHT · POIDS · PESO · PESO
	8x8 m UNDERCARRIAGE STRUT MOUNTING TOWER SECTION	9.5 ft	9.5 ft	9.5 ft	1	20,176 lbs
	8x8 m UNDERCARRIAGE STRUT	14.1 ft	1 ft	7.4 ft	4	4,013 lbs
	8x8 m UNDERCARRIAGE INTERNAL BEAM	13.1 ft	0.5 ft	1.1 ft	4	463 lbs
	8x8 m UNDERCARRIAGE EXTERNAL BEAM	19.6 ft	1 ft	1.1 ft	4	1,380 lbs
	10x10 m UNDERCARRIAGE STRUT MOUNTING TOWER SECTION	9.8 ft	9.8 ft	10.2 ft	1	23,042 lbs
	10x10 m LEFT + RIGHT UNDERCARRIAGE STRUT	18.7 ft	8.5 ft	2.3 ft	2 left + 2 right	8,434 lbs
	CROSSBEAM FOR TRAVELLING 10x10 m UNDERCARRIAGE	23 ft	7.2 ft	1.3 ft	2	4,476 lbs
	10x10 m UNDERCARRIAGE ELECTRICAL BOX SUPPORT PLATFORM FOR TVF 4RT 4M9 TRAVELLING DRIVE UNIT	18.7 ft	7.2 ft	7.9 ft	1	2,867 lbs
	10x10 m UNDERCARRIAGE ELECTRICAL BOX SUPPORT PLATFORM FOR TSR 4RG 4M8 TRAVELLING DRIVE UNIT	18.4 ft	6.9 ft	12.1 ft	1	1,422 lbs
	TOWER SECTION HD23 26.6	19.7 ft	8 ft	7.6 ft	1	14,273 lbs*
	TOWER SECTION HD23 22.6	19.7 ft	7.5 ft	7.5 ft	1	10,635 lbs*
	TOWER SECTION HD23 22.3	9.8 ft	7.5 ft	7.5 ft	1	5,623 lbs*
	SLEWING UNIT	9.7 ft	7.6 ft	7.3 ft	1	25,358 lbs

* inclusive of ladders, platforms and assembly equipment
** inclusive of tie-bars and safety rails
*** inclusive of trolley winch and accessories
**** ballast plates not included



TRANSPORTATION

Transport · Transport · Conducción · Trasporto

CTT 561A -20 HD23	DESCRIPTION · BESCHREIBUNG · DESCRIPTION · DESCRIPCIÓN · DESCRIZIONE	LENGTH · LÄNGE · LONGUEUR · LONGITUD · LUNGHEZZA	WIDTH · BREITE · LARGEUR · ANCHURA · LARGHEZZA	HEIGHT · HÖHE · HAUTEUR · ALTURA · ALTEZZA	QUANTITY · MENGE · QUANTITÉ · CANTIDAD · QUANTITÀ	WEIGHT · GEWICHT · POIDS · PESO · PESO
	CAB SUPPORT PLATFORM	18.2 ft	6.1 ft	8.8 ft	1	4,410 lbs
	CAB TOWER SECTION	6.2 ft	8.2 ft	10.6 ft	1	6,725 lbs
	COUNTERJIB "1C"	23.5 ft	6.5 ft	2.8 ft	1	8,710 lbs**
	COUNTERJIB "3C"	38.3 ft	7.3 ft	3.6 ft	1	12,789 lbs**
	JIB SECTION-23 23TT19 23.12	39.4 ft	8.3 ft	8.3 ft	1	24,255 lbs***
	JIB TROLLEY 20-24 t	7.8 ft	7.5 ft	4.8 ft	1	1,687 lbs
	JIB SECTION-21 21TT19 23.10	33.8 ft	6.1 ft	8.3 ft	1	10,805 lbs
	JIB SECTION-22 22TT19 23.10	33.9 ft	6.1 ft	8.2 ft	1	8,820 lbs
	JIB SECTION-04 TT19 23.05	16.4 ft	6.1 ft	8.2 ft	1	3,969 lbs
	JIB SECTION-05 TT19 23.10	32.8 ft	6.1 ft	8.2 ft	1	5,954 lbs
	JIB SECTION-06 TT19 20.10	33.8 ft	6.1 ft	7.2 ft	1	4,256 lbs
	JIB SECTION-07 TT1920.05	17.3 ft	6.1 ft	7.2 ft	1	1,985 lbs
	JIB SECTION-08 TT1917.05	17.2 ft	6.1 ft	6.1 ft	1	1,720 lbs
	JIB SECTION-09 TT1917.05	17.1 ft	6.1 ft	6.1 ft	1	2,073 lbs

* inclusive of ladders, platforms and assembly equipment
** inclusive of tie-bars and safety rails
*** inclusive of trolley winch and accessories
**** ballast plates not included



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	JIB SECTION-10 TT1917.05	17 ft	6.1 ft	6.1 ft	1	1,147 lbs
	JIB SECTION-11 TT1917.05	16.9 ft	6.1 ft	6.1 ft	1	997 lbs
	JIB SECTION-12 TT1917.05	16.9 ft	6.1 ft	5.8 ft	1	838 lbs
	JIB SECTION-13 TT1917.05	16.9 ft	6.1 ft	5.8 ft	1	717 lbs
	JIB POINT 20/24 t	7 ft	3.9 ft	5.3 ft	1	595 lbs
	4-PART LINE HOIST BLOCK 20-24 t	5.2 ft	2 ft	5.4 ft	1	1,863 lbs****
	HOIST WINCH 67AFC 100 F18 VECTOR (without platforms, safety rails and rope)	10.8 ft	7 ft	7.8 ft	1	9,724 lbs



Notizen · Note · Apunte · Appunti

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.





www.terexcranes.com

Effective Date: June 2010.

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