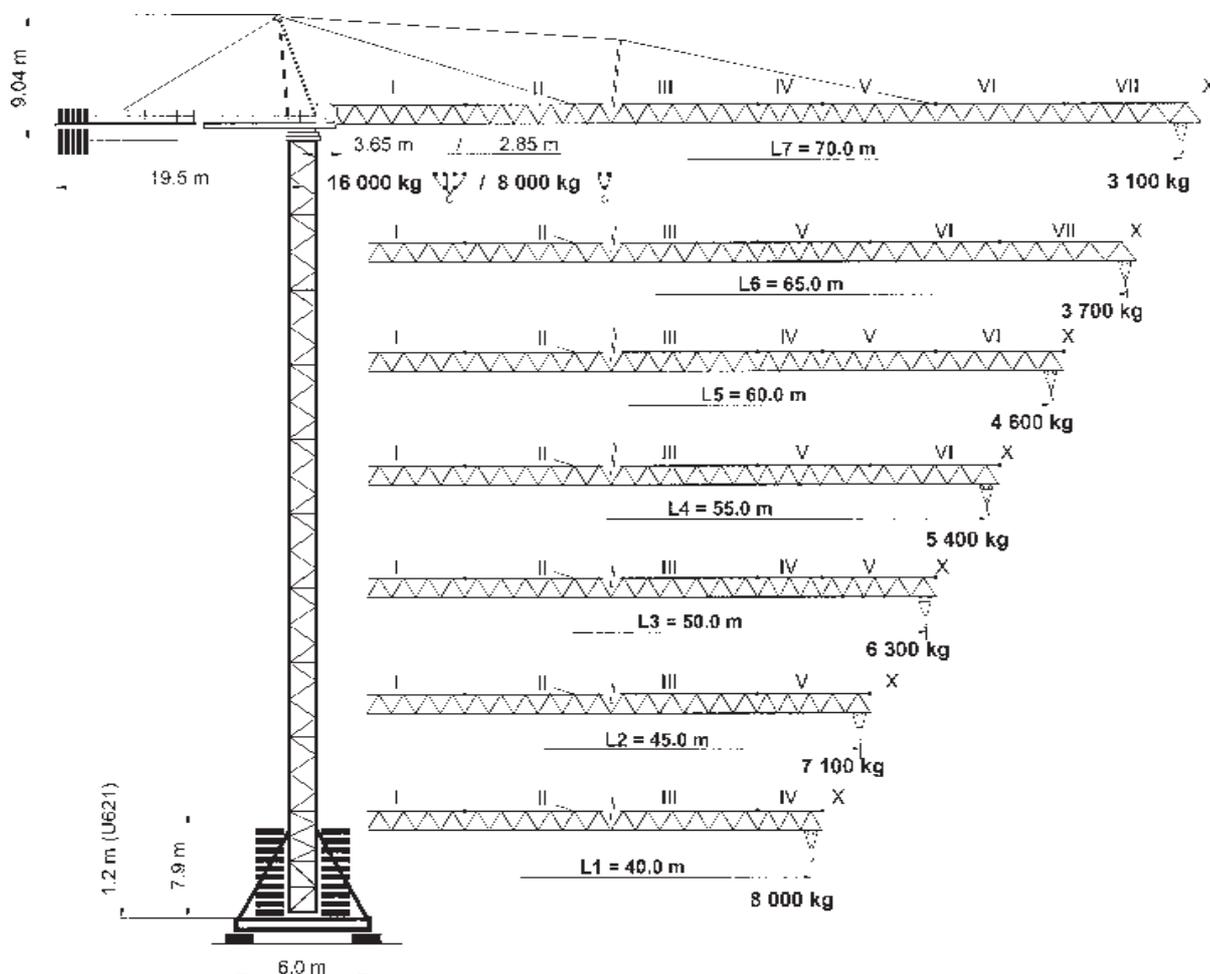


Tower Crane
Gru a torre • Grue à tour
Turmdrehkran • Grua torre



DIN / FEM
1.001 A3

THE ULTIMATE CRANE™

Specifications and data not binding
 Subject to modification without notice

Angaben und Beschreibung unverbindlich
 Änderungen vorbehalten ohne weitere Mitteilung

Dati illustrativi non impegnativi
 Con riserva di modifica senza preavviso

Dibujos y datos sin compromiso
 Modificaciones reservadas sin preaviso

Données techniques seulement indicatives
 Modifications réservées sans préavis

UTE.DOC. REV.2003/1

SK 315 - 16



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Load Diagram



Courbes de charges



Curvas de cargas



Diagramma di portata



Lastkurven



Ausladung und Tragfähigkeit • Radius and capacity • Portée et charge

SK 315 - 16															
				m	20	25	30	35	40	45	50	55	60	65	70
L 7	8,0 t	- 29,5 m	t	8,0	8,0	7,8	7,0	5,8	5,1	4,6	4,1	3,7	3,4	3,1	
	16,0 t	- 14,8 m	t	11,8	8,9	7,5	6,0	5,1	4,4	3,9	3,4	3,0	2,7	2,4	
L 6	8,0 t	- 32,0 m	t	8,0	8,0	8,0	7,6	6,3	5,6	5,0	4,5	4,0	3,7		
	16,0 t	- 15,9 m	t	12,8	9,8	8,0	6,6	5,7	4,9	4,3	3,8	3,4	3,1		
L 5	8,0 t	- 35,9 m	t	8,0	8,0	8,0	8,0	7,1	6,3	5,6	5,1	4,6			
	16,0 t	- 17,6 m	t	14,5	11,0	9,0	7,6	6,6	5,6	5,0	4,4	3,9			
L 4	8,0 t	- 38,0 m	t	8,0	8,0	8,0	8,0	7,7	6,7	6,0	5,4				
	16,0 t	- 18,6 m	t	15,4	11,8	9,6	8,1	6,9	6,0	5,3	4,7				
L 3	8,0 t	- 39,9 m	t	8,0	8,0	8,0	8,0	8,0	7,1	6,3					
	16,0 t	- 19,4 m	t	16,0	12,4	10,1	8,5	7,3	6,4	5,6					
L 2	8,0 t	- 40,2 m	t	8,0	8,0	8,0	8,0	8,0	7,1						
	16,0 t	- 19,5 m	t	16,0	12,4	10,2	8,6	7,4	6,4						
L 1	8,0 t	- 40,0 m	t	8,0	8,0	8,0	8,0	8,0							
	16,0 t	- 20,2 m	t	16,0	13,0	10,4	9,0	7,7							

4-falls: radius - 0.8 m



4 brins: portée - 0.8 m



Doble reenvio: alcance - 0.8 m



Tiro in IV: sbraccio - 0.8 m



4-strang: Ausladung - 0.8 m



Ballastierung • Ballast • Lest

ohne Klettereinrichtung / without climbing device / sans cage télescopique

Version F – mit Zentralballast und Fundamentballast / with Central ballast block and Foundation block / avec Lest de base et Bloc de fondation – BZ + BF

HH	(m)	13.1	19.0	24.9	30.8	36.7	42.6	48.5	54.4	60.3		
U 621 - DIN	(t)	66.0	66.0	66.0	66.0	66.0	86.0	96.0	116.0	136.0		
U 621 - FEM	(t)	76.0	76.0	76.0	76.0	76.0	86.0	86.0	106.0	126.0		
HH	(m)	13.4	19.3	25.2	31.1	37.0	42.9	48.8	54.7	60.6	66.5	72.4
U 821	(t)	36.0	36.0	36.0	36.0	36.0	36.0	46.0	56.0	76.0	86.0	106.0

Version E – mit Zentralballast / with Central ballast block / avec Lest de base – BZ

HH	(m)	13.5	19.4	25.3	31.2	37.1	43.0	48.9	54.8	60.7		
UF 621 - DIN	(t)	60.0	60.0	60.0	60.0	60.0	80.0	90.0	110.0	130.0		
UF 621 - FEM	(t)	70.0	70.0	70.0	70.0	80.0	80.0	90.0	100.0	120.0		
HH	(m)	13.7	19.6	25.5	31.4	37.3	43.2	49.1	55.0	60.9	66.8	72.7
UF 821 - DIN	(t)	20.0	20.0	20.0	20.0	20.0	30.0	40.0	50.0	70.0	80.0	100.0
UF 821 - FEM	(t)	30.0	30.0	30.0	30.0	30.0	30.0	40.0	50.0	70.0	80.0	90.0

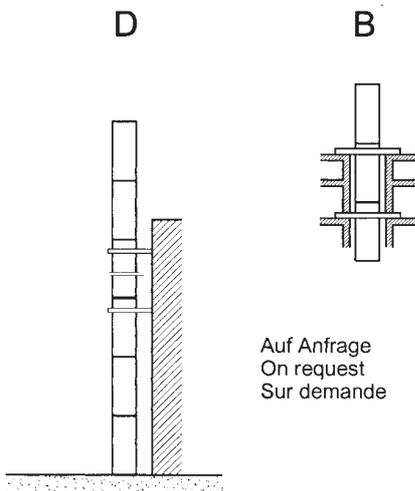
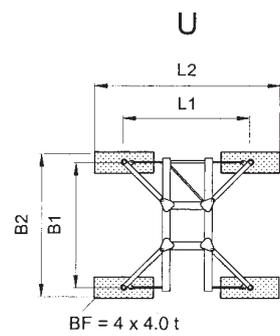
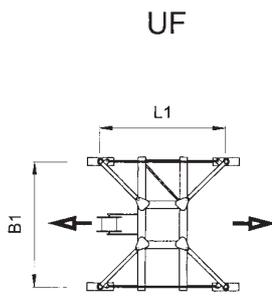
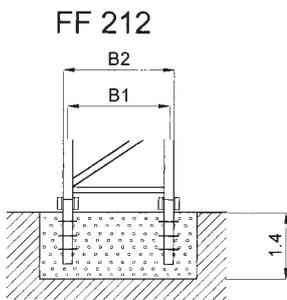
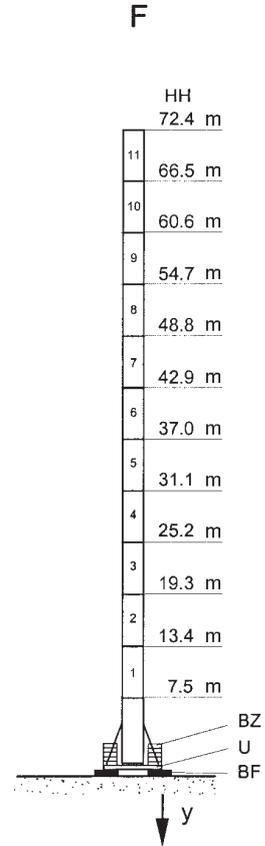
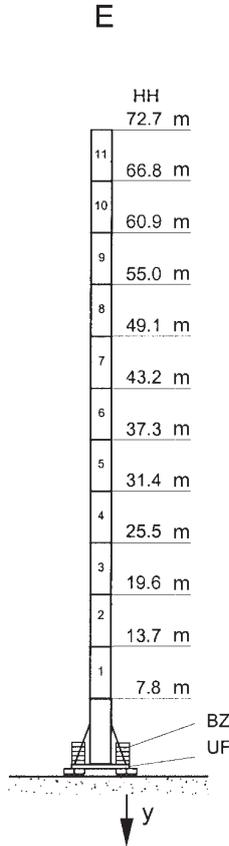
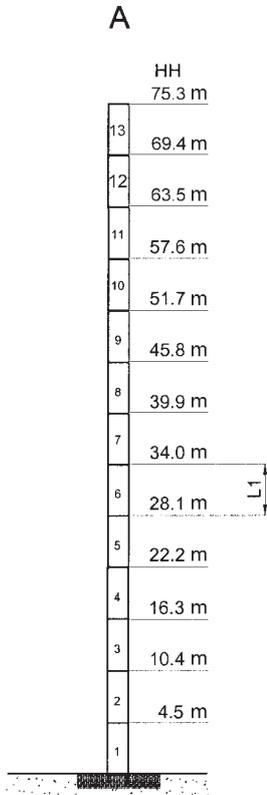
Gegengewichtsballast • Counterweight • Contrepoids

Ausleger / Jib / Flèche		L1	L2	L3	L4	L5	L6	L7
BG	(t)	13.60	14.60	16.60	17.75	19.75	18.75	20.75
		3 x 3.15	2 x 3.15		3 x 3.15	1 x 3.15	2 x 3.15	
		1 x 4.15	2 x 4.15	4 x 4.15	2 x 4.15	4 x 4.15	3 x 4.15	5 x 4.15



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Tower **GB** Tour **F** Mástil **E**
 Torre **I** Turm **D**



	B1	B2	L1	L2	y / ●	y / ■
	m				kN	
U 621	6.0	7.0	6.0	8.8	999	1200
U 821	8.0	9.2	8.0	10.8	922	1200
UF 621	6.0		6.0		1038	1143
UF 821	8.0		8.0		941	1206
TS 212.2	2.15	2.37	5.9			
TSV 212	2.15	2.37	7.9			
TSK 212	2.15	2.37	2.0			

● in Betrieb / in operation / en service
 ■ außer Betrieb / out of operation / sans service



SK 315 -16

Mechanisms
Meccanismi



Mécanismes
Antriebe



Mecanismos



FU 8-160/4		$v = 0 \rightarrow 88 \text{ m / min.}$	7.5 kW	400 V		
K FU 10-190/3		$v = 0 \rightarrow 25 \text{ m / min.}$	2 x 10.0 kW	50 Hz		
K WB 120/4		$v = 0 \rightarrow 0.75 \text{ min}^{-1}$	2 x 100 Nm	3 Ph		
380 m				160 A / 50 mm ²		
Type FU 45-80/5 45.0 kW				Motorenleistung ges. Total motor output Puissance moteur (ohne/without/sans SR 10-190/3) ~ 70 kW		
				Anschlussleistung Connected power Puissance installée 120 kVA		
250 A / 70 mm ²						
Type SR WB 66-80/4F 66.0 kW			$\rightarrow 112 \text{ m / min}$ 2 500 kg	Motorenleistung ges. Total motor output Puissance moteur (ohne/without/sans SR 10-190/3) ~ 90 kW		
			$\rightarrow 70 \text{ m / min}$ 4 200 kg			$\rightarrow 56 \text{ m / min}$ 5 000 kg
			$\rightarrow 45 \text{ m / min}$ 6 300 kg			$\rightarrow 35 \text{ m / min}$ 8 400 kg
			$\rightarrow 28 \text{ m / min}$ 8 000 kg			$\rightarrow 23 \text{ m / min}$ 12 500 kg
				Anschlussleistung Connected power Puissance installée 180 kVA		



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