

PEINER® HTS

Geschäftsbereich der

**NELL SERVICE UND
MASCHINENTECHNIK GMBH**

Gottbillstraße 1-7 · 54294 Trier
Tel. 06 51/81 00 80 · Fax 06 51/8 76 40

Ein Unternehmen
der Preussag



Typenblatt Specification Sheet Fiche Technique

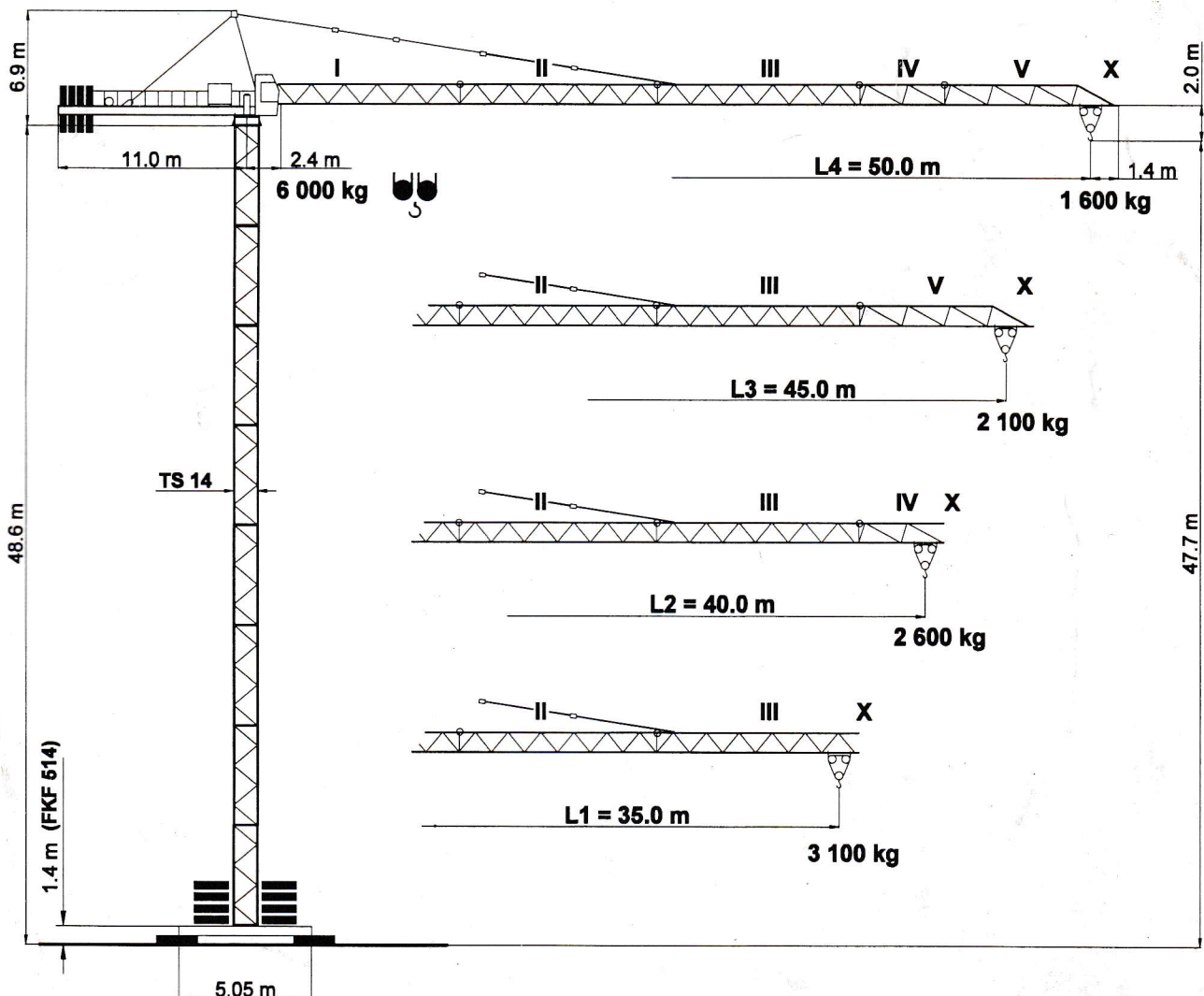
PEINER SK 106/1

FEM 1001/3

A3

Max. Tragfähigkeit
Lifting capacity
Force de levage

6.0 t

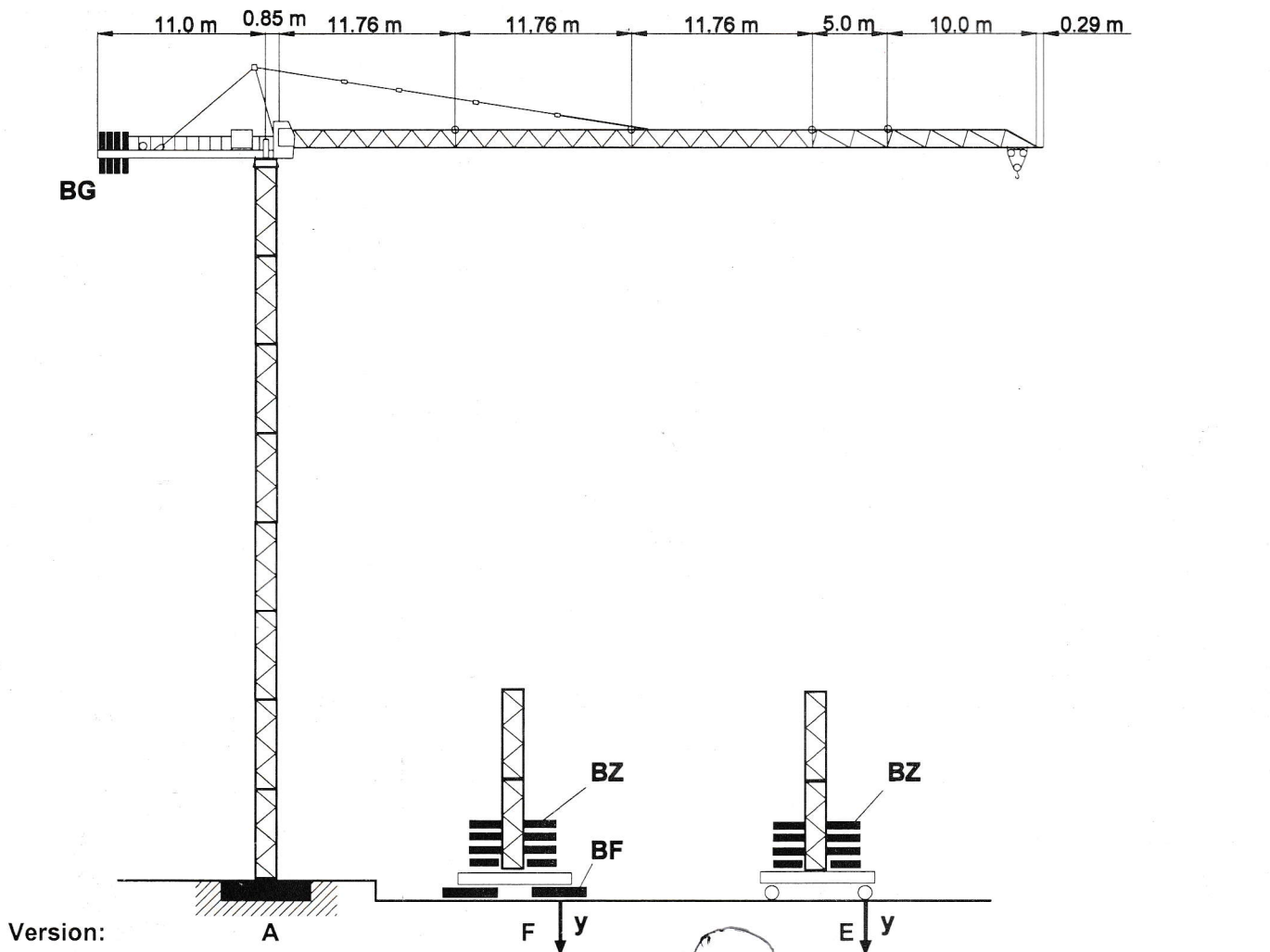


Unsere Vertretung:
Our representative:
Notre représentant:

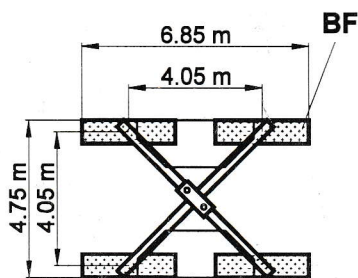
Nº 131

SK 106/1 Turmkombinationen, Hakenhöhen, Eckkräfte, Zentralballast

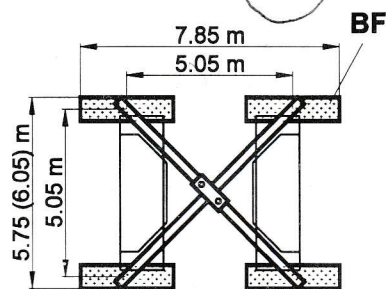
Combinations of tower section, hook heights, forces acting per corner, base ballast
 Combinations possibles et hauteurs sous crochet, pressions par coin, contrepoids central



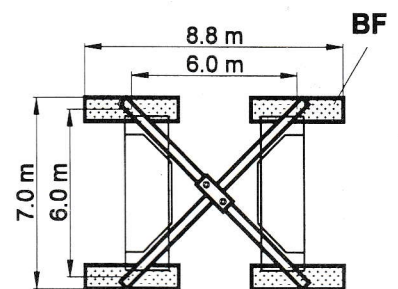
FK 414



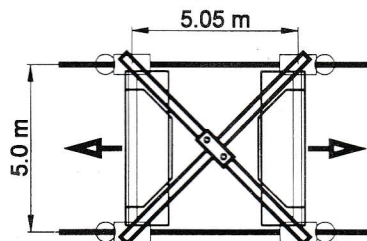
FK 514 / 519



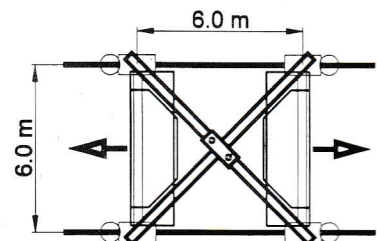
FK 619



FKF 514 / 519



FKF 619



Bodenaufgaben

Ground support
 Support sol

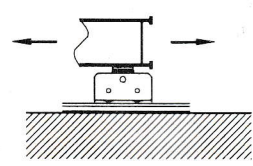
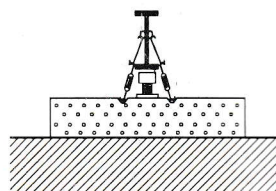
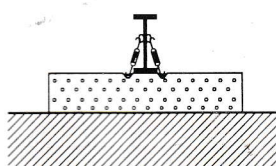
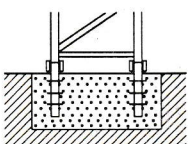
Version:

A

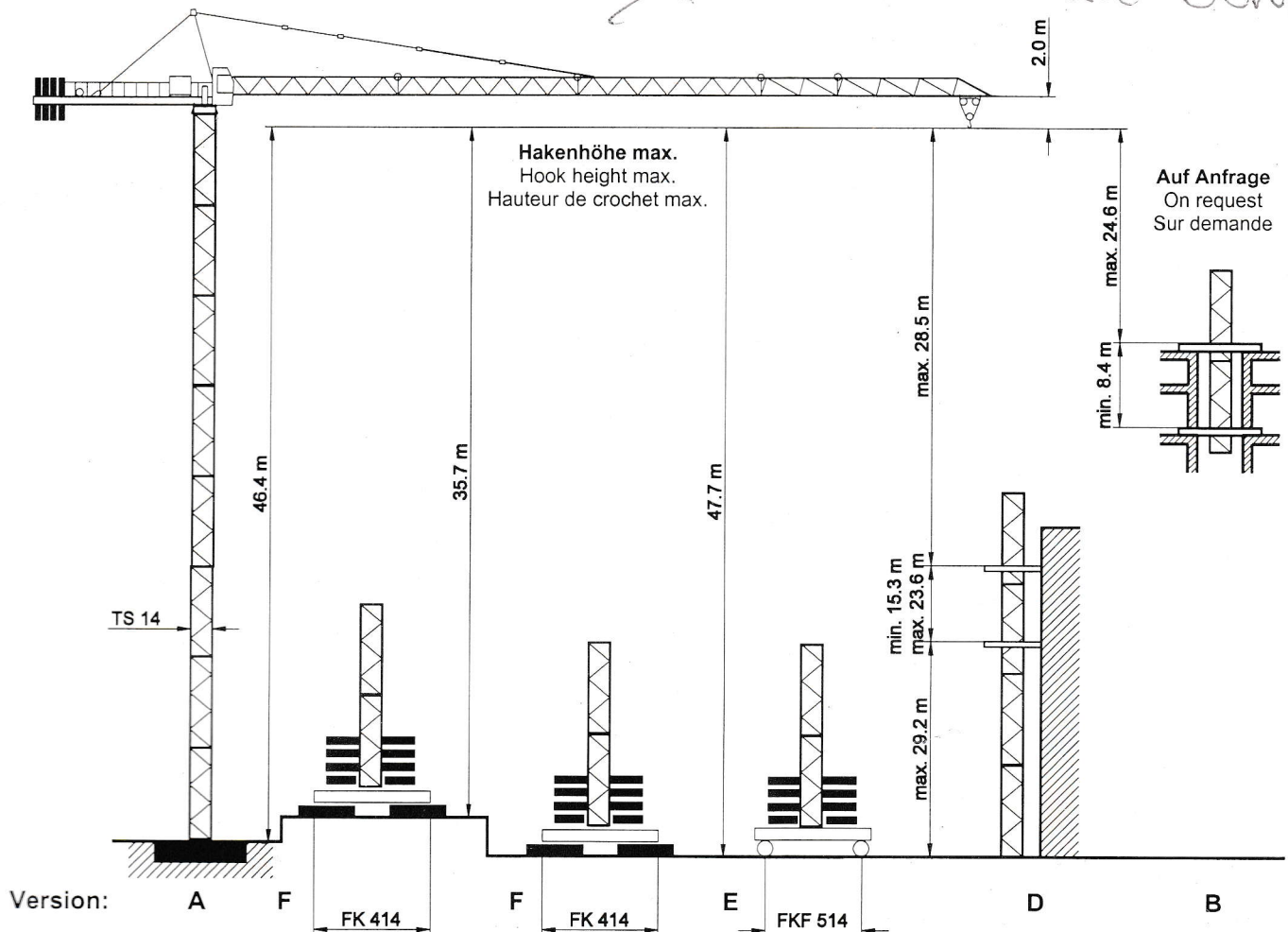
F

F / SP

E



Zone D - 180 km/h vitesse vents



TS 14		Version A	Version F								Version E				
Turm / Tower / Tour TS 14.3 TS 14.4		HK	HK	BZ + BF	y		HK	BZ + BF	y		Turm / Tower / Tour TS 14.3 TS 14.4		BZ	y	
5.9 m	11.8 m	m	m	t	i.B. kN	a.B. kN	m	t	i.B. kN	a.B. kN	5.9 m	11.8 m	t	i.B. kN	a.B. kN
2 x TSV 14.3 6 x TS 14.3		46.4					47.7	73.0	497	640					
1 x TSV 14.3 6 x TS 14.3		40.5					41.8	53.0	424	497	2 x TSV 14.3 5 x TS 14.3		52.2	474	497
6 x TS 14.3	3 x TS 14.4	34.6	35.7	70.8	487	507	35.9	43.0	378	314	6 x TS 14.3	3 x TS 14.4	42.2	419	400
5 x TS 14.3		27.7	29.8	50.8	414	380	30.0	33.0	335	308	5 x TS 14.3		32.2	366	314
4 x TS 14.3	2 x TS 14.4	22.8	23.9	40.8	368	303	24.1	23.0	292	236	4 x TS 14.3	2 x TS 14.4	22.2	313	243
3 x TS 14.3		16.9	18.0	30.8	324	274	18.2	23.0	275	232	3 x TS 14.3		22.2	290	239
2 x TS 14.3	1 x TS 14.4	11.0	12.1	30.8	306	270	12.3	23.0	261	228	2 x TS 14.3	1 x TS 14.4	22.2	273	235
1 x TS 14.3		5.1	6.2	30.8	291	266	6.4	23.0	247	224	1 x TS 14.3		22.2	258	231
Fundament Foundation Fondaton 5.6 x 5.6 x 1.2 m		Fundamentkreuz Cruciform base Croix de fondation								Fundamentkreuz, fahrbar Cruciform base, railgoing Croix de fondation, mobile					
		FK 414				FK 514				FKF 514					
Fundamentfüße Fixing angles Ancres de fondation 4 x FF 10/14		BF 4 x 2.7 t		BZ Block 5.0 t		BF 4 x 2.7 t		BZ Block 5.0 t 6.1 t		Fahrschemel / bogie gerade / straight / droite F 320					

TS 14.3 = 5.9 m

TS 14.4 = 11.8 m

TSV 14.3 = 5.9 m

Ausleger Jib Flèche	Max. Tragfähigkeit max. capacity charge max.	Ausladung (m) und Tragfähigkeit (t) Radius (m) and capacity (t) Portée (m) et charge (t)															
																	
m	6.0 t	17	19	21	23	25	27	29	31	33	35	37	40	42	45	47	50
L4 50.0	2.4 - 16.1 m	5.63	4.97	4.44	4.00	3.64	3.33	3.07	2.84	2.64	2.47	2.31	2.10	1.98	1.82	1.73	1.60
L3 45.0	2.4 - 18.0 m		5.64	5.04	4.55	4.15	3.80	3.50	3.25	3.02	2.82	2.65	2.42	2.28	2.10		
L2 40.0	2.4 - 19.1 m			5.40	4.88	4.45	4.08	3.76	3.49	3.25	3.04	2.85	2.60				
L1 35.0	2.4 - 19.5 m			5.51	4.98	4.54	4.16	3.84	3.56	3.32	3.10						

Geschwindigkeiten / Speeds / Vitesses

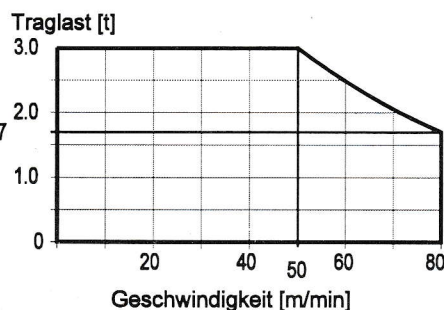
FU 4-60/4		$v =$	80 m / min.	4.0 kW	400 V 50 Hz 3 Ph
SR 5-90/3		$v = 0 \rightarrow$	25 m / min.	2 x 5.0 kW	
K SRA 55/3		$v = 0 \rightarrow$	0.75 min ⁻¹	2 x 4.4 kW	

 HK max. = 90 m 2 - Lagen / 2 - layers / 2 - couches

Type PU 24-30/3 24.0 kW					65 m / min	1 500 kg			32 m / min	3 000 kg	Motorenleistung ges. Total motor output Puissance moteur (ohne/without/sans SR 5-90/3)
					31 m / min	3 000 kg			16 m / min	6 000 kg	
					7 m / min				3 m / min		Anschlußleistung Connected power Puissance installée

 HK max. = 85 m 2 - Lagen / 2 - layers / 2 - couches

Type FU 34-30/5 34.0 kW	
	
	



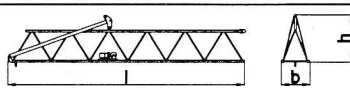
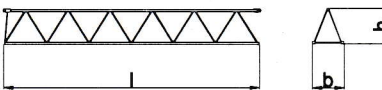
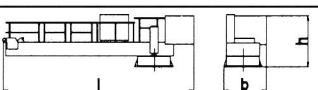
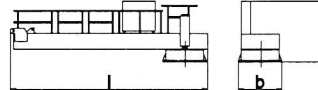
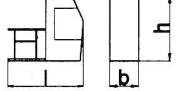
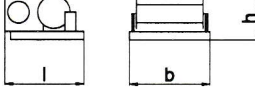
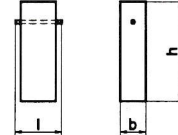
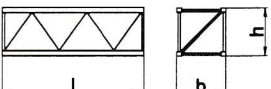
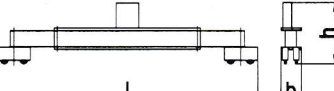
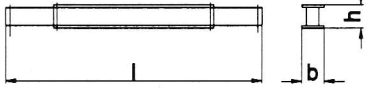
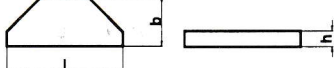
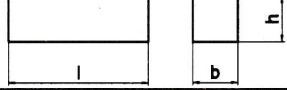
Gegengewichtsballast / Counterweight / Contrepoids

Ausleger / Jib / Flèche		L 1	L 2	L 3	L 4
Gegengewicht Counterweight Contrepoids	BG	11 950 kg	12 950 kg	12 950 kg	13 600 kg
	[t]	1 x 2.50	1 x 2.50	1 x 2.50	
		3 x 3.15	2 x 3.15	2 x 3.15	3 x 3.15
			1 x 4.15	1 x 4.15	1 x 4.15

SK 96/1; 106/1 Transportmaße und Transportgewichte

Dimensions and weights of transport
Dimensions et poids pour transport

Montagegewichte siehe Betriebsanleitung!
Mounting weights see operating manual!
Poids de montage voir instruction de service!

	Benennung Designation Désignation		Abmessungen (m / ft) Dimensions (m / ft)			Gewicht Weight Poids t / kips	Volumen Volume m³ / ft³	
			l	b	h			
1	Ausleger / Jib / Flèche Schuss / Section / Élément I		12.05 39.53	1.32 4.33	2.10 6.89	2.40 4.2	33.4 1179	
2	Ausleger / Jib / Flèche Schuss / Section / Élément II		11.96 39.23	1.20 3.94	1.27 4.16	1.15 2.5	18.2 643	
	Schuss / Section / Élément III		12.17 39.93	1.22 4.00	1.45 4.76	1.05 2.3	21.5 760	
	Schuss / Section / Élément IV		5.20 17.06	1.22 4.00	1.28 4.20	0.27 0.6	4.5 286	
	Schuss / Section / Élément V		10.20 33.46	1.22 4.00	1.28 4.20	0.39 0.9	15.9 562	
	Seilstation / Jib tip / Bout de flèche X		1.25 4.10	0.56 1.84	1.08 3.54	0.07 0.2	0.8 26.7	
3	Drehbühne mit Drehkranzaufgabe u. Kabine Turntable with slewing ring support and cabin Plateforme tournante avec support de couronne d'orientation et cabine		13.20 43.30	2.27 7.45	2.35 7.71	7.33 16.2	70.0 2487	
4	Drehbühne mit Drehkranzaufgabe Turntable with slewing ring support Plateforme tournante avec support couronne d'orientation		11.87 38.84	1.74 1.74	2.25 7.38	5.80 12.8	46.4 498	
5	Kabine mit Podest und Geländer Cabin with support and railing Cabine avec appui et garde corps		2.95 9.68	1.23 3.91	2.10 6.67	0.60 1.3	7.6 252	
6	Hubwinde Hoist winch Mécanisme de levage		1.35 4.43	1.82 5.97	0.70 2.29	0.85 1.9	1.7 61	
7	Gegengewichtsbalken Counter jib ballast Contrepoids		4.15 t	1.20 3.94	0.50 1.64	3.69 12.11	4.15 9.1	2.2 78
			3.15 t	1.20 3.94	0.50 1.64	2.84 9.32	3.15 6.9	1.7 60
			2.50 t	1.20 3.94	0.50 1.64	2.29 7.5	2.50 5.5	1.4 51
8	Turmschuss Tower section Élément de tour mit Streben, with struts, avec étauçons		TS 14.3	5.91 19.39	1.60 5.25	1.61 5.28	1.45 3.2	15.22 538
			TSV 14.3	5.91 19.39	1.60 5.25	1.61 5.28	1.64 5.4	15.22 538
			TS 19.1	5.93 19.46	2.10 6.89	2.06 6.76	2.62 5.8	25.66 906
			TSV 19.1					
			TS 14.4	11.80 38.71	1.60 5.25	1.61 5.28	2.70 5.9	30.40 1073
9	Fundamentkreuz, fahrbar, geklappt Movable undercarriage, folded Châssis roulant, replié		FKF 514	8.25 27.07	2.40 7.87	1.67 5.48	7.40 24.3	33.07 1167
			519	8.25 27.07	1.50 4.92	1.56 5.12	8.80 28.9	19.31 681
10	Fundamentkreuz, stationär, geklappt Stationary undercarriage, folded Châssis fixe, replié		FK 414	6.04 19.82	1.68 5.51	0.81 2.66	3.40 7.5	8.22 290
			514	7.55 24.77	1.50 4.92	1.01 3.31	4.90 16.1	11.44 403
			519	7.58 24.87	1.36 4.46	0.95 3.11	5.40 11.9	9.80 345
11	Zentralballaststein Central ballast block Bloc de fondation		BZ 6.1 t	4.00 13.12	1.35 4.43	0.65 2.13	6.10 13.4	3.5 124
			5.0 t	3.50 11.48	1.50 4.92	0.67 2.20	5.00 11.2	3.5 124
12	Fundamentblock Foundation pad Bloc de fondation		BF	2.80 9.19	0.70 2.30	0.55 1.80	2.70 5.9	1.08 38
				2.80 9.19	1.00 3.28	0.57 1.87	4.00 8.82	1.60 57
13	Diverse Montageteile Accessories Accessoires							