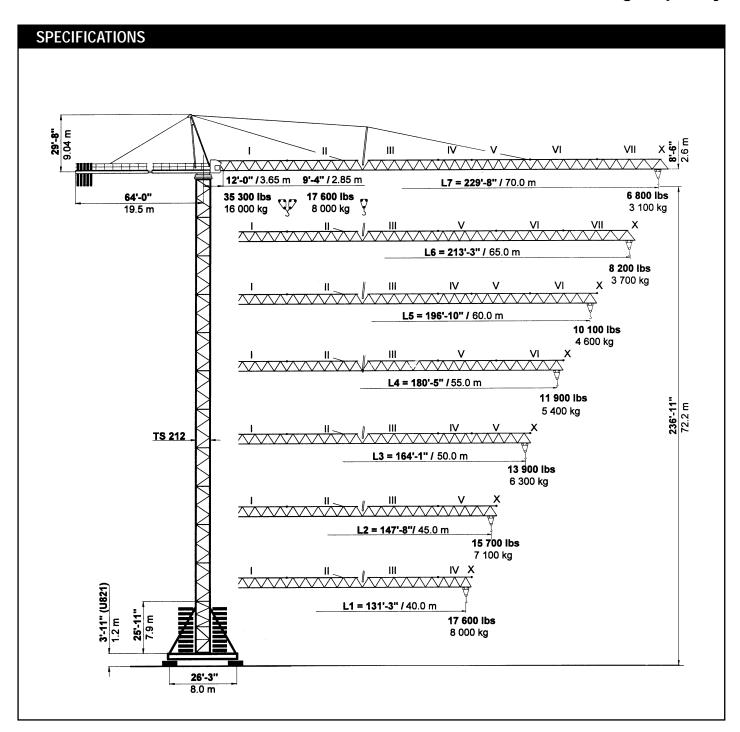


PEINER SK 315

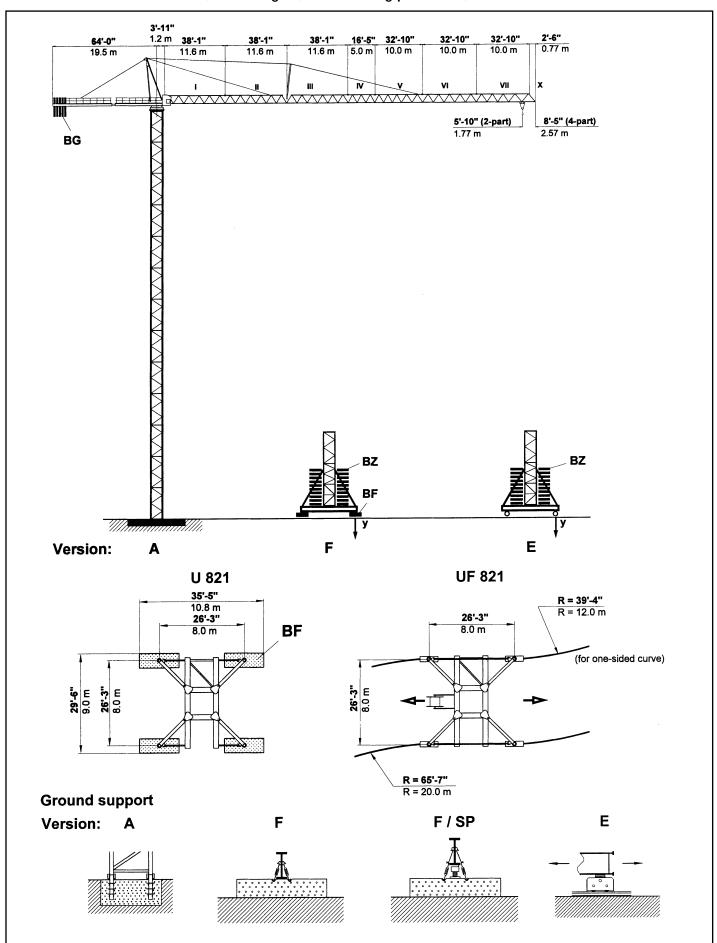
Hammerhead Tower Crane 17,600-35,300 lbs. (8-16 mt) Lifting Capacity

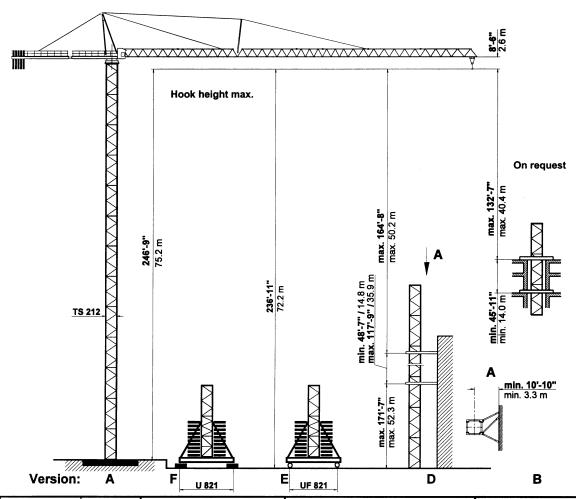


simple, available and cost effective $^{\scriptscriptstyle{\mathrm{TM}}}$

PEINER SK 315

Combinations of tower section, hook heights, forces acting per corner, base ballast





TS 212	Version A				Version	F	Version E		
Tower	НН	Tower	HH	BZ		у	BZ		
TS 212.1	ft m	TSV 212 TS 212.1	ft m	+ BF kips / t	in servi	service	kips/t	in service kips / kN	out of service kips / kN
13 x TS 212.1	246'-9"* 75.2*			•					•
12 x TS 212.1	227'-4"* 69.3*	1 x TSV 212 11 x TS 212.1	236'-11"* 72.2*	212.0 96	204 909	279 1243	198.0 90	212 942	282 1253
11 x TS 212.1	208'-0"* 63.4*	1 x TSV 212 10 x TS 212.1	217'-6 "* 66.3*	168.0 76	186 826	240 1066	154.0 70	192 856	242 1075
10 x TS 212.1	188'-8"* 57.5*	1 x TSV 212 9 x TS 212.1	198'-2" 60.4	146.0 66	173 770	203 901	132.0 60	179 797	204 909
9 x TS 212.1	169'4" 51.6	1 x TSV 212 8 x TS 212.1	178'-10" 54.5	124.0 56	161 715	169 751	88.0 40	161 715	169 754
8 x TS 212.1	149'-11" 45.7	1 x TSV 212 7 x TS 212.1	159'-5'' 48.6	101.0 46	149 661	145 645	88.0 40	154 683	170 654
7 x TS 212.1	130'-7" 39.8	1 x TSV 212 6 x TS 212.1	140'-1" 42.7	101.0 46	142 633	128 569	66.0 30	141 629	124 553
6 x TS 212.1	111'-3" 33.9	1 x TSV 212 5 x TS 212.1	120'-9" 36.8	101.0 46	136 607	112 499	66.0 30	135 600	108 482
5 x TS 212.1	91'-10" 28.0	1 x TSV 212 4 x TS 212.1	101'-5" 30.9	101.0 46	131 582	98 435	66.0 30	129 573	94 418
4 x TS 212.1	72'-6" 22.1	1 x TSV 212 3 x TS 212.1	82'-0'' 25.0	101.0 46	126 559	85 376	66.0 30	123 548	81 359
3 x TS 212.1	53'-2" 16.2	1 x TSV 212 2 x TS 212.1	62'-8" 19.1	101.0 46	120 536	80 356	66.0 30	118 523	75 335
2 x TS 212.1	33'-9" 10.3	1 x TSV 212 1 x TS 212.1	43'-4" 13.2	101.0 46	116 515	80 356	66.0 30	112 500	75 335
Foundation				\$	Stationary	base		ravelling bas	8
2 5'-7'' x 25'-7 7.8 x 7.8x					U 821			UF 821	
Anchor stools 4 x FF 212		·		BF 4 x 8.82 k 4 x 4.0		BZ block 11.02 kips Block 5.0 t		Bogie Curve F 500	

If TSK 212 section is used the hook height is increased by 6'-7" (2 m).

* Lower climbing section after erection.

TS 212.1 = 19'-4 1/4" / 5.9 m

TSV 212 = 2

PEINER SK 315 Radius and Capacity

	Jib	Max. capacity max.		Radius – ft./m Capacity – lbs./mt 2-Part Line max. 17,600 lbs max. 8.0 t															
	≠ E	17,600 lbs 8.0 t	75'-6'' 23	82'-0" 25	985 30	114'-10" 35	131'-3" 40	141'-1" 43	147'-8" 45	157'-6" 48	164'-1 " 50	173'-11" 53	180'-5" 55	190'-3'' 58	196'-10 " 60	206'-8'' 63	213'-3" 65	223'-1" 68	229'-8" 70
L7	229'-8"	9'-4" - 96'-9"	17600	17600	17400	14800	12800	11900	11200	10600	10100	9500	9000	8600	8200	7700	7500	7100	6800
	70.0	2.85 - 29.5 m	8.0	8.0	7.9	6.7	5.8	5.4	5.1	4.8	4.6	4.3	4.1	3.9	3.7	3.5	3.4	3.2	3.1
L6	213'-3"	9'-4" - 105'-0"	17600	17600	17600	16100	13900	13000	12300	11500	11000	10400	9900	9300	8800	8600	8200		
		2.85 - 32.0 m	8.0	8.0	8.0	7.3	6.3	5.9	5.6	5.2	5.0	4.7	4.5	4.2	4.0	3.9	3.7		
L5	196'-10"	9'-4" -117'-9"	17600	17600	17600	17600	15700	14600		13000	12300	11700	11200	10600	10100				
		2.85 - 35.9 m	8.0	8.0	8.0	8.0	7.1	6.6	6.3	5.9	5.6	5.3	5.1	4.8	4.6				
L4		9'-4" - 124'-8"			17600		16800	15400	14800	13900	13200		11900						
		2.85 - 38.0 m	8.0	8.0	8.0	8.0	7.6	7:0	6.7	6.3	6.0	5.6	5.4						
L3		9'-4" - 130'-11"			17600	17600		16300	15400	14600	13900								
		2.85 - 39.9 m	8.0	8.0	8.0	8.0	8.0	7.4	7.0	6.6	6.3								
L2		9'-4" - 131'-11"		17600		17600		16500	15700										
<u></u>		2.85 - 40.2 m	8.0	8.0	8.0	8.0	8.0	7.5	7.1										
L1		9'-4" - 131'-3"		17600		17600													
<u></u>	40.0	2.85 - 40.0 m	8.0	8.0	8.0	8.0	8.0												
1	ft	35,300 lbs				4	-Part I	_ine 💎	n Cal	nax. 3	5,300) lbs			R	adius -	2'-7"	(- 0.8	m)
1	m	16.0 t				•				nax. 10					• • •			(0.0	,
L7			21800	19600	16100	13200	11200	10400	9700	9000	8600	7900	7500	7100	6600	6200	6000	5500	5300
Γ'		3.65 - 14.8 m	9.9	8.9	7.3	6.0	5.1	4.7	4.4	4.1	3.9	3.6	3.4	3.2	3.0	2.8	2.7	2.5	2.4
L6				21600		14600		11500	10800	9900	9500	8800	8400	7700	7500	6800	6600	2.0	2.7
ľ		3.65 - 15.9 m	10.8	9.8	7.9	6.6	5.7	5.2	4.9	4.5	4.3	4.0	3.8	3.5	3.4	3.1	3.0		
L5		12'-0" - 57'-9"			19800	16800		13000	12300	11500	10800	10100	9700	9000	8600	0.1	0.0		
_		3.65 - 17.6 m	12.2	11.1	9.0	7.6	6.5	5.9	5.6	5.2	4.9	4.6	4.4	4.1	3.9				
L4		12'-0" - 61'-0"		26000			15200	14100	13200		11700	10800	10400						
Γ.		3.65 - 18.6 m	13.0	11.8	9.6	8.1	6.9	6.4	6.0	5.6	5.3	4.9	4.7						
L3			30200			18700				12800	12300								
		3.65 - 19.4 m	13.7	12.4	10.1	8.5	7.3	6.7	6.4	5.8	5.6								
L2						19000	16300	15000	14100										
	44.2	3.65 - 19.5 m	13.8	12.5	10.2	8.6	7.4	6.8	6.4										
L1			31700		23600	19800	17000												
	39.2	3.65 - 20.2 m	14.4	13.0	10.7	9.0	7.7												

Speeds

FU 8-160/4	10.2 HP 7.5 kW								
SR 10-190/3	2 x 16.3 HP 2 x 12.0 kW								
K WB 120/4		v = (0.9 rp	2 x 11.4 HP 2 x 8.4 kW					
	HK max. = 705' (215 m) 6 - layers								
		2-Part Line	→ 444 fpm 134 m/min	5 500 lbs 2 500 kg		→ 222 fpm 67 m/min	11 000 lbs 5 000 kg	Total motor output	~140
Type SR WB 66-	台」		→ 276 fpm 84 m/min	9 300 lbs 4 200 kg		→ 138 fpm 42 m/min	18 600 lbs 8 400 kg	SR 10-190/3	HP ∼105
80/4F	•	~	→ 180 fpm 54 m/min	13 900 lbs 6 300 kg		→ 90 fpm 27 m/min	27 800 lbs 12 600 kg		kW
[108 HP] [79 kW]			→ 108 fpm 34 m/min	17 600 lbs 8 000 kg		→ 54 fpm 17 m/min	35 300 lbs 16 000 kg	Connected power	170 kVA

Counterweight

Jib		L 1	L 2	L 3	L 4	L 5	L6	L 7
	BG	30 000 lbs	32 200 lbs	36 600 lbs	39 150 lbs	43 550 lbs	41 350 lbs	45 750 lbs
		13 600 kg	14 600 kg	16 600 kg	17 750 kg	19 750 kg	18 750 kg	20 750 kg
Counterweight	[lbs]	3 x 6 950	2 x 6 950		3 x 6 950	1 x 6 950	2 x 6 950	
		1 x 9 150	2 x 9 150	4 x 9 150	2 x 9 150	4 x 9 150	3 x 9 150	5 x 9 150
	[t]	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

	Designation			Dime	nsions (f	t / m)	Weight	Volume
				ı	b	h	lbs / t	ft ³ / m ³
1	Jib Section III			39.01 11.94	4.99 1.52	7.09 2.16	4 200 1.92	1 386 39.2
2	Jib Section I Section II Section IV Section V Section VI Section VII Jib tip X			39.01 11.89 38.65 11.78 19.19 5.85 35.34 10.77 36.03 10.98 33.33 10.16 3.12 0.95	4.99 1.52 4.99 1.52 4.99 1.52 4.99 1.52 4.99 1.52 4.99 1.52 4.99 1.52 5.02 1.53	5.84 1.78 6.17 1.88 5.41 1.65 5.45 1.66 5.48 1.67 5.32 1.62 1.64 0.50	3 790 1.72 4 320 1.96 1 760 0.80 3 090 1.40 2 470 1.12 1 570 0.71 310 0.14	1 137 32.2 1 190 33.7 519 14.7 961 27.2 985 27.9 853 25.0 25 0.7
3	Turntable with slewing ring support			36.35 11.08 31.99	7.64 2.33 7.64	7.81 2.38 7.81	25 350 11.50 24 030	2 169 61.4 1 911
	Cabin with support and railing			9.75 10.17 3.10	2.33 4.92 1.50	2.38 7.25 2.21	10.90 1 320 0.60	364 10.3
4	Counter jib with hoist winch			38.13 11.62	5.91 1.80	6.00 1.83	14 550 6.60	1 353 38.3
,	Hoist winch	66 WB		7.51 2.29	5.45 1.66	3.28 1.00	5 400 2.45	134 8.4
5	Counterweight	BG		3.94 1.20 3.94 1.20	1.64 0.50 1.64 0.50	9.32 2.84 12.11 3.69	6 950 3.15 9 150 4.15	60 1.4 78 1.7
		TS 212.1		19.52 5.95	7.78 2.37	8.01 2.45	9 130 4.14	1 216 34.4
6	Tower section	TSV 212 with struts		31.17 9.50	9.84 3.00	10.00 3.05	20 330 9.22	3 067 86.9
		TSK 212		6.63 2.02	7.87 2.40	9.84 3.00	6 170 2.80	513 14.5
7	Travelling base, folded	UF 821		41.01 12.5	9.74 2.97	7.05 2.15	35 050 15.90	2 816 79.8
8	Stationary base, folded	U 821	- L	34.55 10.53	9.06 2.76	2.79 0.85	17 130 7.77	873 24.7
9	Central ballast block	BZ		11.48 3.50	4.92 1.50	2.20 0.67	11 020 5.00	124 3.5
10	Foundation pad	BF		9.19 2.80	3.28 1.00	1.87 0.57	8 820 4.00	57 1.6
11	Accessories						4 800 2.17	

For more information, product demonstration, or details on lease and rental plans, please contact your local Terex Towers Distributor.

We reserve the right to amend these specifications at any time without notice. The only warranty applicable is our standard written warranty applicable to the particular product and sale. We make no other warranty, expressed or implied.



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