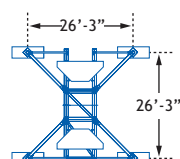
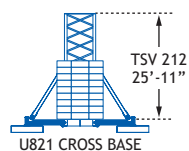


Free-Standing Hook Heights

STANDARD FOUNDATION	
Tower Configuration	Hook Height (ft.)
11 x TS 212 + TSK 212	226'-10"
11 x TS 212	220'-6"
10 x TS 212 + TSK 212	207'-5"
10 x TS 212	201'-1"
9 x TS 212 + TSK 212	188'-1"
9 x TS 212	181'-9"
8 x TS 212 + TSK 212	168'-9"
8 x TS 212	162'-5"
7 x TS 212 + TSK 212	149'-5"
7 x TS 212	143'-1"
6 x TS 212 + TSK 212	130'-0"
6 x TS 212	123'-8"
5 x TS 212 + TSK 212	110'-8"
5 x TS 212	104'-4"
4 x TS 212 + TSK 212	91'-4"
4 x TS 212	85'-0"
3 x TS 212 + TSK 212	71'-11"
3 x TS 212	65'-7"
2 x TS 212 + TSK 212	52'-7"
2 x TS 212	46'-3"

BASE CROSS FOUNDATION	
Tower Configuration	Hook Height (ft.)
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
9 x TS 212 + TSV 212 + TSK 212	216'-11"
9 x TS 212 + TSV 212	210'-7"
8 x TS 212 + TSV 212 + TSK 212	197'-7"
8 x TS 212 + TSV 212	191'-3"
7 x TS 212 + TSV 212 + TSK 212	178'-3"
7 x TS 212 + TSV 212	171'-11"
6 x TS 212 + TSV 212 + TSK 212	158'-11"
6 x TS 212 + TSV 212	152'-7"
5 x TS 212 + TSV 212 + TSK 212	139'-6"
5 x TS 212 + TSV 212	133'-2"
4 x TS 212 + TSV 212 + TSK 212	120'-2"
4 x TS 212 + TSV 212	113'-10"
3 x TS 212 + TSV 212 + TSK 212	105'-0"
3 x TS 212 + TSV 212	98'-8"
2 x TS 212 + TSV 212 + TSK 212	81'-5"
2 x TS 212 + TSV 212	75'-1"

STANDARD FOUNDATION



*Lower climbing unit if utilized.

Tower configurations based on 94 mph wind speeds, out of service and 45 mph in service.

Additional tower configuration and rail traveling information available upon request.

Single Trolley with 2-Part Line

Hook Radius (ft.) 8'-0" (min.)	AVAILABLE JIB LENGTHS IN FEET							
	L8 246'-1"	L7 229'-8"	L6 213'-3"	L5 196'-10"	L4 180'-5"	L3 164'-1"	L2 147'-8"	L1 131'-3"
32'-10"	17640	17640	17640	17640	17640	17640	17640	17640
49'-3"	17640	17640	17640	17640	17640	17640	17640	17640
65'-7"	17640	17640	17640	17640	17640	17640	17640	17640
82'-0"	17640	17640	17640	17640	17640	17640	17640	17640
98'-5"	17640	17640	17640	17640	17640	17640	17640	17640
114'-10"	15964	17331	17640	17640	17640	17640	17640	17640
131'-3"	13693	14906	15810	16736	17640	17640	17640	17640
147'-8"	11951	13031	13847	14663	15479	15876	16537	
164'-1"	10540	11532	12282	13031	13759	14112		
170'-7"	10077	11025	11731	12458	13164			
180'-5"	9415	10319	11003	11686	12348			
187'-0"	9018	9878	10540	11223				
196'-10"	8467	9305	9944	10584				
203'-5"	8136	8952	9570					
213'-3"	7673	8445	9040					
219'-10"	7387	8136						
229'-8"	6990	7717						
236'-3"	6747							
246'-1"	6394							

Double Trolley with 2-Part Line

Hook Radius (ft.) 8'-0" (min.)	AVAILABLE JIB LENGTHS IN FEET							
	L8 246'-1"	L7 229'-8"	L6 213'-3"	L5 196'-10"	L4 180'-5"	L3 164'-1"	L2 147'-8"	L1 131'-3"
32'-10"	17640	17640	17640	17640	17640	17640	17640	17640
49'-3"	17640	17640	17640	17640	17640	17640	17640	17640
65'-7"	17640	17640	17640	17640	17640	17640	17640	17640
82'-0"	17640	17640	17640	17640	17640	17640	17640	17640
98'-5"	17640	17640	17640	17640	17640	17640	17640	17640
114'-10"	15567	16780	17640	17640	17640	17640	17640	17640
131'-3"	13230	14333	15501	16339	17243	17640	17640	17640
147'-8"	11444	12436	13495	14266	15060	15435	16097	
164'-1"	9989	10915	11907	12613	13318	13671		
170'-7"	9505	10386	11356	12039	12723			
180'-5"	8820	9680	10606	11268	11907			
187'-0"	8423	9261	10143	10782				
196'-10"	7850	8666	9504	10143				
203'-5"	7519	8291	9129					
213'-3"	7034	7806	8600					
219'-10"	6747	7497						
229'-8"	6328	7056						
236'-3"	6086							
246'-1"	5733							

Double Trolley with 4-Part Line

Hook Radius (ft.) 8'-0" (min.)	AVAILABLE JIB LENGTHS IN FEET							
	L8 246'-1"	L7 229'-8"	L6 213'-3"	L5 196'-10"	L4 180'-5"	L3 164'-1"	L2 147'-8"	L1 131'-3"
32'-10"	35280	35280	35280	35280	35280	35280	35280	35280
49'-3"	35280	35280	35280	35280	35280	35280	35280	35280
65'-7"	29856	31884	34045	35280	35280	35280	35280	35280
82'-0"	23108	24762	26526	27761	29194	29922	31091	31289
98'-5"	18698	20088	21587	22645	23836	24431	25424	25578
114'-10"	15567	16780	18103	19029	20066	20551	21389	21521
131'-3"	13230	14333	15501	16339	17243	17684	18412	18522
147'-8"	11444	12436	13495	14266	15060	15435	16097	
164'-1"	9989	10915	11907	12613	13318	13671		
170'-7"	9505	10386	11356	12039	12723			
180'-5"	8820	9680	10606	11268	11907			
187'-0"	8423	9261	10143	10782				
196'-10"	7850	8666	9504	10143				
203'-5"	7519	8291	9129					
213'-3"	7034	7806	8600					
219'-10"	6747	7497						
229'-8"	6328	7056						
236'-3"	6086							
246'-1"	5733							

Speeds

TROLLEY DCC 5 112		0 to 312 fpm (0 to 95 m/min)				1 x 14.8 HP / 1 x 11.0 kW	
TRAVEL TSP 2RG 4M9 TSR 2RG 4M8 TSR 4RG 4M8 SR 10-190/3		0 to 164 fpm (0 to 50 m/min) 47 to 95 fpm (14 to 29 m/min) 47 to 95 fpm (14 to 29 m/min) 0 to 120 fpm (0 to 37 m/min)				4 x 12.0 HP / 4 x 9.0 kW 4 x 8.0 HP / 4 x 6.0 kW 4 x 8.0 HP / 4 x 6.0 kW 2 x 16.0 HP / 2 x 12.0 kW	
SWING SSR 4 4 65		0 to .9 rpm				4 x 6.4 HP / 4 x 4.8 kW	
FREQUENCY HOIST UNIT 67 AFC 80 (Vector)		 fpm m/min		 fpm m/min		1 x 90 HP / 1 x 67 kW	
		lbs kg		lbs kg		Total motor output approx. (without travel) 140 HP	
		505 154		253 77			
		249 76		125 38		Connected Power 120 kVA	
		174 53		87 27		Maximum Hook Heights  760 ft 230 m  380 ft 115 m	
		135 41		68 21			

Measured under nominal load at the turntable of the tower crane. Speeds and power calculated using 480 VAC @ 60 Hertz.

Power Requirements

FREQUENCY HOIST UNIT	480 Volts	3-phase	60-cycle	200 Amps
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Dedicated power service recommended.

Counterweight

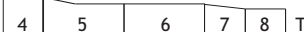
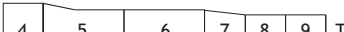
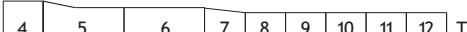
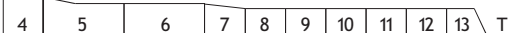
JIB LENGTH	L1	L2	L3	L4	L5	L6	L7	L8
WEIGHT (LBS)	46,305	51,818	57,331	57,331	61,079	62,844	66,592	66,592
C1/E1 COUNTERWEIGHTS	1 x C1 4 x E1	2 x C1 4 x E1	3 x C1 4 x E1	2 x C1 5 x E1	1 x C1 6 x E1	3 x C1 5 x E1	2 x C1 6 x E1	2 x C1 6 x E1
A1/D2 COUNTERWEIGHTS	4 x A1 1 x D2	5 x A1 1 x D2	7 x A1	6 x A1 1 x D2	8 x A1	8 x A1	7 x A1 1 x D2	7 x A1 1 x D2

C1 counterweight = 5,513 lbs. (2,500 kg) E1 counterweight = 9,261 lbs. (4,200 kg) Allowable deviation +2%/-2%

A1 counterweight = 7,872 lbs. (3,570 kg) D2 counterweight = 11,687 lbs. (5,300 kg) Allowable deviation +2%/-2%

Information contained in this specification sheet is of a general nature. Operator's manual should be consulted and adhered to.

Dimensions and Weights

ITEM	ILLUSTRATION	LENGTH	WIDTH	HEIGHT	WEIGHT lbs.	ASSEMBLED COMPONENTS
TS212 Anchor Stools		3'-2"	2'-0"	2'-0"	850	 Outer jib for 131'-3" hook radius - 83'-8" - 14,333 lbs.
TS213 Anchor Stools		5'-5"	2'-2"	2'-2"	1,100	
U821 Base Cross		34'-7"	9'-1"	2'-9"	17,133	 Outer jib for 147'-8" hook radius - 100'-1" - 16,097 lbs.
TSV 212.1 Tower Section for U821 Cross		31'-2"	9'-10"	10'-0"	20,500	
TS 213 Tower Section		19'-6"	8'-0"	8'-0"	9,950	 Outer jib for 164'-1" hook radius - 116'-2" - 17,861 lbs.
TSU 213/212 Tower Transition Section		19'-6"	8'-0"	8'-0"	9,750	
TS 212 Tower Section		19'-6"	8'-0"	8'-0"	9,300	 Outer jib for 180'-5" hook radius - 132'-7" - 19,184 lbs.
TSK 212 Tower Section		8'-0"	9'-10"	6'-8"	6,175	
GV 211/212 Tie-in Collar		12'-2"	10'-2"	1'-7"	3,200	 Outer jib for 196'-10" hook radius - 148'-11" - 20,286 lbs.
SE 213/212 (w/items inside)		29'-3"	11'-6"	11'-6"	25,850	
Complete TS212 slewing unit		7'-7"	9'-9"	6'-7"	18,566	 Outer jib for 213'-3" hook radius - 165'-4" - 21,168 lbs.
Cab Tower Section for LX Cabin		6'-7"	7'-7"	11'-10"	4,631	
LX Cabin		5'-4"	3'-7"	6'-11"	1,411	 Outer jib for 229'-8" hook radius - 181'-9" - 22,712 lbs.
Counterjib - C5		39'-4"	6'-11"	2'-4"	6,610	
Counterweight - E1		4'-0"	8'-11"	14'-6"	9,261	 Outer jib for 246'-1" hook radius - 198'-2" - 22,050 lbs.
Counterweight - C1		4'-0"	8'-11"	8'-8"	5,510	
2/4 Part Combination Trolley		8'-0"	7'-1"	3'-10"	1,080	
Combination Load Block		1'-12"	3'-11"	6'-7"	2,070	
Jib Section No. 14		39'-3"	6'-4"	8'-2"	16,979	
Jib Section No. 15		33'-6"	6'-2"	8'-3"	8,600	
Jib Section No. 4		17'-8"	6'-2"	8'-4"	3,970	
Jib Section No. 5		33'-9"	6'-2"	8'-4"	5,950	
Jib Section No. 6		33'-9"	6'-2"	7'-2"	4,300	
Jib Section No. 7		17'-4"	6'-2"	7'-2"	1,985	
Jib Section No. 8		17'-3"	6'-2"	6'-1"	1,760	
Jib Section No. 9		17'-2"	6'-2"	6'-1"	2,095	
Jib Section No. 10		17'-0"	6'-2"	6'-1"	1,150	
Jib Section No. 11		16'-11"	6'-2"	6'-1"	1,014	
Jib Section No. 12		16'-10"	6'-2"	6'-1"	840	
Jib Section No. 13		16'-9"	6'-2"	6'-1"	730	
Jib Tip		7'-5"	7'-2"	4'-10"	485	
Power Cable		3'-4"	3'-4"	3'-6"	600	

*Any printed weights should be confirmed in the field and adjustments made to lifting equipment if required. Images within this specification sheet are not to scale.

*The operators manual should be used for crane assembly/disassembly. Sizes and weights shown herein are for general illustration and are approximate in scope.

Consult operating manual for erection instructions.