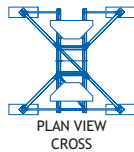


238'-10"

18'-8"

STANDARD FOUNDATION



### Free-Standing Hook Heights\*

STANDARD FOUNDATION	
Tower Configuration	Hook Height
13 x X23D	238'-10"
12 x X23D + 1 x X23E	230'-8"
12 x X23D	220'-2"
11 x X23D + 1 x X23E	211'-11"
11 x X23D	201'-5"
10 x X23D + 1 x X23E	193'-3"
10 x X23D	182'-9"
9 x X23D + 1 x X23E	174'-6"
9 x X23D	164'-1"
8 x X23D + 1 x X23E	155'-10"
8 x X23D	145'-4"
7 x X23D + 1 x X23E	137'-2"
7 x X23D	126'-8"
6 x X23D + 1 x X23E	118'-5"
6 x X23D	107'-11"
5 x X23D + 1 x X23E	99'-9"
5 x X23D	89'-3"
4 x X23D + 1 x X23E	81'-0"
4 x X23D	70'-6"
3 x X23D + 1 x X23E	62'-4"
3 x X23D	51'-10"
2 x X23D + 1 x X23E	43'-8"
2 x X23D	33'-2"

\* Hook heights based on configuration with 2-part hook block. Subtract 1'-11" for 4-part hook block. X23E section MUST be installed for any top climbing applications.

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

Additional tower configuration and information available upon request.

### 2-Part Line

Hook Radius 8'-2" (min)		AVAILABLE JIB LENGTHS							
		L8 262'-6"	L7 246'-1"	L6 229'-8"	L5 213'-3"	L4 196'-10"	L3 180'-5"	L2 164'-0"	L1 131'-3"
82'-0"	lbs	27560	27560	27560	27560	27560	27560	27560	27560
98'-5"	lbs	24920	27560	27560	27560	27560	27560	27560	27560
114'-10"	lbs	20640	24390	27430	27560	27560	27560	27560	27560
131'-3"	lbs	17460	20730	23370	24650	25090	25380	25150	24255
139'-5"	lbs	16162	19227	21719	22932	23328	23593	23395	
147'-8"	lbs	15020	17900	20240	21380	21785	22025	21830	
155'-10"	lbs	14000	16735	18940	20021	20396	20616	20440	
164'-0"	lbs	13075	15680	17770	18780	19140	19360	19180	
180'-5"	lbs	11490	13850	15740	16670	17000	17199		
196'-10"	lbs	10190	12350	14020	14920	15210			
213'-3"	lbs	9085	11070	12670	13450				
229'-8"	lbs	8140	9990	11460					
246'-1"	lbs	7320	9040						
262'-6"	lbs	6615							

### 4-Part Line

Hook Radius 11'-6" (min)		AVAILABLE JIB LENGTHS							
		L8 262'-6"	L7 246'-1"	L6 229'-8"	L5 213'-3"	L4 196'-10"	L3 180'-5"	L2 164'-0"	L1 131'-3"
45'-11"	lbs	55125	55125	55125	55125	55125	55125	55125	55125
62'-4"	lbs	40219	47407	53206	55125	55125	55125	55125	55125
78'-9"	lbs	29855	35456	39954	42159	42909	43394	42997	41469
95'-2"	lbs	23240	27827	31531	33317	33934	34331	34023	32739
111'-7"	lbs	18676	22557	25688	27209	27716	28047	27783	26720
127'-11"	lbs	15325	18676	21388	22711	23152	23461	23218	22289
144'-4"	lbs	12745	15721	18103	19271	19668	19933	19712	
160'-9"	lbs	10716	13362	15523	16559	16912	17132	16956	
177'-2"	lbs	9085	11466	13406	14354	14685	14883		
193'-7"	lbs	7717	9900	11686	12546	12833			
210'-0"	lbs	6570	8599	10231	11025				
226'-5"	lbs	5600	7474	8974					
242'-9"	lbs	4762	6504						
259'-2"	lbs	4035							

## Speeds

<b>HOIST UNIT (STANDARD) H100FL63-820</b> 135hp - 100kW AC	2-PART LINE			4-PART LINE		
	Gear	Capacity	Line Speed	Gear	Capacity	Line Speed
	1	27,562 lbs 12,500 kg	40 fpm 12 m/min	1	55,125 lbs 25,000 kg	20 fpm 6 m/min
	2	27,562 lbs 12,500 kg	125 fpm 37.5 m/min	2	55,125 lbs 25,000 kg	62 fpm 18.75 m/min
	3	13,780 lbs 6,250 kg	250 fpm 75 m/min	3	27,562 lbs 12,500 kg	124 fpm 37.5 m/min
	4	8,379 lbs 3,800 kg	375 fpm 112.5 m/min	4	16,758 lbs 7,600 kg	185 fpm 56 m/min
5	4,410 lbs 2,000 kg	500 fpm 150 m/min	5	8,818 lbs 4,000 kg	248 fpm 75 m/min	
Drum Capacity - 2296 ft - 5 layers						
SWING	Quantity		Power		Speed	
	4		10 hp each 7.5 kW each		1.0 rpm	
TROLLEY	1 (VFD)		15 hp 11 kW		331 fpm 100 m/min	

## Power Requirements

STANDARD HOIST UNIT	480 Volts	3-phase	60-cycle	350 Amps
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Dedicated power service recommended.



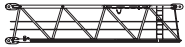
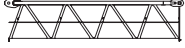


























## Counterweight

JIB LENGTH	L1	L2	L3	L4	L5	L6	L7	L8
WEIGHT	37,479 lbs	52,911 lbs	55,116 lbs	63,934 lbs	70,548 lbs	72,753 lbs	74,957 lbs	77,162 lbs
PHZ4000	3	1	0	1	3	2	1	0
PHZ5000	1	4	5	5	4	5	6	7

PHZ4000 weighs 8,818 lbs (4,000 kg). PHZ5000 weighs 11,023 lbs (5,600 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
Counter-jib 1		38'-0"	6'-11"	8'-4"	15,800 lbs
Counter-jib 2 <i>(including handrails &amp; platforms)</i>		38'-7"	6'-2"	1'-11"	12,800 lbs
Jib 1		34'-1"	7'-1"	8'-5"	17,500 lbs
Jib 2 <i>(including trolley mechanism)</i>		34'-1"	6'-3"	8'-0"	14,200 lbs
Jib 3		34'-5"	6'-3"	8'-2"	8600 lbs
Jib 4		34'-1"	6'-3"	7'-11"	6500 lbs
Jib 5		34'-1"	6'-3"	7'-9"	4900 lbs
Jib 6		33'-10"	6'-3"	7'-7"	3600 lbs
Jib 7		17'-1"	6'-3"	6'-0"	1400 lbs
Jib 8		17'-1"	6'-3"	6'-0"	1100 lbs
Jib 9		17'-1"	6'-3"	5'-10"	1000 lbs
Jib 10		16'-5"	6'-3"	5'-10"	900 lbs
Jib Tip		4'-11"	7'-1"	5'-3"	600 lbs
Counterweight PHZ5000		4'-9"	1'-6"	10'-6"	11,023 lbs
Counterweight PHZ4000		4'-9"	1'-6"	8'-6"	8818 lbs
Trolley - 2 Part		7'-1"	7'-2"	4'-2"	1300 lbs
Trolley - 4 Part		14'-2"	7'-2"	4'-2"	2600 lbs
Hook - 2 Part		4'-2"	1'-5"	5'-11"	1500 lbs
Hook - 4 Part		6'-3"	1'-5"	7'-10"	2200 lbs
Turntable - Upper		9'-4"	5'-3"	8'-0"	16,200 lbs
Turntable - Lower		8'-6"	4'-6"	8'-2"	9800 lbs
Tower Head		10'-10"	7'-10"	7'-7"	6800 lbs
X23E Tower Section		10'-8"	7'-6"	7'-6"	8200 lbs
X23D Tower Section		19'-8"	7'-6"	7'-6"	13,600 lbs
Climbing Section		38'-0"	15'-1"	15'-1"	29,100 lbs
Hoisting Mechanism <i>(not including hoist rope)</i>		7'-5"	8'-0"	4'-2"	15,800 lbs
Trolley Mechanism		5'-1"	2'-7"	2'-11"	1600 lbs
Operator Cabin		7'-3"	4'-11"	7'-6"	3000 lbs
Electrical Cabinet		7'-2"	4'-3"	7'-6"	3000 lbs
Anchor Stools		7'-0"	2'-0"	1'-9"	1325 lbs