

Stafford Tower Crane of America, LLC

Tower Quote SK415

Quote Number:	03162016TC Rev 1	Date:	2/8/2018	Contact:	Stafford
Company Name:	Sundt	Type of Ownership:	Corporation		
Company Contact:		Mailing Address:	Suite		
Title:		City/State:	Phoenix, AZ	Zip Code:	
Office Phone #:		Email:			
Cell Phone#:		General Contractor (if different):	N/A		
Project Name:	Sundt Casino Project	Owner Name:			
Project Address:		City/State:		Zip Code:	
Delivery/Erection Date:		Guaranteed minimum monthly rental:	16	Equipment Service Agreement?:	Yes
This agreement is for one (1) Tower Crane for the project listed above		<u>Peiner SK415-10 Tower Crane part line or similar</u>		Total Estimated Rental Period Cost:	\$767,260.00
Insured Value:	\$750,000.00	Serial #:	tbd	Total Rental Period Cost subject to applicable federal, state, county and local taxes. Does not include DIRECT CUSTOMER RELATED COSTS.	
Jib Lengths:	185 ft	Height under hook :	188 feet	Hook Working Radius	196 ft OR 213 ft
Tower Section Type:	TS 212 x10	Foundation:	Anchors	Foundation Size: 29x29x4.8ft, approx.	
Capacity, 2 part line:	22,025 lbs max. 14,315 lbs @ 196 or 11,670 lbs @ 213 ft		Hours per Month: 220		

RENTAL COSTS - MONTHLY		ONE TIME COSTS		DIRECT CUSTOMER RELATED COSTS	
Rental Rate per month	\$17,500.00	Erection	\$19,000.00	OSHA Permit App. Fee, if required	N/A
Maintenance Agreement	\$1,000.00	Assist Crane 85 ft radius, 85% chart	\$25,000.00	Non destructive testing, if requested	N/A
Voice com	N/A	Technician for Erection	\$3,000.00	OSHA Inspection included if required	N/A
Personal Property Tax	N/A	Dismantle	\$19,000.00		
Landing gates and wings	N/A	Assist Crane Dismantle 85 ft/r, 85%	\$25,000.00	Crane Certification	Included
Cable replacement(normal)	Included	Technician for Dismantle	\$3,000.00		
Ballast Blocks	N/A	Climb - (10) times @ \$18,000 each	n/a	Monthly 3rd party insp. (option)	N/A
Operator Hrs. - Reg. Rate	\$85.00	Freight Inbound - (12 loads)	\$14,500.00	Crane blockouts	DPR
- # of hours per month	173	Freight Outbound -(12 loads)	\$14,500.00	Street closure	DPR
- Total per month	\$14,705.00	Tech + crane for anchor setting/40 ft/r	\$6,000.00	Crane Tie-in resteel/reinforce	N/A
Operator Hrs. - OT Rate	\$115.00	Stamped foundation Design	\$3,500.00	Crane Tie-in floor shoe bolts & sleeves	n/a
- # of hours per month	47	Anchors -	\$12,000.00	Foundation cap concrete & rebar	DPR
- Total per month	\$5,405.00	Test weights x 2	\$500.00	Foundation caissons if required	DPR
Aviation lights	N/A	Retorque after installation, \$1,500	\$1,500.00	480 volt power supply panel (Sundt)	DPR
Working Lights	N/A	3rd party inspection	\$3,000.00	Beacon light per FAA determination	DPR
Total Monthly Rental Costs -	\$38,610.00	Total One Time Costs -	\$149,500.00	Total Direct Customer Related Costs -	\$0.00

Monthly rental rate excludes all applicable taxes, licenses, fees and permits (i.e. OSHA Permit). Customer shall pay the rental on the first of each rental month in advance, without offset or counterclaim to Stafford Tower Crane of America, LLC. Rental period shall begin upon initial shipment from the designated delivery yard to the Customer, but not later than fifteen (15) days from the guaranteed rental start date, unless the delay is caused by Stafford Tower Crane of America, LLC's sole fault. Rent shall end upon return of all equipment to Stafford Tower Crane of America, LLC's return yard. Direct Customer Related Costs are estimated based on Stafford Tower Crane of America, LLC's approximation of these fees. The Customer is responsible for direct payment of any Direct Customer Related Costs. * Customer shall pay increased rental of 50 dollars per hour over (220) on hourly basis if use is greater.

All amounts, including lump sum amounts, are exclusive of applicable sales/use tax. If project is tax exempt, documentation of tax exemption must be submitted within ten (10) days of contract signing. If no tax exemption form is received, project will be taxed per project site tax rates. This quote is contingent upon equipment availability. Availability will be determined upon return of signed quote to Stafford Tower Crane of America, LLC.

CUSTOMER:	Sundt	BY:	STAFFORD TOWER CRANE OF AMERICA, LLC
Signed Name:	_____	Signed Name:	_____
Printed Name:	_____	Printed Name:	_____
Title: _____	Date: _____	Title: _____	Date: _____

- Addendum B - Terms and Conditions
- Addendum C - Equipment Service Agreement
- Addendum D - Crane Data Sheet

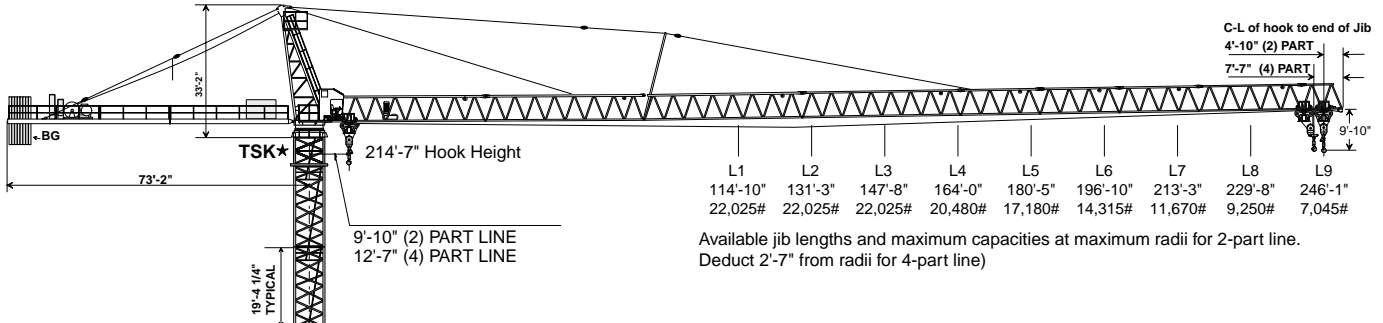
Rental rate starts date that crane is load tested by Stafford Tower crane
 Rental rate ends on date of crane dismantle.
 Technician cost at \$95.00 per hour, travel expenses charged.



PEINER SK 415

Hammerhead Tower Crane
22,025 – 44,050 lbs. (10 – 20 t)
Lifting Capacity*

SPECIFICATIONS



HOOK HEIGHT TABLE

★Version "A" (Without TSK 212 Section)		Version "A" (With TSK 212 Section)		Cross and Rail Mount (Without TSK 212 Section)	
TOWER TYPE	HOOK HEIGHT ft/m	TOWER TYPE	HOOK HEIGHT ft/m	TOWER TYPE	HOOK HEIGHT ft/m
11 x TS 212.1	208'-0"/63.4m**	11 x TS 212.1	214'-7"/65.4m**	1 x TSV 212	218'-6"/66.6m**
10 x TS 212.1	188'-8"/57.5m	10 x TS 212.1	195'-3"/59.5m	10 x TS 212.1	1 x TSV 212
9 x TS 212.1	169'-3"/51.6m	9 x TS 212.1	175'-10"/53.6m	9 x TS 212.1	199'-2"/60.7m
8 x TS 212.1	149'-11"/45.7m	8 x TS 212.1	156'-6"/47.7m	9 x TS 212.1	1 x TSV 212
7 x TS 212.1	130'-7"/39.8m	7 x TS 212.1	137'-2"/41.8m	8 x TS 212.1	179'-9"/54.8m
6 x TS 212.1	111'-3"/33.9m	6 x TS 212.1	117'-10"/35.9m	8 x TS 212.1	1 x TSV 212
5 x TS 212.1	91'-10"/28.0m	5 x TS 212.1	98'-5"/30.0m	7 x TS 212.1	160'-5"/48.9m
4 x TS 212.1	72'-6"/22.1m	4 x TS 212.1	79'-1"/24.1m	7 x TS 212.1	1 x TSV 212
3 x TS 212.1	53'-2"/16.2m	3 x TS 212.1	59'-9"/18.2m	6 x TS 212.1	141'-1"/43.0m
2 x TS 212.1	33'-10"/10.3m	2 x TS 212.1	40'-5"/12.3m	6 x TS 212.1	1 x TSV 212
The above uses standard FF 212 anchor stools.					
<p>★TSK 212 section MUST be installed for any top climbing applications.</p> <p>**Lower climbing unit if utilized.</p> <p>Tower configurations based on 95 mph wind speeds.</p>					
				<p>NOTE: ADD 6' 7" TO THE ABOVE HOOK HEIGHT IF TSK 212 SECTION IS UTILIZED.</p>	

*Optional hoist winches allow maximum capacities to be increased to 25,555 – 55,115 lbs. (12.5 – 25.0 t) lifting capacity. Contact factory for details.



2-PART LINE WB 76-100/4F ~108 HP (76 kW) Hoist Winch

(pounds / feet)

(metric tons / meters)

Hook Radius [ft.]	AVAILABLE JIB LENGTHS IN FEET								
	L9	L8	L7	L6	L5	L4	L3	L2	L1
▼	246	229.6	213.2	196.8	180.4	164	147.6	131.2	114.8
9.8	22025	22025	22025	22025	22025	22025	22025	22025	22025
101.7	22025	22025	22025	22025	22025	22025	22025	22025	22025
105.0	21880	22025	22025	22025	22025	22025	22025	22025	22025
108.2	21085	22025	22025	22025	22025	22025	22025	22025	22025
111.5	20340	22025	22025	22025	22025	22025	22025	22025	22025
114.8	19635	22025	22025	22025	22025	22025	22025	22025	22025
118.1	18975	21770	22025	22025	22025	22025	22025	22025	
121.4	18350	21065	22025	22025	22025	22025	22025	22025	
124.6	17755	20400	22025	22025	22025	22025	22025	22025	
127.9	17195	19770	22025	22025	22025	22025	22025	22025	
131.2	16660	19170	21480	22025	22025	22025	22025	22025	
134.5	16155	18605	20855	22025	22025	22025	22025		
137.8	15670	18060	20260	22025	22025	22025	22025		
141.0	15215	17545	19695	21575	22025	22025	22025		
144.3	14775	17055	19150	20990	22025	22025	22025		
147.6	14355	16585	18635	20430	21905	22025	22025		
150.9	13955	16135	18140	19900	21335	22025			
154.2	13575	15705	17665	19385	20795	22025			
157.4	13210	15295	17215	18900	20275	21505			
160.7	12855	14900	16780	18430	19780	20985			
164.0	12520	14520	16365	17980	19300	20480			
167.3	12195	14160	15965	17545	18840				
170.6	11885	13810	15580	17130	18400				
173.8	11585	13475	15210	16735	17980				
177.1	11300	13150	14855	16350	17570				
180.4	11020	12840	14510	15980	17180				
183.7	10755	12540	14180	15620					
187.0	10495	12250	13865	15275					
190.2	10250	11970	13555	14945					
193.5	10010	11700	13260	14625					
196.8	9775	11440	12970	14315					
200.1	9550	11190	12695						
203.4	9335	10945	12425						
206.6	9125	10710	12165						
209.9	8920	10480	11915						
213.2	8725	10260	11670						
216.5	8535	10045							
219.8	8350	9835							
223.0	8170	9635							
226.3	7995	9440							
229.6	7825	9250							
229.6	7825	9250							
232.9	7660								
236.2	7500								
239.4	7345								
242.7	7195								
246.0	7045								

Hook Radius [m.]	AVAILABLE JIB LENGTHS IN METERS								
	L9 (75m)	L8 (70m)	L7 (65m)	L6 (60m)	L5 (55m)	L4 (50m)	L3 (45m)	L2 (40m)	L1 (35m)
▼									
3.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
31.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
32.00	9.93	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
33.00	9.57	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
34.00	9.23	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
35.00	8.92	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
36.00	8.62	9.88	10.00	10.00	10.00	10.00	10.00	10.00	
37.00	8.33	9.57	10.00	10.00	10.00	10.00	10.00	10.00	
38.00	8.06	9.26	10.00	10.00	10.00	10.00	10.00	10.00	
39.00	7.81	8.98	10.00	10.00	10.00	10.00	10.00	10.00	
40.00	7.56	8.70	9.75	10.00	10.00	10.00	10.00	10.00	
41.00	7.34	8.45	9.47	10.00	10.00	10.00	10.00		
42.00	7.12	8.20	9.20	10.00	10.00	10.00	10.00		
43.00	6.91	7.97	8.94	9.80	10.00	10.00	10.00		
44.00	6.71	7.74	8.70	9.53	10.00	10.00	10.00		
45.00	6.52	7.53	8.46	9.28	9.94	10.00	10.00		
46.00	6.34	7.33	8.24	9.03	9.69	10.00			
47.00	6.16	7.13	8.02	8.80	9.44	10.00			
48.00	6.00	6.94	7.82	8.58	9.21	9.77			
49.00	5.84	6.77	7.62	8.37	8.98	9.53			
50.00	5.69	6.59	7.43	8.16	8.76	9.30			
51.00	5.54	6.43	7.25	7.97	8.56				
52.00	5.40	6.27	7.07	7.78	8.36				
53.00	5.26	6.12	6.91	7.60	8.16				
54.00	5.13	5.97	6.74	7.42	7.98				
55.00	5.01	5.83	6.59	7.26	7.80				
56.00	4.88	5.69	6.44	7.09					
57.00	4.77	5.56	6.29	6.94					
58.00	4.65	5.44	6.16	6.79					
59.00	4.55	5.31	6.02	6.64					
60.00	4.44	5.20	5.89	6.50					
61.00	4.34	5.08	5.76						
62.00	4.24	4.97	5.64						
63.00	4.14	4.86	5.52						
64.00	4.05	4.76	5.41						
65.00	3.96	4.66	5.30						
66.00	3.88	4.56							
67.00	3.79	4.47							
68.00	3.71	4.38							
69.00	3.63	4.29							
70.00	3.55	4.20							
70.00	3.55	4.20							
71.00	3.48								
72.00	3.41								
73.00	3.34								
74.00	3.27								
75.00	3.20								

"A"	7045	9250	11670	14315	17180	20480	22025	22025	22025
"B"	246	229.6	213.2	196.8	180.4	164	147.6	131.2	114.8
"C"	103.6	116.8	128.5	139.1	147.6	155.1	147.6	131.2	114.8

"A"	3.2	4.2	5.3	6.5	7.8	9.3	10	10	10
"B"	75	70	65	60	55	50	45	40	35
"C"	31.6	35.6	39.2	42.4	45.0	47.3	45	40	35

"A"= Load at maximum radius (pounds)

"B"= Maximum radius (feet)

"C"= Radius with maximum load (feet)

"A"= Load at maximum radius (metric tons)

"B"= Maximum radius (meters)

"C"= Radius with maximum load (meters)



4-PART LINE WB 76-100/4F ~108 HP (76 kW) Hoist Winch
(pounds / feet)

(metric tons / meters)

Hook Radius [ft]	AVAILABLE JIB LENGTHS IN FEET								
	L9	L8	L7	L6	L5	L4	L3	L2	L1
	242.7	226.3	209.9	193.5	177.1	160.7	144.3	127.9	111.5
13.1	44050	44050	44050	44050	44050	44050	44050	44050	44050
55.8	44050	44050	44050	44050	44050	44050	44050	44050	44050
59.0	42605	44050	44050	44050	44050	44050	44050	44050	44050
62.3	39880	44050	44050	44050	44050	44050	44050	44050	44050
65.6	37450	42360	44050	44050	44050	44050	44050	44050	44050
68.9	35260	39925	44050	44050	44050	44050	44050	44050	44050
72.2	33285	37720	41775	44050	44050	44050	44050	44050	44050
75.4	31490	35725	39590	42945	44050	44050	44050	44050	44050
78.7	29850	33900	37600	40805	44050	44050	44050	44050	44050
82.0	28360	32235	35780	38850	41315	44050	44050	44050	44050
85.3	27000	30725	34130	37080	39445	41515	42650	44050	44050
88.6	25750	29335	32605	35440	37715	39710	40800	41510	41740
91.8	24590	28040	31195	33925	36115	38035	39085	39770	39990
95.1	23515	26840	29880	32515	34630	36480	37495	38155	38365
98.4	22510	25725	28660	31205	33245	35030	36015	36650	36855
101.7	21570	24680	27520	29980	31955	33680	34630	35245	35440
105.0	20695	23705	26450	28835	30745	32415	33330	33930	34120
108.2	19875	22785	25450	27755	29610	31230	32115	32695	32880
111.5	19100	21925	24510	26745	28540	30115	30975	31535	31715
111.5	19100	21925	24510	26745	28540	30115	30975	31535	
114.8	18370	21115	23625	25795	27540	29065	29900	30445	
118.1	17685	20350	22785	24900	26590	28075	28885	29415	
121.4	17035	19630	22000	24050	25695	27135	27930	28440	
124.6	16425	18945	21250	23250	24850	26250	27020	27520	
127.9	15840	18300	20545	22490	24050	25415	26160	26650	
127.9	15840	18300	20545	22490	24050	25415	26160		
131.2	15290	17685	19870	21765	23285	24615	25345		
134.5	14765	17100	19235	21080	22565	23860	24575		
137.8	14270	16545	18625	20430	21875	23140	23835		
141.0	13795	16015	18045	19810	21220	22455	23135		
144.3	13340	15510	17495	19215	20595	21800	22465		
144.3	13340	15510	17495	19215	20595	21800			
147.6	12905	15030	16970	18650	20000	21180			
150.9	12495	14570	16465	18110	19425	20580			
154.2	12100	14130	15985	17590	18880	20010			
157.4	11720	13705	15525	17095	18360	19465			
160.7	11355	13305	15080	16620	17860	18940			
160.7	11355	13305	15080	16620	17860				
164.0	11010	12915	14655	16165	17380				
167.3	10675	12540	14250	15730	16915				
170.6	10350	12185	13860	15310	16475				
173.8	10045	11840	13480	14905	16045				
177.1	9745	11510	13120	14515	15635				
177.1	9745	11510	13120	14515					
180.4	9460	11190	12770	14140					
183.7	9185	10885	12435	13780					
187.0	8915	10585	12110	13435					
190.2	8660	10300	11800	13095					
193.5	8410	10025	11495	12775					
193.5	8410	10025	11495						
196.8	8170	9755	11205						
200.1	7940	9500	10920						
203.4	7715	9250	10650						
206.6	7500	9010	10385						
209.9	7290	8775	10130						
209.9	7290	8775							
213.2	7085	8545							
216.5	6890	8325							
219.8	6695	8115							
223.0	6510	7905							
226.3	6330	7705							
226.3	6330								
229.6	6155								
232.9	5985								
236.2	5820								
239.4	5660								
242.7	5505								

Hook Radius [m]	AVAILABLE JIB LENGTHS IN METERS								
	L9	L8	L7	L6	L5	L4	L3	L2	L1
	74(m)	69(m)	64(m)	59(m)	54(m)	49(m)	44(m)	39(m)	34(m)
4.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00
17.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00
18.00	19.34	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00
19.00	18.11	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00
20.00	17.00	19.23	20.00	20.00	20.00	20.00	20.00	20.00	20.00
21.00	16.01	18.13	20.00	20.00	20.00	20.00	20.00	20.00	20.00
22.00	15.11	17.13	18.97	20.00	20.00	20.00	20.00	20.00	20.00
23.00	14.30	16.22	17.98	19.50	20.00	20.00	20.00	20.00	20.00
24.00	13.55	15.39	17.07	18.53	20.00	20.00	20.00	20.00	20.00
25.00	12.88	14.64	16.25	17.64	18.76	20.00	20.00	20.00	20.00
26.00	12.26	13.95	15.50	16.84	17.91	18.85	19.36	20.00	20.00
27.00	11.69	13.32	14.80	16.09	17.12	18.03	18.52	18.85	18.95
28.00	11.17	12.73	14.16	15.40	16.40	17.27	17.75	18.06	18.16
29.00	10.68	12.19	13.57	14.76	15.72	16.56	17.02	17.32	17.42
30.00	10.22	11.68	13.01	14.17	15.09	15.91	16.35	16.64	16.73
31.00	9.79	11.21	12.49	13.61	14.51	15.29	15.72	16.00	16.09
32.00	9.40	10.76	12.01	13.09	13.96	14.72	15.13	15.40	15.49
33.00	9.02	10.35	11.56	12.60	13.44	14.18	14.58	14.84	14.93
34.00	8.67	9.96	11.13	12.14	12.96	13.67	14.06	14.32	14.40
34.00	8.67	9.96	11.13	12.14	12.96	13.67	14.06	14.32	
35.00	8.34	9.59	10.73	11.71	12.50	13.20	13.58	13.82	
36.00	8.03	9.24	10.35	11.30	12.07	12.75	13.12	13.36	
37.00	7.74	8.91	9.99	10.92	11.67	12.32	12.68	12.91	
38.00	7.46	8.60	9.65	10.56	11.28	11.92	12.27	12.50	
39.00	7.19	8.31	9.33	10.21	10.92	11.54	11.88	12.10	
39.00	7.19	8.31	9.33	10.21	10.92	11.54	11.88		
40.00	6.94	8.03	9.02	9.88	10.57	11.18	11.51		
41.00	6.71	7.76	8.73	9.57	10.24	10.83	11.16		
42.00	6.48	7.51	8.46	9.28	9.93	10.51	10.82		
43.00	6.26	7.27	8.19	8.99	9.63	10.20	10.50		
44.00	6.06	7.04	7.94	8.72	9.35	9.90	10.20		
44.00	6.06	7.04	7.94	8.72	9.35	9.90			
45.00	5.86	6.82	7.71	8.47	9.08	9.62			
46.00	5.67	6.62	7.48	8.22	8.82	9.35			
47.00	5.49	6.42	7.26	7.99	8.57	9.09			
48.00	5.32	6.22	7.05	7.76	8.34	8.84			
49.00	5.16	6.04	6.85	7.55	8.11	8.60			
49.00	5.16	6.04	6.85	7.55	8.11				
50.00	5.00	5.86	6.66	7.34	7.89				
51.00	4.85	5.70	6.47	7.14	7.68				
52.00	4.70	5.53	6.29	6.95	7.48				
53.00	4.56	5.38	6.12	6.77	7.29				
54.00	4.43	5.23	5.96	6.59	7.10				
54.00	4.43	5.23	5.96	6.59					
55.00	4.30	5.08	5.80	6.42					
56.00	4.17	4.94	5.65	6.26					
57.00	4.05	4.81	5.50	6.10					
58.00	3.93	4.68	5.36	5.95					
59.00	3.82	4.55	5.22	5.80					
59.00	3.82	4.55	5.22						
60.00	3.71	4.43	5.09						
61.00	3.61	4.31	4.96						
62.00	3.50	4.20	4.84						
63.00	3.41	4.09	4.72						
64.00	3.31	3.98	4.60						
64.00	3.31	3.98							
65.00	3.22	3.88							
66.00	3.13	3.78							
67.00	3.04	3.68							
68.00	2.96	3.59							
69.00	2.88	3.50							
69.00	2.88								
70.00	2.80								
71.00	2.72								
72.00	2.64								
73.00	2.57								
74.00	2.50								

"A"	5505	7705	10130	12775	15635	18940	22465	26650	31715
"B"	242.7	226.3	209.9	193.5	177.1	160.7	144		

FU 8-200/4		0 to 265 fpm / 0 to 80 m/min				1 x 14.2 HP / 1 x 10.5 kW	
SR 10-190/3		0 to 100 fpm / 0 to 30m/min				4 x 11.9 HP / 4 x 8.8 kW	
K WB 120/4		0 to 1 rpm				L1 to L5 Jibs L6 to L9 Jibs	
STANDARD HOIST UNIT SR WB 76-100/4F (108 HP)						Maximun hook heights ft./ m	
		fpm m/min	lbs. kg	fpm m/min	lbs. kg		
		440 134	5500 2500	220 67	11000 5000	820 ft (5 Layers) 250 m	410 ft (5 Layers) 125 m
		275 84	9300 4200	138 42	18600 8400	Total motor output approx. 195 HP Without SR 10-190/3 approx. 148 HP Connected Power 205 kVA	
		177 54	14700 7100	89 27	29400 14200		
		110 34	22000 10000	55 17	44000 20000		

Recommended dedicated service: 440 - 480 VAC 3-Phase 250 amp service. Measured under nominal load at the turntable of the tower crane. Speeds and power calculated using 480VAC @ 60 Hertz.

OPTIONAL HOIST UNIT SR WB 122-125/4F (167 HP)						Maximun hook heights ft./ m	
		fpm m/min	lbs. kg	fpm m/min	lbs. kg		
		440 134	7700 3500	220 67	15400 7000	984 ft (6 Layers) 300 m	492 ft (6 Layers) 150 m
		275 84	13200 6000	138 42	26400 12000	Total motor output approx. 260 HP Without SR 10-190/3 approx. 212 HP Connected Power 290 kVA	
		177 54	22000 10000	89 27	44000 20000		
		110 34	27600 12500	55 17	55200 25000		

Recommended dedicated service: 440 - 480 VAC 3-Phase 300 amp service. Measured under nominal load at the turntable of the tower crane. Speeds and power calculated using 480VAC @ 60 Hertz.

COUNTERWEIGHT (BG) FOR SR WB 76-100/4F OR SR WB 122-125/4F

JIB LENGTH	L1	L2	L3	L4	L5	L6	L7	L8	L9
Lbs.	41010	41010	47845	47845	47845	54680	54680	54680	54680
metric tons	18.6	18.6	21.7	21.7	21.7	24.8	24.8	24.8	24.8
Lbs.	6x6835	6x6835	7x6835	7x6835	7x6835	8x6835	8x6835	8x6835	8x6835
metric tons	6x3.1	6x3.1	7x3.1	7x3.1	7x3.1	8x3.1	8x3.1	8x3.1	8x3.1

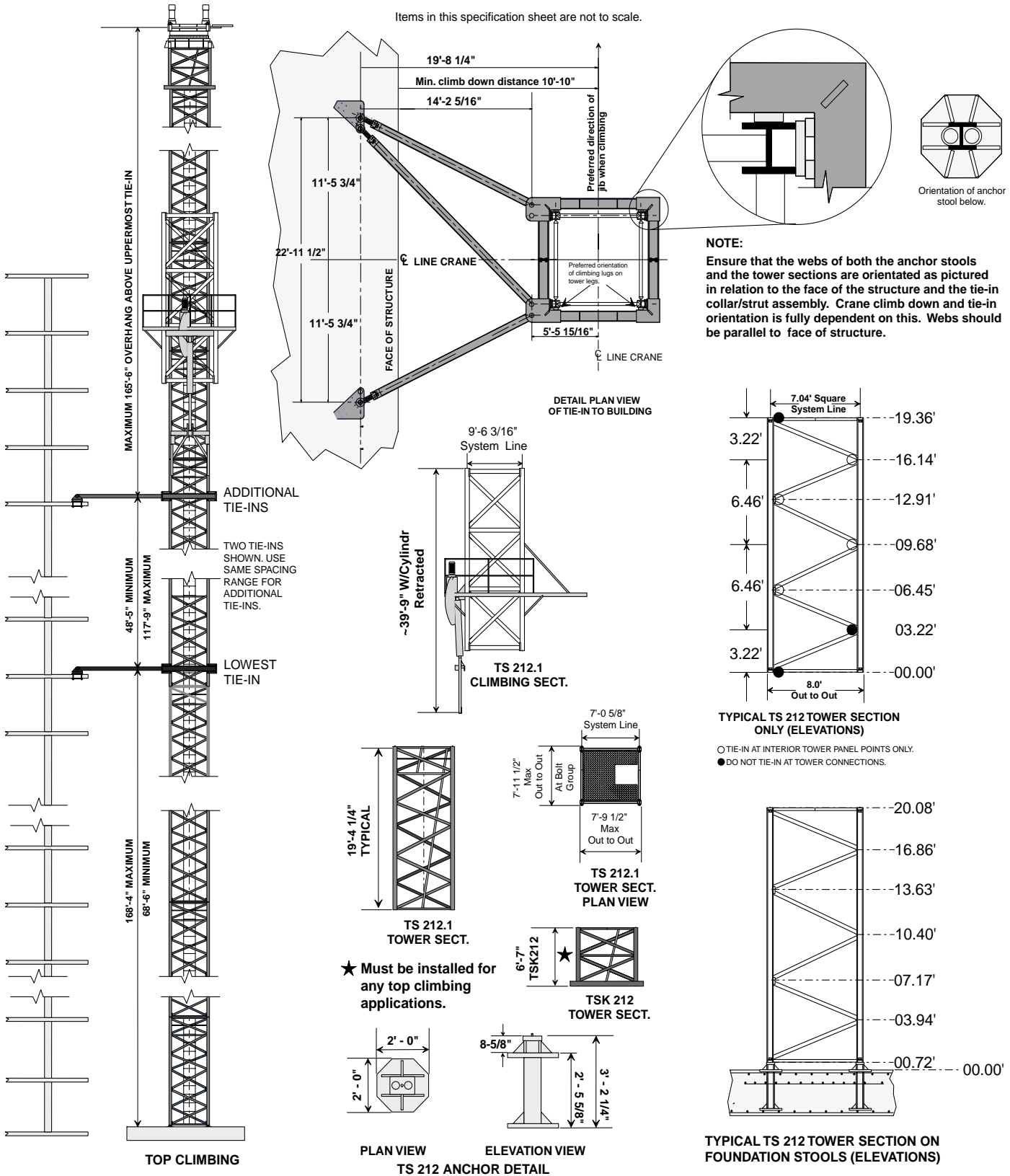
NOTE: Information contained in this specification sheet is of a general nature and Operators Manual should be consulted and adhered to.

Description	Illustration	Dimensions ft. / m.			Weight lbs./ tons (metric)	Assembled Components Information Length and weight in pounds and metric tons*
		L.	W.	H.		
TS 212 and 212.1 Anchor Stools		3'-2" .965m	2'-0" .609m	2'-0" .609m	850lbs. .385t	
TS 213 and 213.1 Anchor Stools		5'-5" 1.65m	2'-2" .66m	2'-2" .66m	1100lbs. .499t	
U821 Base Cross for TS212 & 212.1 Tower		34'-7" 10.54m	9'-1" 2.76m	2'-9" .838m	17,100lbs. 7.76t	
TSV 212.1 Tower Section for U821 cross		31'-2" 9.50m	9'-10" 3.00m	10'-0" 3.05m	20,500lbs. 9.30t	
TS 213 and 213.1 Tower Section		19'-6" 5.94m	8'-0" 2.44m	8'-0" 2.44m	9,950lbs. 4.52t	Inner jib with one trolley, load block, and suspension cables 75'/22.86m - 18,050lbs./7.77t
TS 213 to TS212 Tower Transition Section		19'-6" 5.94	8'-0" 2.44m	8'-0" 2.44m	9,750lbs. 4.42t	
TS 212 and 212.1 Tower Section		19'-6" 5.94m	8'-0" 2.44m	8'-0" 2.44m	9,300lbs. 4.22t	Outer jib for L1 114'-10/35m hook radius with suspension cables 42'/12.80m - 7,960lbs./3.61t
TSK 212 Tower Section		8'-0" 2.44m	9'-10" 3.00m	6'-8" 2.03m	6,175lbs. 2.80t	
TSK 212 Tie-in Collar		12'-2" 3.70m	10'-2" 3.10m	1'-7" 0.48m	3,200lbs. 1.45t	
TS 212 Top Climbing Section (w / items inside)		29'-3" 8.92m	11'-6" 3.50m	11'-6" 3.50m	25,000lbs. 11.34t	
TS 213/212 Top Climbing Section (w / items inside)		29'-3" 8.92m	11'-6" 3.50m	11'-6" 3.50m	25,850lbs. 11.36t	Outer jib for L2 131'-3/40m hook radius with suspension cables 60'/18.29m - 9,960lbs./4.52t
Turntable only w / 3 swing motors		11'-4" 3.45m	7'-8" 2.34m	6'-7" 2.01m	23,850lbs. 10.80t	
Turntable Top portion only w / 3 swing motors		11'-4" 3.45m	7'-8" 2.34m	4'-9" 1.45m	9,350lbs. 4.22t	Outer jib for L3 147'-8/45m hook radius with suspension cables 76'/23.16m - 12,200lbs./5.54t
Turntable Race Bearing only		7'-2" 2.19m	7'-2" 2.19m	0'-6" 0.15m	3,250lbs. 1.40t	
Turntable Lower portion only DA 212		9'-10" 3.00m	7'-8" 2.34m	1'-8" 0.50m	11,250lbs. 4.90t	Outer jib for L4 164'-0/50m hook radius with suspension cables 95'/28.96m - 14,510lbs./6.58t
Operatos Cabin, Catwalk and Electric panel		8'-2" 2.50m	6'-9" 2.06m	8'-6" 2.60m	3,750lbs. 1.730	
Turntable Complete w/cabin and 3 swing motors		17'-2" 5.23m	14'-2" 4.32m	12'-4" 3.75m	27,600lbs. 12.52t	
Towertop w / catwalk and ladder		27'-1" 8.26m	6'-5" 2.00m	6'-6" 2.00m	9,600lbs. 4.36t	
108 HP Machinery Deck w/o wire rope		9'-2" 2.80m	8'-5" 2.57m	5'-7" 1.70m	7,500lbs. 3.40t	
108 HP Machinery Deck w/ Rear portion of Counterjib		38'-1" 11.61	9'-2" 2.80m	6'-7" 2.01m	17,500lbs. 7.94t	
Front portion of Counterjib		31'-10" 9.70	6'-8" 2.03m	5'-7" 1.70m	6,610lbs. 2.30t	
108 HP Counterjib complete less wire rope		69'-11" 21.31	9'-2" 2.80m	6'-7" 2.01m	26,500lbs. 12.02t	Outer jib for L5 180'-5/55m hook radius with suspension cables 111'/33.83m - 15,200lbs./6.90t
Jib Section No. 1 w / Trolley machinery		38'-11" 11.86	6'-6" 2.00m	7'-3" 2.20m	6,650lbs. 3.01t	Outer jib for L6 196'-10/60m hook radius with suspension cables 129'/39.32m - 17,510lbs./7.95t
Jib Section No. 2		40'-6" 12.34	6'-6" 2.00m	7'-3" 2.20m	5,175lbs. 2.35t	Outer jib for L7 213'-3/65m hook radius with suspension cables 145'/44.20m - 17,350lbs./7.87t
Outer Jib Support "A" Frame		21'-7" 6.58	5'-5" 1.65m	4'-8" 1.42m	650lbs. 0.30t	
Jib Section No. 3		38'-10" 11.84	6'-6" 2.00m	7'-7" 2.31m	4,750lbs. 2.16t	Outer jib for L8 229'-8/70m hook radius with suspension cables 163'/49.68m - 19,660lbs./8.92t
Jib Section No. 4		18'-8" 5.69	6'-6" 2.00m	6'-3" 1.91m	2,000lbs. 0.91t	
Jib Section No. 5		35'-0" 10.67	6'-6" 2.00m	6'-11" 2.10m	4,000lbs. 1.82t	
Jib Section No. 6		35'-5" 10.80	6'-6" 2.00m	6'-4" 1.93m	3,000lbs. 1.36t	
Jib Section No. 7		33'-6" 10.21	6'-6" 2.00m	6'-3" 1.91m	2,150lbs. 0.98t	
Jib Section No. 8		17'-1" 5.69	6'-6" 2.00m	6'-2" 1.88m	1,750lbs. 0.80t	
Jib Tip Section		4'-6" 1.37	6'-8" 2.03m	4'-6" 1.37	850lbs. 0.39t	
Single (outer) Trolley for 2-Part Line		7'-4" 2.24m	5'-9" 1.73m	6'-0" 1.83m	1,750lbs. 0.80t	
Single Load Block for 2-Part Line		2'-9" 0.84	1'-0" 0.31m	4'-6" 1.37m	1,200lbs. 0.54t	
Double Trolley for 4-Part Line		14'-8" 4.47m	5'-9" 1.73m	6'-0" 1.83m	3,400lbs. 1.55t	
Dual Load Block for 4-Part Line		5'-6" 1.68	1'-0" 0.31m	4'-6" 1.37m	2,400lbs. 1.09t	
BG Counterweight		14'-8" 4.47m	0'-6" 0.15m	5'-1" 1.55m	6,800lbs. 3.09t	

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

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

Items in this specification sheet are not to scale.



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