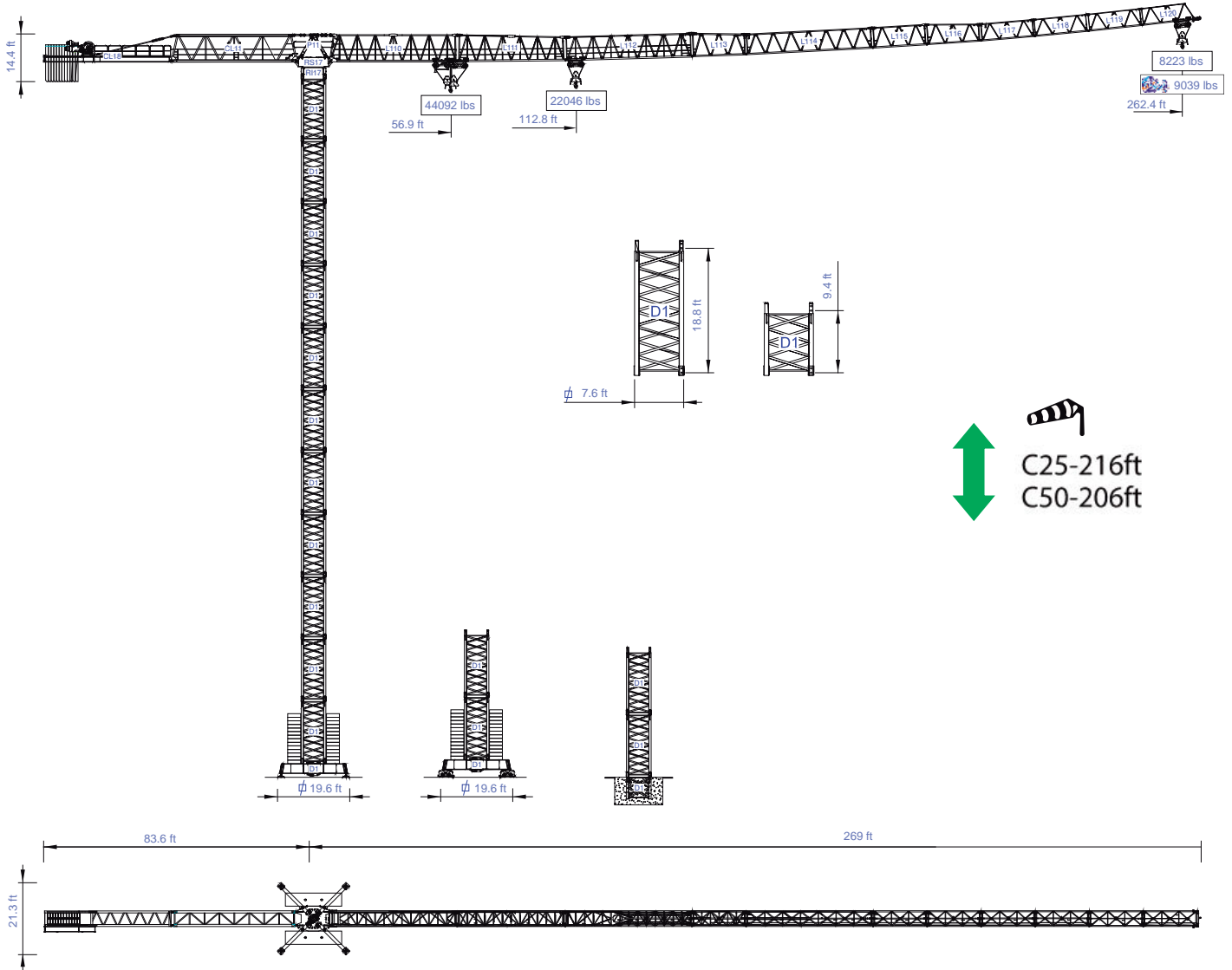




STAFFORD
TOWER CRANES

STF 8041 20t

Data Sheet
Imperial



↑ ↓
C25-216ft
C50-206ft

v.3.000-05/24

Factory & HQ

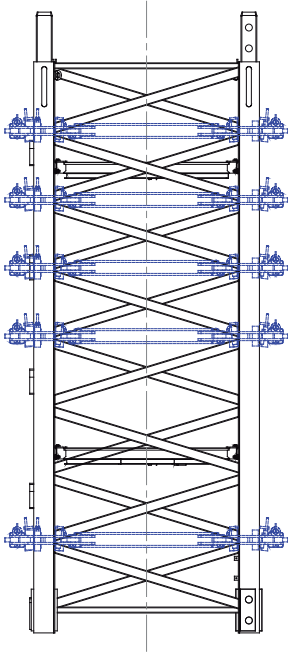
Zona Industrial de Canas de Senhorim - EN 234, 3525-040 Canas de Senhorim - Portugal

+351 232 673 530 sales@staffordtowercranes.com

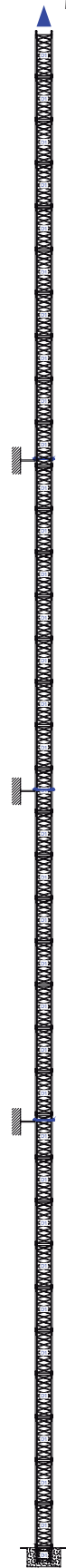
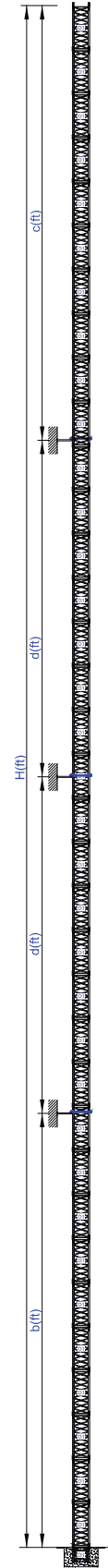
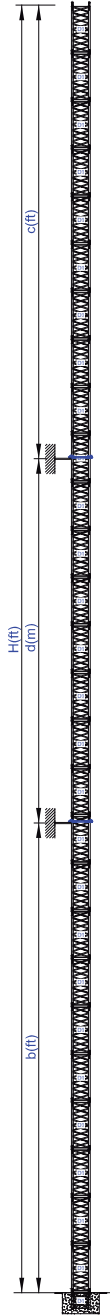
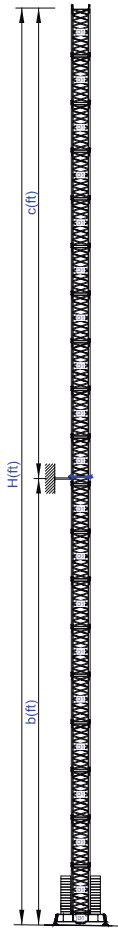
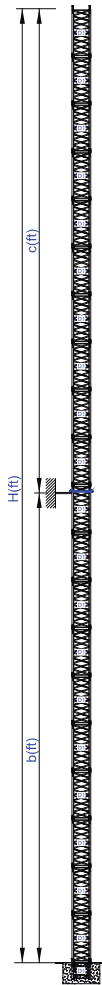
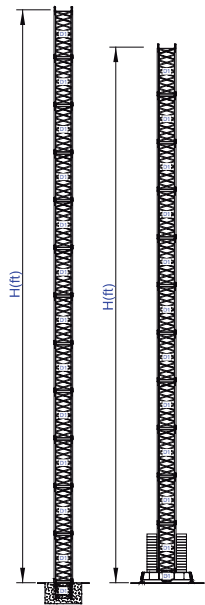
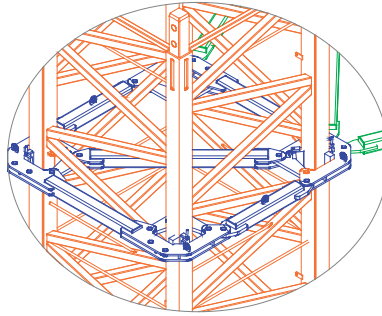
staffordtowercranes.com



Empresa certificada no âmbito da Conceção, Fabrico e Serviço Pós-venda de Gruas Soima e componentes



More options 



More options 



Wind
C25
C50
D50

H
216.5
206.7
167.3

H
216.5
206.7
167.3

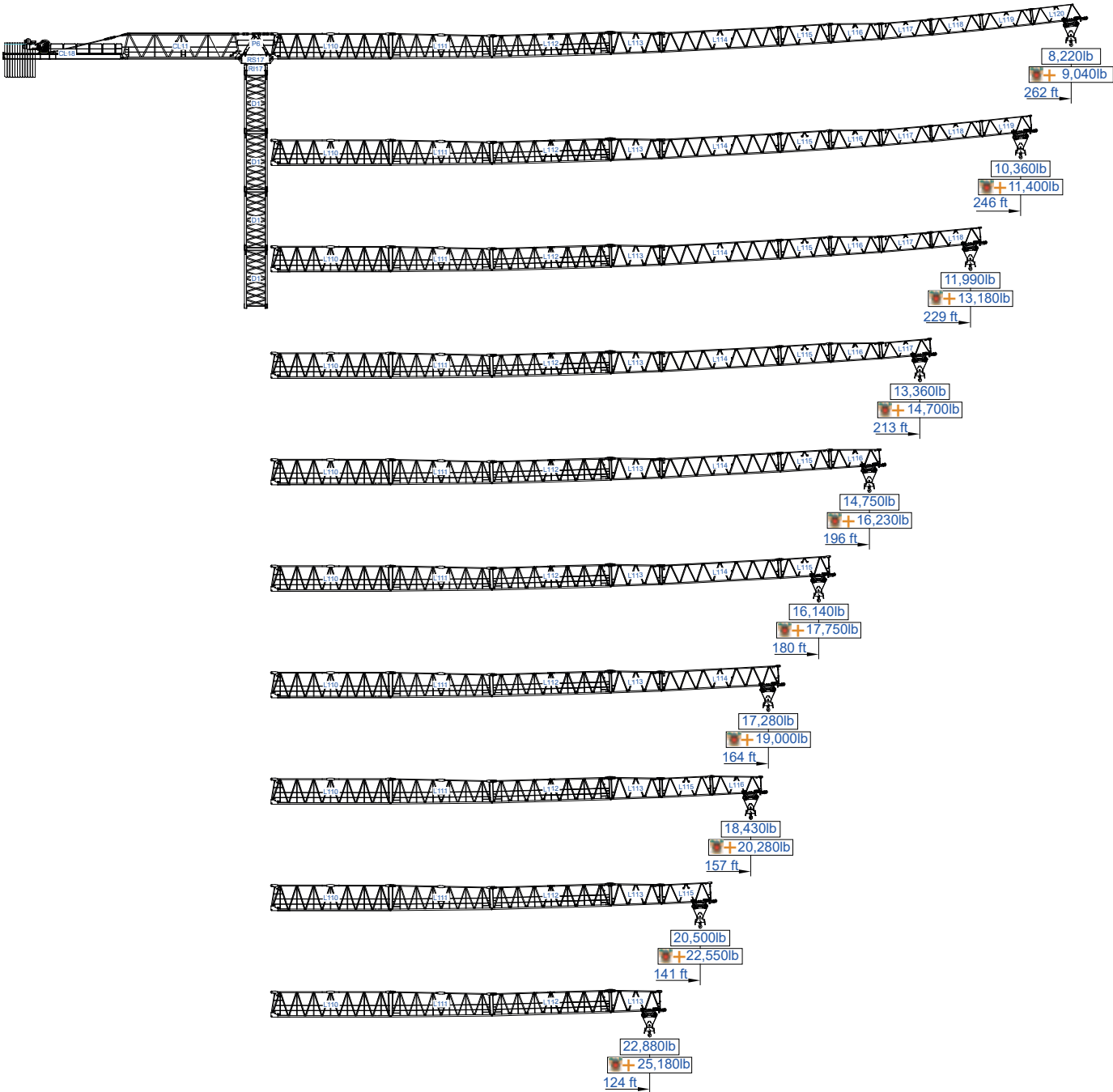
H	b	c
315.0	177.2	137.8
0.0	0.0	0.0
0.0	0.0	0.0

H	b	c
295.3	157.5	137.8
0.0	0.0	0.0
0.0	0.0	0.0

a	b	c	d
413.4	177.2	137.8	98.4
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0

a	b	c	d
511.8	177.2	137.8	98.4
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0





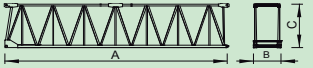
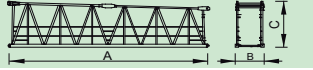
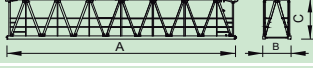
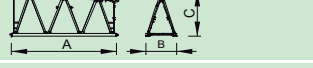

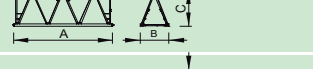
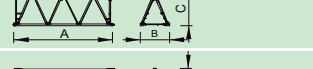
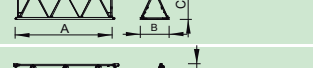
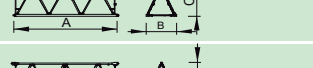
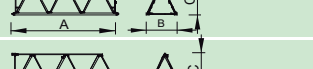
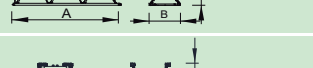
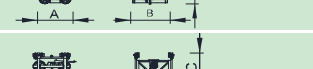
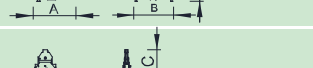
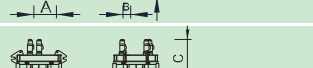
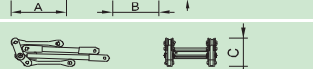

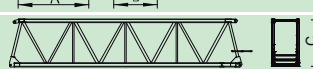


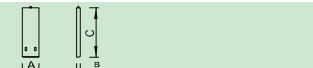
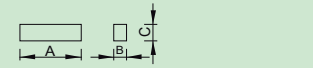

ft	Diagram	Capacity		Load Capacity (lb)																	ft
		4,409lbs	2,204lbs	33	49	66	82	92	108	125	141	157	164	180	197	213	230	246	262		
262	52,911 lbs 1x8,818 lbs 10x4,409 lbs	17.363	187	22,046	22,046	22,046	22,046	22,046	22,046	18,703	17,196	15,168	14,484	12,903	11,797	10,636	9,722	8,929	10,428	lb	
246	52,911 lbs 1x8,818 lbs 10x4,409 lbs	19.61	211	22,046	22,046	22,046	22,046	22,046	22,046	22,046	18,709	17,439	16,645	14,925	13,514	12,302	11,206	10,302			
230	48,502 lbs 1x8,818 lbs 8x4,409 lbs	20.68	222.4	22,046	22,046	22,046	22,046	22,046	22,046	22,046	20,900	18,497	17,681	15,873	14,352	13,095	11,993				
213	48,502 lbs 1x8,818 lbs 8x4,409 lbs	21.05	226.7	22,046	22,046	22,046	22,046	22,046	22,046	22,046	21,319	18,872	18,034	16,182	14,681	13,380					
197	44,092 lbs 1x8,818 lbs 8x4,409 lbs	21.17	228	22,046	22,046	22,046	22,046	22,046	22,046	22,046	21,431	18,982	18,144	16,292	14,749						
180	39,683 lbs 1x8,818 lbs 7x4,409 lbs	20.99	226	22,046	22,046	22,046	22,046	22,046	22,046	22,046	21,253	18,805	17,966	16,136							
164	35,274 lbs 1x8,818 lbs 6x4,409 lbs	20.28	218.2	22,046	22,046	22,046	22,046	22,046	22,046	22,046	20,439	18,190	17,294								
157	30,865 lbs 1x8,818 lbs 5x4,409 lbs	20.61	221.8	22,046	22,046	22,046	22,046	22,046	22,046	22,046	20,834	18,431									
141	26,456 lbs 1x8,818 lbs 4x4,409 lbs	20.32	218.4	22,046	22,046	22,046	22,046	22,046	22,046	22,046	20,503										
125	22,046 lbs 1x8,818 lbs 3x4,409 lbs	19.81	213.3	22,046	22,046	22,046	22,046	22,046	22,046	22,046											

SACS

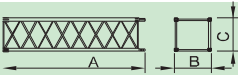
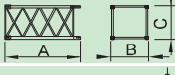

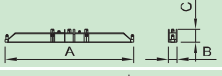
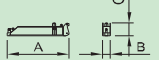
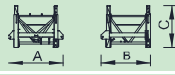



10%

ft	Diagram	Capacity		Load Capacity (lb)																	ft
		4,409lbs	2,204lbs	33	49	66	82	92	108	125	141	157	164	180	197	213	230	246	262		
262	52,911 lbs 1x8,818 lbs 10x4,409 lbs	41.5	83.5	22,046	22,046	22,046	22,046	22,046	22,046	21,738	19,818	16,669	15,959	14,264	12,876	11,885	10,882	9,833	9,038	lb	
246	52,911 lbs 1x8,818 lbs 10x4,409 lbs	41.5	82.5	22,046	22,046	22,046	22,046	22,046	22,046	22,046	21,671	19,160	18,320	16,424	14,850	13,536	12,300	11,398			
230	48,502 lbs 1x8,818 lbs 8x4,409 lbs	43.8	87	22,046	22,046	22,046	22,046	22,046	22,046	22,046	20,349	18,445	17,401	15,785	14,396	13,184					
213	48,502 lbs 1x8,818 lbs 8x4,409 lbs	44.5	88.6	22,046	22,046	22,046	22,046	22,046	22,046	22,046	20,768	18,942	17,791	16,138	14,705						
197	44,092 lbs 1x8,818 lbs 8x4,409 lbs	44.8	89	22,046	22,046	22,046	22,046	22,046	22,046	22,046	20,878	19,962	17,924	16,226							
180	39,683 lbs 1x8,818 lbs 7x4,409 lbs	44.4	88.3	22,046	22,046	22,046	22,046	22,046	22,046	22,046	20,879	19,775	17,747								
164	35,274 lbs 1x8,818 lbs 6x4,409 lbs	42.9	85.3	22,046	22,046	22,046	22,046	22,046	22,046	22,046	20,569	17,968	17,064								
157	30,865 lbs 1x8,818 lbs 5x4,409 lbs	43.6	86.7	22,046	22,046	22,046	22,046	22,046	22,046	22,046	20,283										
141	26,456 lbs 1x8,818 lbs 4x4,409 lbs	43	85.5	22,046	22,046	22,046	22,046	22,046	22,046	22,046	20,613										
125	22,046 lbs 1x8,818 lbs 3x4,409 lbs	42	83.5	22,046	22,046	22,046	22,046	22,046	22,046	22,046											




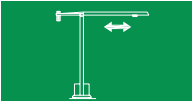



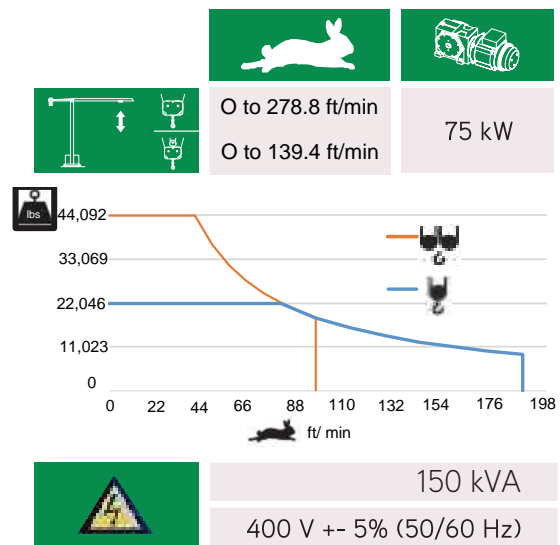
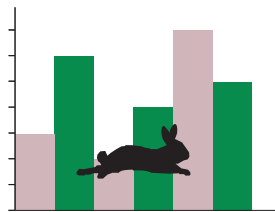
		A (ft)	B (ft)	C (ft)	lb (± 5%)	
Jib		L110	38.80	4.79	8.24	16,094
		L111	32.81	4.79	8.42	9,149
		L112	39.16	4.79	7.25	8,488
		L113	17.31	4.79	7.51	2,866
		L114	39.28	4.79	6.27	5,622
		L115	17.10	4.79	6.41	1,764
		L116	17.03	4.79	6.37	1,543
		L117	17.03	4.79	5.35	1,433
		L118	16.93	4.79	5.25	1,146
		L119	16.87	4.79	5.25	882
		L120	16.77	4.79	5.25	772
	Trolley		CP1	5.48	6.12	3.12
		CS1	6.17	5.78	4.28	1,962
Hook		MP1	3.35	1.12	3.87	1,113
Head Turntable		RS17 RI17	11.25	7.22	7.58	28,660
		P6	11.16	4.76	3.81	4,409
Cabin		C4	12.08	7.43	8.33	5,512
Counter-jib		CL11	39.16	4.76	7.96	13,669
		CL18	39.19	5.25	2.44	6,834
Hoisting Winch		M1	9.84	7.22	4.66	13,669
Counterweight		CP6	3.35	0.82	11.16	10x4,409 44,090
		CP7	9.84	1.97	2.79	8,818






			A (ft)	B (ft)	C (ft)	lb (± 5%)
Tower Section		D1	20.49	7.62	7.62	10,031
		D1	11.04	7.62	7.62	5,688
Foundation Anchor		D1	8.20	7.62	7.62	4,409
Base Chassis		D1	28.63	2.63	5.25	12,125
			13.78	1.25	5.25	2x6,117 12,236
						24,361
Climbing Tower Section		TL1	9.34	8.48	7.55	5,875
Climbing Cage		TL2	39.24	1.02	8.40	8,047
		CP6	39.24	0.79	8.40	2x4,486 8,973
		TL4	15.55	0.89	8.40	3,307



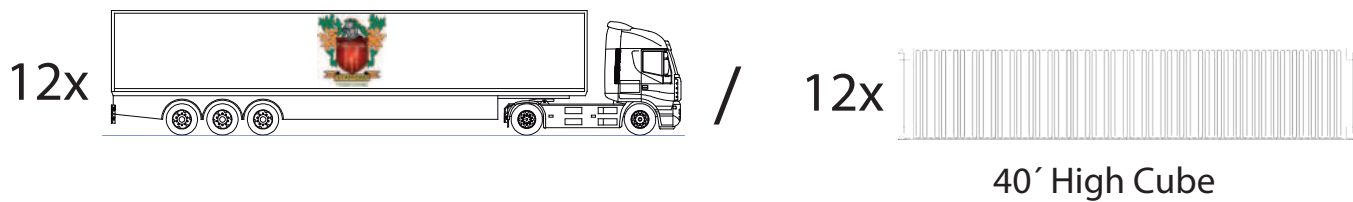
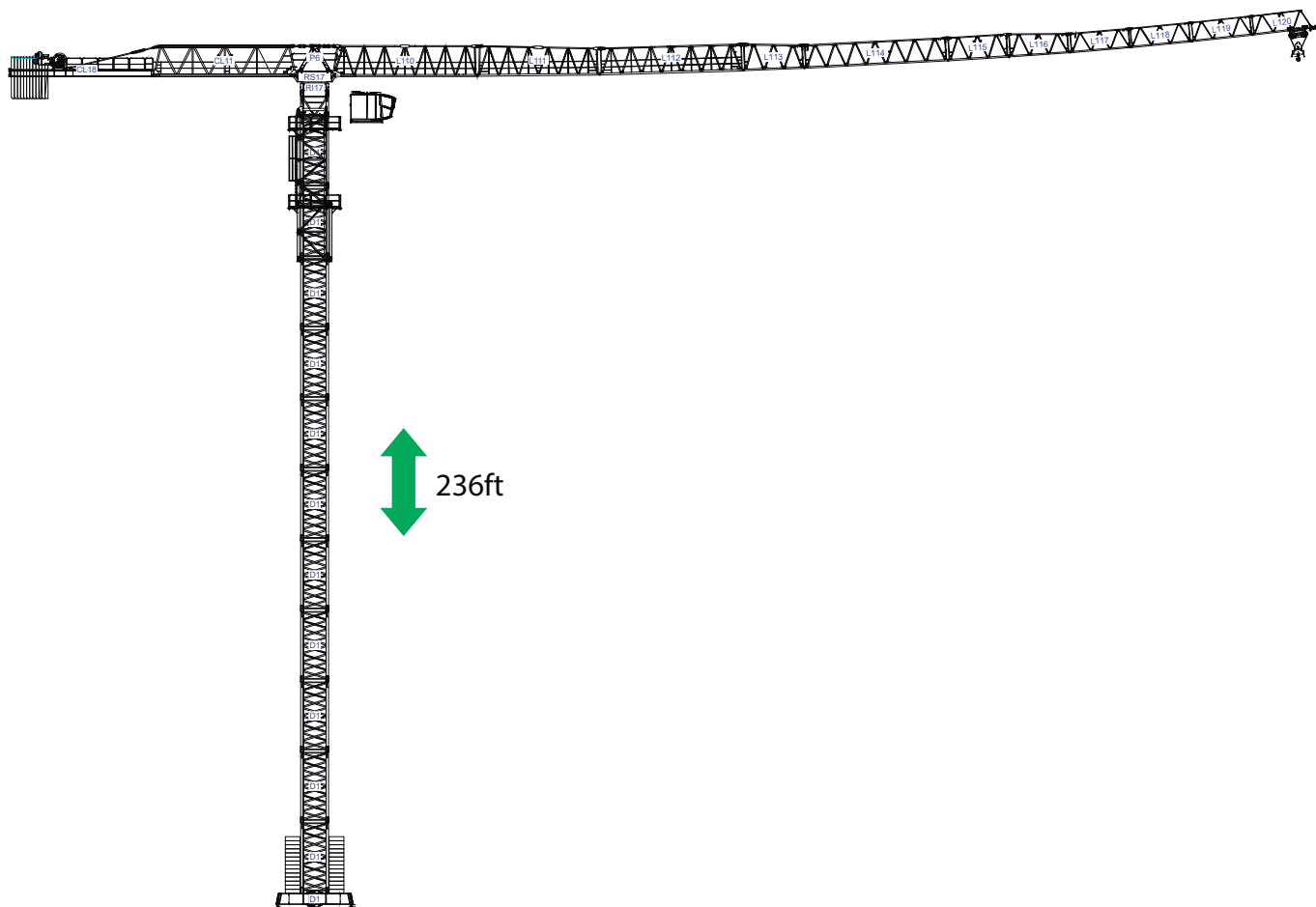
		
	0 a 1 r.p.m.	4x8,0 daN.m
	0 a 196.8 ft/min	15 kW
	0-32.8 ft/min	4x5,5 kW



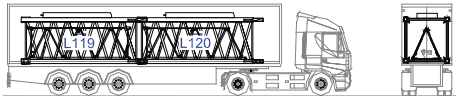

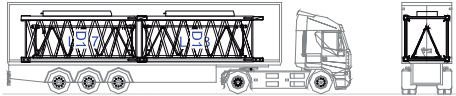
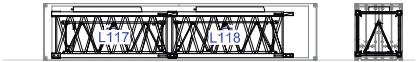
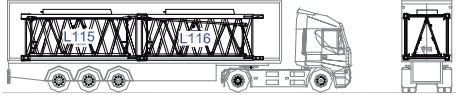
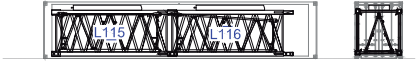
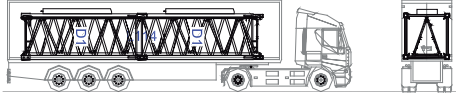
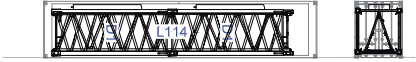
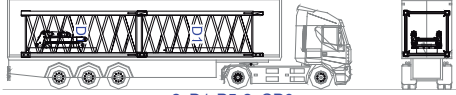
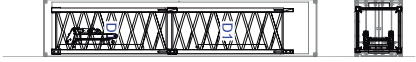
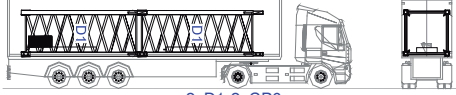


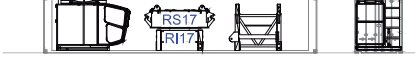

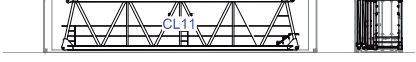


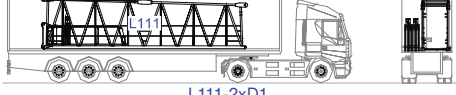
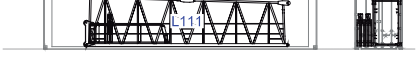



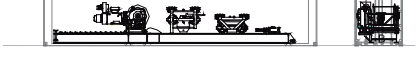
Max height of hoist

 (H)Max. 309 ft ^{More options}
 (H)Max. 617 ft + 





STF 8041 20t

1		
	2xD1-L119-L120-2xCP6	
2		
	2xD1-L117-L118-2xCP6	
3		
	2xD1-L115-L116-2xCP6	
4		
	2xD1-L114-2xCP6	
5		
	2xD1-P5-2xCP6	
6		
	2xD1-2xCP6	
7		
	C4- R17-RS17-TL1	
8		
	CL11-TL2-2xTL3	
9		
	L112-L113-TL4	
10		
	L111-2xD1	
11		
	L110-D1	
12		
	CL17-M1-CP1-CS2-MP1	



