




# STAFFORD TOWER CRANES

## Data Sheet Imperial


Jib (ft)	188.6		179.1		169.3		159.8		140.4		121.1		101.7		82.3	
	STD	L.I.S	STD	L.I.S	STD	L.I.S	STD	L.I.S	STD	L.I.S	STD	L.I.S	STD	L.I.S	STD	L.I.S
	117.8	120.1	118.8	120.7	116.5	120.7	119.4	124.3	119.8	124	116.8	117.1	97.8	97.8	78.4	78.4
Radius (ft)																
45.9	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637
52.5	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637
59.1	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637
75.5	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637
95.1	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637
114.8	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637	17637
134.5	12566	13228	12853	13625	12831	13735	13095	14154	12677	13955						
154.2	9171	9744	9237	9921	8929	9700	9039	9943								
164	7408	7937	7452	8091	7165	7893										
173.9	6173	6680	5952	6548												
183.7	4740	5225														




Jib (ft)	188.6		179.1		169.3		159.8		140.4		121.1		101.7		82.3	
	STD	L.I.S	STD	L.I.S	STD	L.I.S	STD	L.I.S	STD	L.I.S	STD	L.I.S	STD	L.I.S	STD	L.I.S
	94.2	94.2	94.5	94.5	85	87.3	80.4	82.7	81	83	80.1	84.3	77.8	81	73.2	75.1
Radius (ft)																
45.9	26,455	26,455	26,455	26,455	30,865	30,865	35,274	35,274	35,274	35,274	35,274	35,274	35,274	35,274	35,274	35,274
52.5	26,455	26,455	26,455	26,455	30,865	30,865	35,274	35,274	35,274	35,274	35,274	35,274	35,274	35,274	35,274	35,274
59.1	26,455	26,455	26,455	26,455	30,865	30,865	35,274	35,274	35,274	35,274	35,274	35,274	35,274	35,274	35,274	35,274
75.5	26,455	26,455	26,455	26,455	30,865	30,865	35,274	35,274	35,274	35,274	35,274	35,274	34,723	35,274	30,203	31,724
95.1	24,251	25,067	24,185	25,199	24,295	25,463	25,507	26,940	25,044	26,808	24,934	27,029	22,487	24,295		
114.8	17,416	18,100	17,130	17,968	17,020	17,968	17,902	19,070	17,769	19,224	16,755	18,431				
134.5	11,949	12,522	12,214	12,919	12,192	13,007	12,456	13,426	12,015	13,228						
154.2	8,532	9,039	8,598	9,193	8,267	8,973	8,378	9,215								
164	6,746	7,209	6,812	7,363	6,504	7,165										
173.9	5,512	5,952	5,291	5,820												
183.7	4,079	4,497														



# LUFFER 4 PART

Jib (ft)	188.6		179.1		169.3		159.8		140.4		121.1		101.7		82.3	
	STD	L.I.S	STD	L.I.S	STD	L.I.S	STD	L.I.S	STD	L.I.S	STD	L.I.S	STD	L.I.S	STD	L.I.S
	80.7	85.3	86.3	91.5	90.6	96.5	98.8	105.3	108.6	116.5	114.8	114.8	95.1	95.1	75.5	75.5
Radius (ft)																
45.9	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637
52.5	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637
59.1	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637
75.5	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637
95.1	14,154	15,256	15,498	16,755	16,579	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637	17,637
114.8	10,957	11,839	12,037	13,073	12,919	14,065	14,462	15,785	16,402	17,637	17,637	17,637	17,637	17,637	17,637	17,637
134.5	8,752	9,502	9,678	10,538	10,406	11,376	11,707	12,831	13,338	14,683						
154.2	7,143	7,782	7,937	8,686	8,576	9,414	9,700	10,670								
164	6,482	7,099	7,231	7,937	7,826	8,620										
173.9	5,908	6,482	6,614	7,275												
183.7	5,401	5,952														



Jib (ft)	188.6		179.1		169.3		159.8		140.4		121.1		101.7		82.3	
	STD	L.I.S	STD	L.I.S	STD	L.I.S	STD	L.I.S	STD	L.I.S	STD	L.I.S	STD	L.I.S	STD	L.I.S
	47.2	49.5	50.2	52.8	52.5	55.4	56.8	60	62	65.9	66.6	71.2	80.1	84.3	68.2	72.5
Radius (ft)																
45.9	35,274	35,274	35,274	35,274	35,274	35,274	35,274	35,274	35,274	35,274	35,274	35,274	35,274	35,274	35,274	35,274
52.5	30,644	32,540	33,268	35,274	35,274	35,274	35,274	35,274	35,274	35,274	35,274	35,274	35,274	35,274	35,274	35,274
59.1	26,147	27,800	28,440	30,380	30,247	32,452	33,488	35,274	35,274	35,274	35,274	35,274	35,274	35,274	35,274	35,274
75.5	18,761	20,018	20,481	21,958	21,848	23,523	24,317	26,279	27,337	29,740	29,983	32,761	31,129	33,510	30,865	32,408
95.1	13,603	14,573	14,925	16,072	15,983	17,284	17,879	19,401	20,238	22,068	22,267	24,405	23,149	25,000		
114.8	10,362	11,133	11,442	12,368	12,302	13,360	13,845	15,080	15,763	17,262	17,416	19,158				
134.5	8,135	8,774	9,039	9,811	9,766	10,648	11,067	12,103	12,677	13,955						
154.2	6,504	7,077	7,297	7,959	7,915	8,686	9,039	9,943								
164	5,842	6,371	6,570	7,209	7,165	7,893										
173.9	5,247	5,754	5,952	6,548												
183.7	4,740	5,225														



**FLAT TOP 4 PART**