

Counterweight 27,558 lbs

Working Radius (ft)	Lifting capacities in 1,000 lbs according per SAE J765 on fly jib 29.5 ft																Working Radius (ft)									
	On outriggers, 360° working area																									
	Outrigger base 21.00 ft																									
	Boom length 36.1 ft				Boom length 36.1 ft to 98.8 ft				Boom length 36.1 ft to 136.5 ft				Boom length 36.1 ft to 144.4 ft													
Fly jib 29.5 ft offset				Fly jib 29.5 ft offset				Fly jib 29.5 ft offset				Fly jib 29.5 ft offset														
0°				0°				0°				0°														
20°				20°				20°				20°														
40°				40°				40°				40°														
L				L				L				L														
10	76	23.1															10									
12	74	23.1															12									
14	72	23.1	79	23.1													14									
16	70	23.1	78	23.1				81	23.1								16									
18	69	23.1	77	23.1				80	23.1								18									
20	67	23.1	75	23.0	81	19.5		79	23.1								20									
25	62	23.1	69	21.1	76	18.2		77	22.6			80	13.2				25									
30	57	22.6	64	19.5	70	17.1		75	21.0	79	16.8				80	11.9	30									
35	51	19.8	58	18.3	64	16.1		73	19.1	77	15.7	80	13.7	78	13.2		35									
40	45	17.6	52	17.1	58	15.4		71	17.7	75	14.7	78	12.9	76	12.5	79	11.4	40								
45	38	16.0	45	16.1	50	14.9		68	16.3	72	13.8	75	12.3	74	11.6	77	10.9	45								
50	30	14.6	37	15.3				66	15.3	70	13.1	72	11.7	73	10.9	76	10.3	78	9.4	74	10.3	77	9.7	79	9.1	50
55								63	14.2	67	12.4	70	11.2	71	10.2	74	9.8	76	9.0	72	9.7	75	9.2	77	8.6	55
60								61	13.0	65	11.8	67	10.7	70	9.6	73	9.4	75	8.5	71	9.1	74	8.8	76	8.3	60
65								58	12.0	62	11.3	64	10.4	68	9.1	70	8.9	72	8.2	69	8.5	72	8.4	74	8.0	65
70								55	10.9	59	10.8	61	10.1	66	8.6	69	8.4	71	7.9	68	8.1	70	7.9	72	7.6	70
75								52	9.6	56	10.0	58	9.7	64	8.2	67	8.0	69	7.6	66	7.7	68	7.5	70	7.3	75
80								49	8.3	53	9.0	55	9.2	62	7.8	65	7.6	67	7.4	64	7.1	67	7.1	69	7.0	80
85								46	7.1	50	7.8	52	8.0	60	7.1	63	7.3	65	7.1	62	6.4	65	6.6	67	6.6	85
90								43	6.1	46	6.8	48	7.0	58	6.6	61	6.8	63	6.7	60	5.9	63	6.1	65	6.1	90
95								40	5.3	43	5.9	44	6.0	56	5.8	59	6.1	61	6.4	58	5.4	61	5.6	63	5.6	95
100								36	4.7	39	5.1	40	5.0	53	4.9	56	5.3	58	5.9	56	4.9	59	5.1	60	5.2	100
110								26	3.5	29	3.6			49	3.6	52	4.1	53	4.4	52	3.5	49	4.1	56	4.3	110
120								11	2.5					43	2.7	46	2.9	47	3.1	47	2.5	46	2.9	51	3.1	120
130														38	1.8	40	2.1	41	2.1	42	1.8	44	2.1	45	2.1	130
140														31	1.2	33	1.4			35	1.2	37	1.4	39	1.4	140
150																										150
Telescoping sequence %																										
Tel. 1	0				93				93				100				Tel. 1									
Tel. 2	0				46				93				100				Tel. 2									
Tel. 3	0				46				93				100				Tel. 3									
Tel. 4	0				46				93				100				Tel. 4									

Counterweight 27,558 lbs

Working Radius (ft)	Lifting capacities in 1,000 lbs according per SAE J765 on fly jib 52.5 ft																Working Radius (ft)									
	On outriggers, 360° working area																									
	Outrigger base 21.00 ft																									
	Boom length 36.1 ft				Boom length 36.1 ft to 98.8 ft				Boom length 36.1 ft to 136.5 ft				Boom length 36.1 ft to 144.4 ft													
Fly jib 52.5 ft offset				Fly jib 52.5 ft offset				Fly jib 52.5 ft offset				Fly jib 52.5 ft offset														
0°				0°				0°				0°														
20°				20°				20°				20°														
40°				40°				40°				40°														
L				L				L				L														
10	79	17.4																								10
12	78	17.4																								12
14	76	17.4																								14
16	75	17.4																								16
18	74	17.1																								18
20	73	16.7						81	10.6																	20
25	70	15.2						79	10.6																	25
30	67	13.8	77	11.2				77	10.6					81	7.7					81	7.3					30
35	63	12.6	74	10.5				75	10.6					79	7.7					80	7.3					35
40	59	11.6	70	9.6	79	8.6		74	10.6	80	10.1			78	7.7				79	7.3						40
45	55	10.5	66	9.1	75	8.2		72	10.6	78	9.8			76	7.7				77	7.3						45
50	51	9.7	61	8.6	70	7.7		70	10.6	76	9.4			75	7.7				76	7.3						50
55	47	8.8	57	8.1	65	7.4		68	10.6	74	9.1	79	7.6	74	7.7	79	7.5		75	7.3						55
60	42	8.1	52	7.7	60	7.2		67	10.5	73	8.8	78	7.5	73	7.7	78	7.2		74	7.3	79	6.8				60
65	37	7.6	47	7.3	54	7.1		64	10.2	70	8.4	75	7.3	71	7.7	76	6.9		72	7.3	77	6.6				65
70	31	7.1	41	7.1	46	6.9		62	9.7	68	8.1	73	7.1	70	7.3	75	6.5		71	6.8	76	6.3	80	5.9		70
75	23	6.5	32	7.0	37	6.7		60	9.3	66	7.8	71	7.0	68	6.9	73	6.3	77	5.9	69	6.4	74	6.1	78	5.6	75
80	14	6.0	21	6.8				58	8.8	63	7.6	68	6.8	67	6.5	72	6.1	75	5.7	68	6.1	73	5.9	76	5.5	80
85								55	8.0	61	7.3	65	6.6	65	6.2	70	6.0	73	5.5	66	5.8	71	5.5	74	5.3	85
90								53	7.1	59	7.1	63	6.5	64	6.0	69	5.8	72	5.4	65	5.4	70	5.4	73	5.1	90
95								51	6.2	57	6.8	60	6.3	62	5.7	67	5.5	70	5.2	63	5.0	68	5.1	71	5.0	95
100								48	5.4	54	6.3	57	6.1	60	5.3	65	5.2	68	5.0	62	4.5	66	4.7	70	4.8	100
110								42	4.2	48	4.8	51	5.3	56	4.1	61	4.7	64	4.7	58	3.9	62	4.1	66	4.3	110
120								36	3.1	41	3.7	44	3.9	52	3.0	56	3.7	59	4.2	54	2.9	59	3.4	62	3.6	120
130								27	2.3	33	2.5			48	2.3	52	2.7	55	3.2	50	2.1	55	2.7	58	2.9	130
140								15	1.7	23	1.8			43	1.6	47	2.1	50	2.3	46	1.4	50	1.8	53	2.3	140
150																										150
Telescoping sequence %																										
Tel. 1	0				93				93				100				Tel. 1									
Tel. 2	0				46				93				100				Tel. 2									
Tel. 3	0				46				93				100				Tel. 3									
Tel. 4	0				46				93				100				Tel. 4									

Counterweight 27,558 lbs

Working Radius (ft)		Lifting capacities in 1,000 lbs according per SAE J765 on fly jib 29.5 ft																								Working Radius (ft)	
		On outriggers, 360° working area																									
		Outrigger base 14.44 ft																									
		Boom length 36.1 ft						Boom length 36.1 ft to 98.8 ft						Boom length 36.1 ft to 136.5 ft						Boom length 36.1 ft to 144.4 ft							
Fly jib 29.5 ft offset						Fly jib 29.5 ft offset						Fly jib 29.5 ft offset						Fly jib 29.5 ft offset									
0°		20°		40°		0°		20°		40°		0°		20°		40°		0°		20°		40°					
°	L	°	L	°	L	°	L	°	L	°	L	°	L	°	L	°	L	°	L	°	L	°	L				
10	76	23.1																							10		
12	74	23.1																								12	
14	72	23.1	79	23.1																						14	
16	70	23.1	78	23.1				81	23.1																	16	
18	69	23.1	77	23.1				80	23.1																	18	
20	67	23.1	75	23.0	81	19.5	79	23.1																		20	
25	62	23.1	69	21.1	76	18.2	77	22.6				80	13.2													25	
30	57	22.6	64	19.5	70	17.1	75	21.0	79	16.8										80	11.9					30	
35	51	19.8	58	18.3	64	16.1	73	19.1	77	15.7	80	13.7	78	13.2						78	11.9					35	
40	45	17.6	52	17.1	58	15.4	71	16.4	75	14.7	78	12.9	76	12.5	79	11.4				77	11.6	80	10.7			40	
45	38	16.0	45	16.1	50	14.9	68	13.7	72	13.8	75	12.3	74	11.6	77	10.9				75	10.9	78	10.2			45	
50	30	13.7	37	14.1			66	11.3	70	12.2	72	11.7	73	10.8	76	10.3	78	9.4	74	10.3	77	9.7	79	9.1		50	
55							63	9.3	67	10.3	70	10.8	71	9.6	74	9.7	76	9.0	72	9.2	75	9.2	77	8.6		55	
60							61	7.7	65	8.6	67	9.4	70	8.1	73	9.0	75	8.5	71	7.9	74	8.6	76	8.3		60	
65							58	6.3	62	7.2	64	7.9	68	6.8	70	7.7	72	8.2	69	6.8	72	7.4	74	8.0		65	
70							55	5.3	59	6.0	61	6.5	66	5.7	69	6.5	71	7.0	68	5.6	70	6.4	72	6.9		70	
75							52	4.4	56	5.0	58	5.4	64	4.7	67	5.4	69	5.8	66	4.6	68	5.4	70	5.8		75	
80							49	3.6	53	4.2	55	4.5	62	3.8	65	4.5	67	4.9	64	3.8	67	4.4	69	4.9		80	
85							46	2.9	50	3.4	52	3.8	60	3.1	63	3.8	65	4.2	62	3.1	65	3.6	67	4.0		85	
90							43	2.2	46	2.7	48	3.0	58	2.6	61	3.1	63	3.4	60	2.5	63	3.1	65	3.3		90	
95							40	1.7	43	2.1	44	2.3	56	2.1	59	2.5	61	2.8	58	1.9	61	2.4	63	2.8		95	
100							36	1.2	39	1.6	40	1.8	53	1.6	56	2.0	58	2.3	56	1.4	59	1.8	60	2.3		100	
110																	53	1.3								110	
120																										120	
Telescoping sequence %																											
Tel. 1	0						93						93						100						Tel. 1		
Tel. 2	0						46						93						100						Tel. 2		
Tel. 3	0						46						93						100						Tel. 3		
Tel. 4	0						46						93						100						Tel. 4		

Counterweight 27,558 lbs

Working Radius (ft)		Lifting capacities in 1,000 lbs according per SAE J765 on fly jib 52.5 ft																								Working Radius (ft)	
		On outriggers, 360° working area																									
		Outrigger base 14.44 ft																									
		Boom length 36.1 ft						Boom length 36.1 ft to 98.8 ft						Boom length 36.1 ft to 136.5 ft						Boom length 36.1 ft to 144.4 ft							
Fly jib 52.5 ft offset						Fly jib 52.5 ft offset						Fly jib 52.5 ft offset						Fly jib 52.5 ft offset									
0°		20°		40°		0°		20°		40°		0°		20°		40°		0°		20°		40°					
°	L	°	L	°	L	°	L	°	L	°	L	°	L	°	L	°	L	°	L	°	L	°	L	°	L		
10	79	17.4																								10	
12	78	17.4																								12	
14	76	17.4																								14	
16	75	17.4																								16	
18	74	17.1																								18	
20	73	16.7						81	10.6																	20	
25	70	15.2						79	10.6																	25	
30	67	13.8	77	11.2				77	10.6					81	7.7					81	7.3					30	
35	63	12.6	74	10.5				75	10.6					79	7.7					80	7.3					35	
40	59	11.6	70	9.6	79	8.6	74	10.6	80	10.1				78	7.7					79	7.3					40	
45	55	10.5	66	9.1	75	8.2	72	10.6	78	9.8				76	7.7					77	7.3					45	
50	51	9.7	61	8.6	70	7.7	70	10.6	76	9.4				75	7.7					76	7.3					50	
55	47	8.8	57	8.1	65	7.4	68	9.9	74	9.1	79	7.6	74	7.7	79	7.5				75	7.3					55	
60	42	8.1	52	7.7	60	7.2	67	8.6	73	8.8	78	7.5	73	7.6	78	7.2				74	7.2	79	6.8			60	
65	37	7.6	47	7.3	54	7.1	64	7.2	70	8.4	75	7.3	71	7.1	76	6.9				72	6.9	77	6.6			65	
70	31	7.1	41	7.1	46	6.9	62	6.0	68	7.3	73	7.1	70	6.2	75	6.5				71	6.0	76	6.3	80	5.9	70	
75	23	6.5	32	7.0	37	6.7	60	5.0	66	6.3	71	6.8	68	5.2	73	6.1	77	5.9	69	5.0	74	5.9	78	5.6	75		
80	14	6.0	21	6.8			58	4.2	63	5.3	68	6.2	67	4.2	72	5.5	75	5.7	68	4.2	73	5.3	76	5.5	80		
85							55	3.6	61	4.5	65	5.3	65	3.6	70	4.7	73	5.5	66	3.6	71	4.5	74	5.3	85		
90							53	2.9	59	3.8	63	4.5	64	2.9	69	4.0	72	4.7	65	2.9	70	3.8	73	4.7	90		
95							51	2.3	57	3.2	60	3.8	62	2.3	67	3.3	70	4.0	63	2.3	68	3.2	71	4.0	95		
100							48	1.9	54	2.7	57	3.1	60	1.9	65	2.7	68	3.4	62	1.8	66	2.7	70	3.4	100		
110									48	1.7	51	2.1			61	1.7	64	2.4			62	1.7	66	2.4	110		
120																	59	1.4								120	
Telescoping sequence %																											
Tel. 1	0						93						93						100						Tel. 1		
Tel. 2	0						46						93						100						Tel. 2		
Tel. 3	0						46						93						100						Tel. 3		
Tel. 4	0						46						93						100						Tel. 4		