

**L. R. WILLSON & SONS, INC.**

773 ANNAPOLIS ROAD • PO BOX 227

GAMBRILLS, MARYLAND 21054

www.lrwilsonandsons.com

**Main Boom Lift Capacity Charts – Standard**

8,500 lb Counterweight – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Pounds)													
Radius (ft)	Boom Length (ft)											Radius (ft)	
	38	50	60	70	76.5/80	90	100	110	120	130	140		
9	164,400*												9
10	154,600*	152,100*	117,900	89,700									10
12	129,300*	131,300*	108,800	85,000	85,100**								12
15	102,500	104,600	104,900	78,800	78,400**	57,700							15
20	74,700	77,000	77,400	70,300	76,500**	56,200	49,100	42,500					20
25	54,700	57,900	59,400	60,100	59,700	55,300	45,800	42,500	33,700	29,700			25
30	39,600	43,300	44,400	44,600	44,300	43,800	43,200	38,300	31,200	29,400	24,400		30
35		33,100	34,100	34,900	34,100	35,000	33,500	34,500	30,900	29,100	24,100		35
40		26,100	27,200	27,900	28,100	28,000	28,000	27,500	28,100	26,900	24,000		40
45			22,800	23,500	23,900	23,300	24,000	23,800	23,500	23,100	22,700		45
50			18,900	19,600	20,000	20,200	20,100	19,900	19,600	19,100	18,800		50
55				16,500	16,900	17,100	16,900	16,800	16,400	16,000	15,700		55
60				14,000	14,400	14,600	14,500	14,300	14,000	13,600	13,200		60
65					12,500	12,700	12,500	12,400	12,100	11,700	11,400		65
70					10,800	11,000	10,900	10,800	10,400	10,100	9,700		70
75						9,600	9,500	9,400	9,100	8,700	8,400		75
80						8,400	8,300	8,200	7,900	7,500	7,200		80
85							7,300	7,200	6,800	6,500	6,200		85
90							6,300	6,300	6,000	5,600	5,300		90
95								5,500	5,200	4,800	4,500		95
100								4,800	4,500	4,100	3,800		100
105									3,900	3,500	3,200		105
110									3,300	3,000	2,700		110
115										2,500	2,200		115
120										2,000	1,700		120
125											1,300		125
130											900		130

\* Special Conditions Or Wire Rope Required  
\*\* 76.5 EM5 mode

This information is not for crane operation. Operator must refer to the in-cab information for crane operation. Rated lifting capacities shown on fully extended outriggers do not exceed 85% of the tipping loads and on tires do not exceed 75% of the tipping loads.



A.I.S.C. Certified Erector



PCI P.C.I. Qualified Erector

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<b>8,500 lb Counterweight – On Tires – Stationary – Boom Centered Over Rear</b> (All Capacities Are Listed In Pounds)								
Radius (ft)	Boom Length (ft)							Radius (ft)
	38	50	60	70	80	90	100	
10	32,200							10
12	29,000	30,400						12
15	25,000	26,500	22,300					15
20	19,700	21,400	22,300	17,700				20
25	13,100	15,700	17,100	17,700	13,600			25
30	8,800	11,400	12,700	13,300	13,600	10,800	8,900	30
35		8,400	9,600	10,200	10,600	10,800	8,900	35
40		6,100	7,400	8,000	8,400	8,600	8,500	40
45			5,600	6,200	6,600	6,800	6,800	45
50			4,300	4,900	5,200	5,400	5,400	50
55				3,800	4,100	4,300	4,300	55
60				2,900	3,200	3,400	3,400	60
65					2,400	2,600	2,600	65
70					1,800	2,000	1,900	70
75						1,400	1,400	75
80						900	900	80

<b>8,500 lb Counterweight – On Tires – Pick &amp; Carry (1 mph) – Boom Centered Over Rear</b> (All Capacities Are Listed In Pounds)								
Radius (ft)	Boom Length (ft)							Radius (ft)
	38	50	60	70	80	90	100	
10	22,200							10
12	19,800	21,100						12
15	16,600	18,100	18,900					15
20	12,500	14,200	15,100	15,500				20
25	9,300	11,200	12,200	12,600	12,800			25
30	6,800	8,800	9,800	10,300	10,600	10,800	8,900	30
35		6,900	7,900	8,400	8,800	8,900	8,900	35
40		5,300	6,400	6,900	7,200	7,400	7,400	40
45			5,100	5,600	6,000	6,100	6,100	45
50			3,900	4,500	4,900	5,100	5,000	50
55				3,600	3,900	4,100	4,100	55
60				2,700	3,100	3,300	3,300	60
65					2,400	2,600	2,500	65
70					1,800	2,000	1,900	70
75						1,400	1,400	75
80						900	900	80

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A.I.S.C. Certified Erector



PCI P.C.I. Qualified Erector

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11,500 lb Counterweight – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Pounds)												
Radius (ft)	Boom Length (ft)											Radius (ft)
	38	50	60	70	76.5/80	90	100	110	120	130	140	
9	165,000*											9
10	155,400*	152,100*	117,900	89,700								10
12	131,900*	133,900*	108,800	85,000	85,100**							12
15	104,600	106,700	106,500	78,800	78,400**	57,700						15
20	76,400	78,600	79,000	70,300	76,500**	56,200	49,100	42,500				20
25	57,800	61,000	61,500	63,000	62,700	55,300	45,800	42,500	33,700	29,700		25
30	42,300	46,000	47,100	47,300	47,000	46,500	45,200	38,300	31,200	29,400	24,400	30
35		35,300	36,300	36,500	36,300	36,200	35,700	35,100	30,900	29,100	24,100	35
40		27,900	29,000	29,700	29,900	29,900	29,800	29,300	28,800	28,700	24,000	40
45			23,900	24,500	25,100	24,700	24,900	25,400	25,000	24,600	23,800	45
50			20,300	21,100	21,500	21,400	21,500	21,400	21,000	20,600	20,300	50
55				17,900	18,300	18,500	18,400	18,200	17,900	17,500	17,100	55
60				15,300	15,700	15,900	15,700	15,600	15,300	14,900	14,500	60
65					13,600	13,700	13,600	13,500	13,100	12,700	12,500	65
70					11,800	12,100	11,900	11,800	11,500	11,100	10,800	70
75						10,600	10,500	10,400	10,000	9,700	9,300	75
80						9,300	9,200	9,100	8,800	8,400	8,100	80
85							8,100	8,000	7,700	7,300	7,000	85
90							7,100	7,100	6,700	6,400	6,100	90
95								6,200	5,900	5,600	5,200	95
100								5,500	5,200	4,800	4,500	100
105									4,500	4,200	3,900	105
110									3,900	3,600	3,300	110
115										3,100	2,800	115
120										2,600	2,300	120
125											1,800	125
130											1,400	130

\* Special Conditions Or Wire Rope Required  
\*\* 76.5 EM5 mode

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A.I.S.C. Certified Erector



P.C.I. Qualified Erector

**L. R. WILLSON & SONS, INC.**

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GAMBRILLS, MARYLAND 21054

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**11,500 lb Counterweight – On Tires – Stationary – Boom Centered Over Rear**  
(All Capacities Are Listed In Pounds)

Radius (ft)	Boom Length (ft)							Radius (ft)
	38	50	60	70	80	90	100	
10	31,600							10
12	28,500	29,900						12
15	24,600	26,100	21,900					15
20	19,400	21,100	21,900	18,600				20
25	14,600	17,200	18,100	18,600	14,800			25
30	10,000	12,600	13,800	14,400	14,800	11,800	9,400	30
35		9,400	10,600	11,200	11,600	11,800	9,400	35
40		7,000	8,200	8,800	9,200	9,400	9,400	40
45			6,400	7,000	7,400	7,600	7,500	45
50			5,000	5,600	5,900	6,100	6,100	50
55				4,400	4,800	4,900	4,900	55
60				3,400	3,800	4,000	3,900	60
65					3,000	3,200	3,100	65
70					2,300	2,500	2,400	70
75						1,900	1,800	75
80						1,400	1,300	80

**11,500 lb Counterweight – On Tires – Pick & Carry (1 mph) – Boom Centered Over Rear**  
(All Capacities Are Listed In Pounds)

Radius (ft)	Boom Length (ft)							Radius (ft)
	38	50	60	70	80	90	100	
10	21,600							10
12	19,300	20,600						12
15	16,200	17,700	18,400					15
20	12,100	13,800	14,700	15,100				20
25	9,000	10,900	11,800	12,300	12,600			25
30	6,500	8,500	9,500	10,000	10,300	10,500	8,600	30
35		6,600	7,700	8,200	8,500	8,700	8,600	35
40		5,000	6,100	6,700	7,000	7,200	7,100	40
45			4,800	5,400	5,700	5,900	5,900	45
50			3,700	4,300	4,700	4,800	4,800	50
55				3,400	3,700	3,900	3,900	55
60				2,600	2,900	3,100	3,100	60
65					2,200	2,400	2,400	65
70					1,600	1,800	1,800	70
75						1,300	1,200	75
80						800	700	80

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A.I.S.C. Certified Erector



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**Main Boom Lift Capacity Charts – Optional**

32,500 lb Counterweight – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Pounds)												
Radius (ft)	Boom Length (ft)											Radius (ft)
	38	50	60	70	76.5/80	90	100	110	120	130	140	
7	200,000***											7
8	180,000*											8
9	167,100*											9
10	158,300*	152,100*	117,900	89,700								10
12	142,700*	138,700*	108,800	85,000	85,100**							12
15	119,300	121,400	106,500	78,800	78,400**	57,700						15
20	87,600	89,800	90,200	70,300	76,500**	56,200	49,100	42,500				20
25	68,000	70,300	70,800	63,600	70,300**	55,300	45,800	42,500	33,700	29,700		25
30	54,700	57,100	57,600	58,100	58,700	54,500	45,200	38,300	31,200	29,400	24,400	30
35		47,500	49,100	49,400	49,200	48,800	42,500	35,500	30,900	29,100	24,100	35
40		40,500	41,600	41,800	41,600	41,100	38,200	33,400	30,600	28,800	24,000	40
45			34,600	34,900	34,600	34,200	33,700	30,300	29,900	28,600	23,800	45
50			29,300	29,600	29,400	28,900	28,800	27,900	27,800	26,800	23,700	50
55				25,500	25,300	26,000	24,800	24,700	25,300	24,800	23,600	55
60				22,500	22,400	22,800	21,500	22,300	22,000	21,900	22,100	60
65					20,000	20,100	20,000	19,600	19,300	20,000	19,600	65
70						17,700	17,800	17,800	17,700	18,100	17,700	70
75							15,800	16,500	16,500	16,200	15,800	75
80								14,900	14,800	14,500	14,100	80
85									13,500	13,400	13,100	85
90									12,200	12,200	11,900	90
95										11,100	10,800	95
100											10,100	100
105												105
110												110
115												115
120												120
125												125
130												130

\* Special Conditions Or Wire Rope Required  
\*\* 76.5 EM5 mode  
\*\*\* Over Rear

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A.I.S.C. Certified Erector



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<b>32,500 lb Counterweight – On Tires – Stationary – Boom Centered Over Rear</b> (All Capacities Are Listed In Pounds)								
Radius (ft)	Boom Length (ft)							Radius (ft)
	38	50	60	70	80	90	100	
10	28,300							10
12	25,400	26,900						12
15	21,800	23,400	24,300					15
20	16,700	18,000	19,300	20,100				20
25	13,000	14,900	15,700	16,100	16,300			25
30	10,100	12,100	13,100	13,500	13,800	13,900	13,800	30
35		9,900	10,900	11,400	11,800	11,900	11,800	35
40		8,000	9,100	9,600	10,000	10,100	10,100	40
45			7,600	8,100	8,500	8,700	8,600	45
50			6,300	6,900	7,200	7,400	7,300	50
55				5,700	6,100	6,300	6,200	55
60				4,800	5,200	5,300	5,300	60
65					4,300	4,500	4,500	65
70					3,600	3,800	3,700	70
75						3,100	3,100	75
80						2,500	2,500	80
85							1,900	85
90							1,500	90

<b>32,500 lb Counterweight – On Tires – Pick &amp; Carry (1 mph) – Boom Centered Over Rear</b> (All Capacities Are Listed In Pounds)								
Radius (ft)	Boom Length (ft)							Radius (ft)
	38	50	60	70	80	90	100	
10	18,200							10
12	16,000	17,500						12
15	13,200	14,800	15,600					15
20	9,500	11,300	12,200	12,700				20
25	6,700	8,600	9,600	10,000	10,400			25
30	4,400	6,500	7,500	8,000	8,300	8,500	8,500	30
35		4,700	5,800	6,300	6,700	6,900	6,800	35
40		3,300	4,400	5,000	5,300	5,500	5,500	40
45			3,300	3,900	4,200	4,400	4,400	45
50			2,300	2,800	3,200	3,400	3,300	50
55				2,000	2,400	2,600	2,500	55
60				1,300	1,700	1,900	1,800	60
65					1,100	1,200	1,200	65

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A.I.S.C. Certified Erector



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<b>39,500 lb Counterweight – Fully Extended Outriggers – 360° Rotation</b> (All Capacities Are Listed In Pounds)												
Radius (ft)	Boom Length (ft)											Radius (ft)
	38	50	60	70	76.5/80	90	100	110	120	130	140	
7	200,000***											7
8	180,000*											8
9	167,600*											9
10	158,800*	152,100*	117,900	89,700								10
12	143,600*	138,700*	108,800	85,000	85,100**							12
15	123,700	122,600	106,500	78,800	78,400**	57,700						15
20	91,300	93,500	93,800	70,300	76,500**	56,200	49,100	42,500				20
25	71,000	73,300	73,800	63,600	73,300**	55,300	45,800	42,500	33,700	29,700		25
30	57,200	59,600	60,100	58,100	61,100	54,500	45,200	38,300	31,200	29,400	24,400	30
35		49,700	50,300	51,400	51,200	50,900	42,500	35,500	30,900	29,100	24,100	35
40		42,200	43,700	44,000	43,800	43,400	38,200	33,400	30,600	28,800	24,000	40
45			37,900	38,200	38,100	37,700	34,600	30,300	29,900	28,600	23,800	45
50			32,400	32,700	32,500	32,000	31,500	27,900	27,800	26,800	23,700	50
55				28,200	28,000	27,600	27,300	25,600	25,800	24,800	23,600	55
60				24,600	24,500	24,100	24,100	23,600	24,200	23,000	22,100	60
65					21,500	22,300	21,100	21,400	21,600	21,300	20,600	65
70					19,700	19,900	18,700	19,500	19,100	19,200	19,200	70
75						17,700	17,500	17,400	17,000	17,700	17,400	75
80						16,000	16,000	15,600	15,900	15,900	15,600	80
85							14,600	14,600	14,800	14,400	14,100	85
90							13,800	13,700	13,400	13,000	12,700	90
95								12,500	12,300	11,900	11,600	95
100								11,500	11,200	10,900	10,600	100
105									10,200	9,900	9,600	105
110									9,400	9,000	8,800	110
115										8,300	8,000	115
120										7,500	7,300	120
125											6,600	125
130											6,000	130

\* Special Conditions Or Wire Rope Required  
\*\* 76.5 EM5 mode  
\*\*\* Over Rear

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**Fly Attachment Lift Capacity Charts – Optional**

8,500 lb Counterweight – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Pounds)					
140 ft Main Boom Length 2° Fly Offset			140 ft Main Boom Length 15° Fly Offset		
Radius (ft)	Fly Length (ft)		Radius (ft)	Fly Length (ft)	
	35	58		35	58
35	12,100		35		
40	12,100		40		
45	12,100	8,500	45	11,500	
50	12,100	8,400	50	11,400	
55	12,100	8,300	55	11,200	
60	12,100	8,100	60	11,000	7,200
65	11,900	8,000	65	10,800	7,000
70	10,400	7,800	70	10,600	6,800
75	9,000	7,700	75	9,700	6,700
80	7,800	7,500	80	8,500	6,500
85	6,800	7,300	85	7,400	6,300
90	5,900	6,400	90	6,400	6,200
95	5,100	5,600	95	5,600	6,000
100	4,400	4,900	100	4,800	5,600
105	3,700	4,200	105	4,200	4,900
110	3,200	3,600	110	3,600	4,300
115	2,700	3,100	115	3,000	3,700
120	2,200	2,600	120	2,500	3,200
125	1,800	2,200	125	2,100	2,700
130	1,400	1,800	130	1,700	2,300
135	1,100	1,500	135	1,300	1,900
140			140	900	1,500
145			145		1,200

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<b>8,500 lb Counterweight – Fully Extended Outriggers – 360° Rotation</b> (All Capacities Are Listed In Pounds)					
<b>140 ft Main Boom Length 30° Fly Offset</b>			<b>140 ft Main Boom Length 45° Fly Offset</b>		
Radius (ft)	Fly Length (ft)		Radius (ft)	Fly Length (ft)	
	35	58		35	58
35			35		
40			40		
45			45		
50			50		
55	10,000		55		
60	9,800		60		
65	9,700		65	8,800	
70	9,500		70	8,800	
75	9,400	5,700	75	8,700	
80	9,100	5,600	80	8,600	
85	8,000	5,500	85	8,400	4,900
90	7,000	5,400	90	7,400	4,900
95	6,100	5,300	95	6,400	4,800
100	5,300	5,200	100	5,600	4,800
105	4,600	5,100	105	4,800	4,700
110	3,900	4,900	110	4,200	4,700
115	3,300	4,300	115	3,500	4,700
120	2,800	3,700	120	3,000	4,100
125	2,300	3,200	125	2,500	3,600
130	1,900	2,700	130	2,000	3,100
135	1,500	2,300	135	1,500	2,600
140	1,100	1,900	140		2,100
145		1,500	145		1,700
150		1,200	150		1,300
155			155		1,000

This information is not for crane operation. Operator must refer to the in-cab information for crane operation. Rated lifting capacities shown on fully extended outriggers do not exceed 85% of the tipping loads and on tires do not exceed 75% of the tipping loads.

**A.I.S.C. Certified Erector****PCI P.C.I. Qualified Erector**

**L. R. WILLSON & SONS, INC.**

773 ANNAPOLIS ROAD • PO BOX 227

GAMBRILLS, MARYLAND 21054

www.lrwilsonandsons.com

11,500 lb Counterweight – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Pounds)							
140 ft Main Boom Length 2° Fly Offset				140 ft Main Boom Length 15° Fly Offset			
Radius (ft)	Fly Length (ft)			Radius (ft)	Fly Length (ft)		
	35	58	74		35	58	74
35	12,100			35			
40	12,100			40			
45	12,100	8,500		45	11,500		
50	12,100	8,400	6,600	50	11,400		
55	12,100	8,300	6,600	55	11,200		
60	12,100	8,100	6,600	60	11,000	7,200	
65	11,900	8,000	6,600	65	10,800	7,000	6,300
70	11,500	7,800	6,600	70	10,600	6,800	6,000
75	10,000	7,700	6,600	75	10,400	6,700	5,700
80	8,700	7,500	6,400	80	9,400	6,500	5,400
85	7,600	7,300	6,000	85	8,200	6,300	5,100
90	6,700	7,100	5,700	90	7,200	6,200	4,900
95	5,800	6,300	5,400	95	6,300	6,000	4,600
100	5,100	5,500	5,100	100	5,500	5,900	4,400
105	4,400	4,900	4,800	105	4,800	5,600	4,200
110	3,800	4,300	4,200	110	4,200	4,900	4,100
115	3,300	3,700	3,600	115	3,600	4,300	3,900
120	2,800	3,200	3,100	120	3,100	3,800	3,600
125	2,300	2,800	2,700	125	2,600	3,300	3,100
130	1,900	2,300	2,200	130	2,200	2,800	2,700
135	1,600	2,000	1,900	135	1,800	2,400	2,300
140	1,200	1,600	1,500	140	1,400	2,000	1,900
145	900	1,300	1,200	145	1,100	1,700	1,500
				150		1,300	1,200
				155		1,000	

This information is not for crane operation. Operator must refer to the in-cab information for crane operation. Rated lifting capacities shown on fully extended outriggers do not exceed 85% of the tipping loads and on tires do not exceed 75% of the tipping loads.



A.I.S.C. Certified Erector



PCI P.C.I. Qualified Erector

**L. R. WILLSON & SONS, INC.**

773 ANNAPOLIS ROAD • PO BOX 227

GAMBRILLS, MARYLAND 21054

www.lrwillsonandsons.com

11,500 lb Counterweight – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Pounds)							
140 ft Main Boom Length 30° Fly Offset				140 ft Main Boom Length 45° Fly Offset			
Radius (ft)	Fly Length (ft)			Radius (ft)	Fly Length (ft)		
	35	58	74		35	58	74
35				35			
40				40			
45				45			
50				50			
55	10,000			55			
60	9,800			60			
65	9,700			65	8,800		
70	9,500			70	8,800		
75	9,400	5,700	4,600	75	8,700		
80	9,200	5,600	4,400	80	8,600		
85	8,800	5,500	4,200	85	8,600	4,900	3,700
90	7,700	5,400	4,100	90	8,100	4,900	3,500
95	6,800	5,300	3,900	95	7,200	4,800	3,400
100	6,000	5,200	3,700	100	6,300	4,800	3,300
105	5,200	5,100	3,600	105	5,500	4,700	3,200
110	4,500	5,000	3,500	110	4,800	4,700	3,100
115	3,900	4,900	3,300	115	4,100	4,700	3,000
120	3,400	4,300	3,200	120	3,500	4,600	2,900
125	2,900	3,800	3,100	125	3,000	4,100	2,800
130	2,400	3,300	3,000	130	2,500	3,600	2,700
135	2,000	2,800	2,700	135	2,000	3,100	2,700
140	1,600	2,400	2,300	140		2,600	2,600
145	1,200	2,000	1,900	145		2,200	2,200
150	900	1,600	1,600	150		1,800	1,800
155		1,300	1,200	155		1,400	1,400
160		1,000	900	160		1,000	1,100
				165			800

This information is not for crane operation. Operator must refer to the in-cab information for crane operation. Rated lifting capacities shown on fully extended outriggers do not exceed 85% of the tipping loads and on tires do not exceed 75% of the tipping loads.



A.I.S.C. Certified Erector



PCI P.C.I. Qualified Erector

**L. R. WILLSON & SONS, INC.**

773 ANNAPOLIS ROAD • PO BOX 227

GAMBRILLS, MARYLAND 21054

www.lrwilsonandsons.com

<b>32,500 lb Counterweight – Fully Extended Outriggers – 360° Rotation</b> (All Capacities Are Listed In Pounds)									
<b>140 ft Main Boom Length 2° Fly Offset</b>					<b>140 ft Main Boom Length 15° Fly Offset</b>				
Radius (ft)	Fly Length (ft)				Radius (ft)	Fly Length (ft)			
	35	58	74	90		35	58	74	90
35	12,100				35				
40	12,100				40				
45	12,100	8,500			45	11,500			
50	12,100	8,400	6,600		50	11,400			
55	12,100	8,300	6,600	5,200	55	11,200			
60	12,100	8,100	6,600	5,200	60	11,000	7,200		
65	11,900	8,000	6,600	5,200	65	10,800	7,000	6,300	
70	11,700	7,800	6,600	5,200	70	10,600	6,800	6,000	4,800
75	11,500	7,700	6,600	5,100	75	10,400	6,700	5,700	4,500
80	11,300	7,500	6,400	4,800	80	10,200	6,500	5,400	4,200
85	11,000	7,300	6,000	4,500	85	10,000	6,300	5,100	4,000
90	10,500	7,100	5,700	4,200	90	9,700	6,200	4,900	3,700
95	10,100	6,900	5,400	4,000	95	9,400	6,000	4,600	3,500
100	9,700	6,700	5,100	3,700	100	9,000	5,900	4,400	3,300
105	8,800	6,500	4,900	3,500	105	8,700	5,700	4,200	3,100
110	8,000	6,300	4,700	3,300	110	8,400	5,600	4,100	3,000
115	7,300	6,000	4,500	3,200	115	7,600	5,500	3,900	2,800
120	6,600	5,800	4,300	3,000	120	6,900	5,300	3,700	2,700
125	6,000	5,600	4,100	2,800	125	6,300	5,100	3,600	2,500
130	5,500	5,300	3,900	2,700	130	5,700	4,900	3,500	2,400
135	5,000	5,200	3,800	2,500	135	5,200	4,700	3,300	2,300
140	4,500	4,900	3,600	2,400	140	4,700	4,600	3,200	2,200
145	4,100	4,400	3,500	2,300	145	4,200	4,400	3,100	2,100
150	3,700	4,000	3,400	2,200	150	3,800	4,300	3,000	2,000
155	3,300	3,700	3,200	2,100	155	3,400	4,000	2,900	1,900
160	2,900	3,300	3,100	2,000	160	3,000	3,600	2,900	1,800
165	2,500	2,900	2,700	1,900	165	2,600	3,200	2,800	1,700
170		2,600	2,400	1,800	170		2,800	2,700	1,600
175		2,300	2,100	1,800	175		2,500	2,300	1,600
180		2,000	1,800	1,700	180		2,100	2,000	1,500
185		1,700	1,500	1,400	185		1,800	1,700	1,500
190			1,200	1,200	190			1,400	1,400
195			1,000	900	195			1,100	1,100
200			800		200			800	900

This information is not for crane operation. Operator must refer to the in-cab information for crane operation. Rated lifting capacities shown on fully extended outriggers do not exceed 85% of the tipping loads and on tires do not exceed 75% of the tipping loads.



A.I.S.C. Certified Erector



PCI P.C.I. Qualified Erector

**L. R. WILLSON & SONS, INC.**

773 ANNAPOLIS ROAD • PO BOX 227

GAMBRILLS, MARYLAND 21054

www.lrwilsonandsons.com

<b>32,500 lb Counterweight – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Pounds)</b>									
<b>140 ft Main Boom Length 30° Fly Offset</b>					<b>140 ft Main Boom Length 45° Fly Offset</b>				
Radius (ft)	Fly Length (ft)				Radius (ft)	Fly Length (ft)			
	35	58	74	90		35	58	74	90
35					35				
40					40				
45					45				
50					50				
55	10,000				55				
60	9,800				60				
65	9,700				65	8,800			
70	9,500				70	8,800			
75	9,400	5,700	4,600		75	8,700			
80	9,200	5,600	4,400	3,600	80	8,600			
85	9,100	5,500	4,200	3,400	85	8,600	4,900	3,700	
90	9,000	5,400	4,100	3,200	90	8,500	4,900	3,500	2,900
95	8,800	5,300	3,900	3,000	95	8,400	4,800	3,400	2,700
100	8,500	5,200	3,700	2,900	100	8,200	4,800	3,300	2,600
105	8,200	5,100	3,600	2,700	105	8,000	4,700	3,200	2,400
110	8,000	5,000	3,500	2,600	110	7,800	4,700	3,100	2,300
115	7,700	4,900	3,300	2,400	115	7,600	4,700	3,000	2,200
120	7,200	4,800	3,200	2,300	120	7,400	4,600	2,900	2,100
125	6,500	4,700	3,100	2,200	125	6,700	4,500	2,800	2,000
130	5,900	4,500	3,000	2,100	130	6,000	4,400	2,700	1,900
135	5,400	4,400	2,900	2,000	135	5,400	4,300	2,700	1,800
140	4,800	4,300	2,800	1,900	140		4,200	2,600	1,800
145	4,400	4,200	2,800	1,800	145		4,100	2,600	1,700
150	3,900	4,100	2,700	1,700	150		4,000	2,500	1,600
155	3,500	4,000	2,600	1,700	155		4,000	2,500	1,600
160		3,800	2,600	1,600	160		3,900	2,500	1,500
165		3,400	2,500	1,500	165			2,500	1,500
170		3,000	2,500	1,500	170			2,500	1,400
175		2,600	2,500	1,400	175			2,500	1,400
180		2,200	2,200	1,400	180				1,400
185			1,800	1,400	185				1,400
190			1,500	1,300	190				1,400
195			1,200	1,300					
200				1,000					

This information is not for crane operation. Operator must refer to the in-cab information for crane operation. Rated lifting capacities shown on fully extended outriggers do not exceed 85% of the tipping loads and on tires do not exceed 75% of the tipping loads.

**A.I.S.C. Certified Erector****PCI P.C.I. Qualified Erector**

**L. R. WILLSON & SONS, INC.**

773 ANNAPOLIS ROAD • PO BOX 227

GAMBRILLS, MARYLAND 21054

www.lrwilsonandsons.com

39,500 lb Counterweight – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Pounds)									
140 ft Main Boom Length 2° Fly Offset					140 ft Main Boom Length 15° Fly Offset				
Radius (ft)	Fly Length (ft)				Radius (ft)	Fly Length (ft)			
	35	58	74	90		35	58	74	90
35	12,100				35				
40	12,100				40				
45	12,100	8,500			45	11,500			
50	12,100	8,400	6,600		50	11,400			
55	12,100	8,300	6,600	5,200	55	11,200			
60	12,100	8,100	6,600	5,200	60	11,000	7,200		
65	11,900	8,000	6,600	5,200	65	10,800	7,000	6,300	
70	11,700	7,800	6,600	5,200	70	10,600	6,800	6,000	4,800
75	11,500	7,700	6,600	5,100	75	10,400	6,700	5,700	4,500
80	11,300	7,500	6,400	4,800	80	10,200	6,500	5,400	4,200
85	11,000	7,300	6,000	4,500	85	10,000	6,300	5,100	4,000
90	10,500	7,100	5,700	4,200	90	9,700	6,200	4,900	3,700
95	10,100	6,900	5,400	4,000	95	9,400	6,000	4,600	3,500
100	9,700	6,700	5,100	3,700	100	9,000	5,900	4,400	3,300
105	9,300	6,500	4,900	3,500	105	8,700	5,700	4,200	3,100
110	8,900	6,300	4,700	3,300	110	8,400	5,600	4,100	3,000
115	8,500	6,000	4,500	3,200	115	8,100	5,500	3,900	2,800
120	7,800	5,800	4,300	3,000	120	7,900	5,300	3,700	2,700
125	7,100	5,600	4,100	2,800	125	7,400	5,100	3,600	2,500
130	6,500	5,300	3,900	2,700	130	6,800	4,900	3,500	2,400
135	6,000	5,200	3,800	2,500	135	6,200	4,700	3,300	2,300
140	5,500	5,000	3,600	2,400	140	5,700	4,600	3,200	2,200
145	5,000	4,800	3,500	2,300	145	5,200	4,400	3,100	2,100
150	4,500	4,700	3,400	2,200	150	4,700	4,300	3,000	2,000
155	4,100	4,500	3,200	2,100	155	4,300	4,200	2,900	1,900
160	3,700	4,100	3,100	2,000	160	3,800	4,100	2,900	1,800
165	3,400	3,700	3,100	1,900	165	3,400	4,000	2,800	1,700
170		3,400	3,000	1,800	170		3,600	2,700	1,600
175		3,000	2,800	1,800	175		3,200	2,700	1,600
180		2,700	2,500	1,700	180		2,900	2,600	1,500
185		2,400	2,200	1,600	185		2,500	2,400	1,500
190			1,900	1,600	190			2,100	1,400
195			1,700	1,500	195			1,800	1,400
200			1,400	1,300	200			1,500	1,400
205				1,100	205				1,300
210				900	210				1,000
					215				800

This information is not for crane operation. Operator must refer to the in-cab information for crane operation. Rated lifting capacities shown on fully extended outriggers do not exceed 85% of the tipping loads and on tires do not exceed 75% of the tipping loads.



A.I.S.C. Certified Erector



PCI P.C.I. Qualified Erector

**L. R. WILLSON & SONS, INC.**

773 ANNAPOLIS ROAD • PO BOX 227

GAMBRILLS, MARYLAND 21054

www.lrwilsonandsons.com

<b>39,500 lb Counterweight – Fully Extended Outriggers – 360° Rotation</b> (All Capacities Are Listed In Pounds)									
<b>140 ft Main Boom Length 30° Fly Offset</b>					<b>140 ft Main Boom Length 45° Fly Offset</b>				
Radius (ft)	Fly Length (ft)				Radius (ft)	Fly Length (ft)			
	35	58	74	90		35	58	74	90
35					35				
40					40				
45					45				
50					50				
55	10,000				55				
60	9,800				60				
65	9,700				65	8,800			
70	9,500				70	8,800			
75	9,400	5,700	4,600		75	8,700			
80	9,200	5,600	4,400	3,600	80	8,600			
85	9,100	5,500	4,200	3,400	85	8,600	4,900	3,700	
90	9,000	5,400	4,100	3,200	90	8,500	4,900	3,500	2,900
95	8,800	5,300	3,900	3,000	95	8,400	4,800	3,400	2,700
100	8,500	5,200	3,700	2,900	100	8,200	4,800	3,300	2,600
105	8,200	5,100	3,600	2,700	105	8,000	4,700	3,200	2,400
110	8,000	5,000	3,500	2,600	110	7,800	4,700	3,100	2,300
115	7,700	4,900	3,300	2,400	115	7,600	4,700	3,000	2,200
120	7,500	4,800	3,200	2,300	120	7,400	4,600	2,900	2,100
125	7,300	4,700	3,100	2,200	125	7,200	4,500	2,800	2,000
130	7,000	4,500	3,000	2,100	130	7,100	4,400	2,700	1,900
135	6,400	4,400	2,900	2,000	135	6,400	4,300	2,700	1,800
140	5,800	4,300	2,800	1,900	140		4,200	2,600	1,800
145	5,300	4,200	2,800	1,800	145		4,100	2,600	1,700
150	4,800	4,100	2,700	1,700	150		4,000	2,500	1,600
155	4,300	4,000	2,600	1,700	155		4,000	2,500	1,600
160		3,900	2,600	1,600	160		4,000	2,500	1,500
165		3,900	2,500	1,500	165		4,000	2,500	1,500
170		3,700	2,500	1,500	170			2,500	1,400
175		3,300	2,500	1,400	175			2,500	1,400
180		2,900	2,500	1,400	180				1,400
185			2,500	1,400	185				1,400
190			2,200	1,300	190				1,400
195			1,900	1,300					
200				1,300					
205				1,300					
210				1,100					

This information is not for crane operation. Operator must refer to the in-cab information for crane operation. Rated lifting capacities shown on fully extended outriggers do not exceed 85% of the tipping loads and on tires do not exceed 75% of the tipping loads.

**A.I.S.C. Certified Erector****PCI P.C.I. Qualified Erector**