

L. R. WILLSON & SONS, INC.

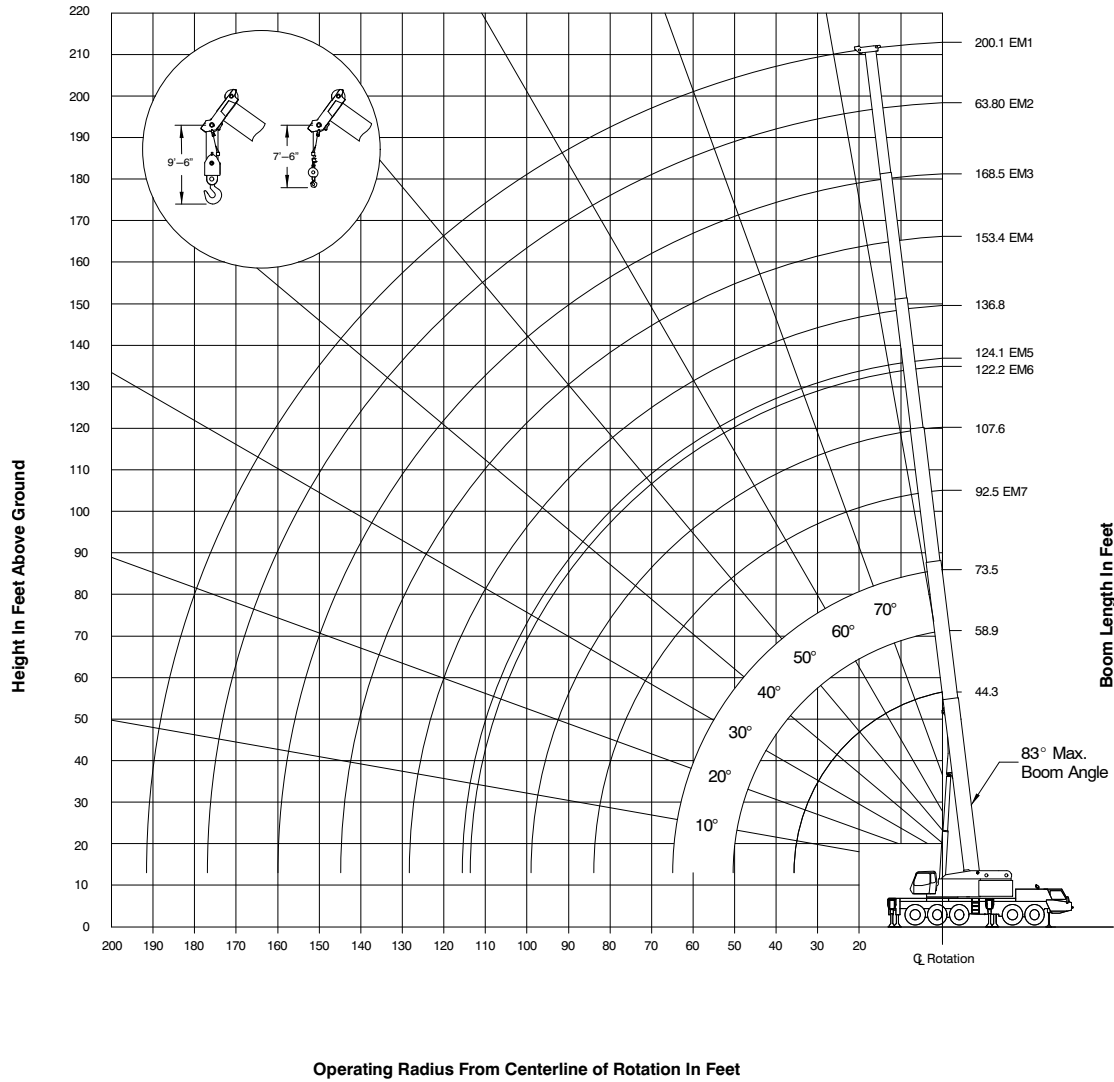
773 ANNAPOLIS ROAD • PO BOX 227

GAMBRILLS, MARYLAND 21054

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5747 (supersedes 5724)-0915-S3

Working Range Diagram – Main Boom



Link-Belt Cranes

ATC-3210



A.I.S.C. Certified Erector



PCI P.C.I. Qualified Erector

L. R. WILLSON & SONS, INC.

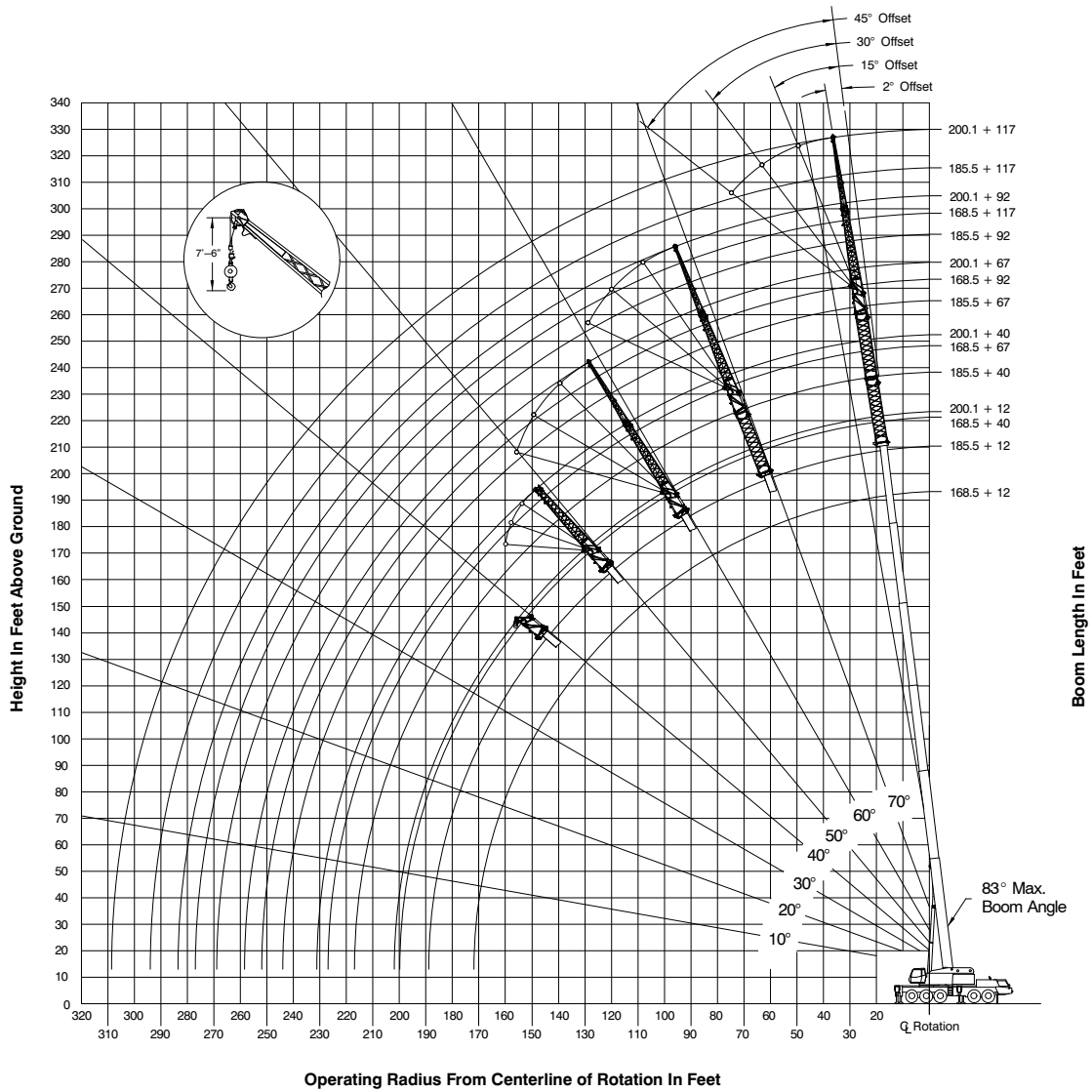
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5747 (supersedes 5724)-0915-S3

Working Range Diagram – Main Boom + Fly



ATC-3210

Link-Belt Cranes



A.I.S.C. Certified Erector



PCI P.C.I. Qualified Erector

L. R. WILLSON & SONS, INC.

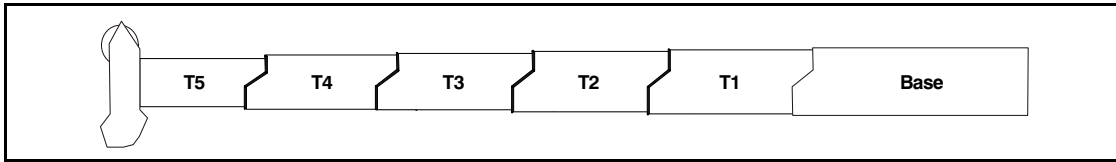
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5747 (supersedes 5724)–0915–S3

Boom Extend Modes



EM 1	Boom Length		Telescope Length				
	ft	m	T5	T4	T3	T2	T1
	44.3	13.5					
73.5	22.4	100%					
103.8	31.6	100%	100%				
134.9	41.1	100%	100%	100%			
167.1	50.9	100%	100%	100%	100%		
183.6	56.0	100%	100%	100%	100%	50%	
200.1	61.0	100%	100%	100%	100%	100%	

EM 2	Boom Length		Telescope Length				
	ft	m	T5	T4	T3	T2	T1
	44.3	13.5					
58.9	18.0	50%					
89.1	27.2	50%	100%				
120.3	36.7	50%	100%	100%			
152.4	46.5	50%	100%	100%	100%		
169.0	51.5	50%	100%	100%	100%	50%	
185.5	56.5	50%	100%	100%	100%	100%	

EM 3	Boom Length		Telescope Length				
	ft	m	T5	T4	T3	T2	T1
	44.3	13.5					
73.5	22.4	100%					
103.8	31.6	100%	100%				
119.3	36.4	100%	100%	50%			
135.4	41.3	100%	100%	50%	50%		
152.0	46.3	100%	100%	50%	50%	50%	
168.5	51.4	100%	100%	50%	50%	100%	

EM 4	Boom Length		Telescope Length				
	ft	m	T5	T4	T3	T2	T1
	44.3	13.5					
73.5	22.4	100%					
88.6	27.0	100%	50%				
104.2	31.8	100%	50%	50%			
120.3	36.7	100%	50%	50%	50%		
136.8	41.7	100%	50%	50%	50%	50%	
153.4	46.8	100%	50%	50%	50%	100%	

EM 5	Boom Length		Telescope Length				
	ft	m	T5	T4	T3	T2	T1
	44.3	13.5					
58.9	18.0	50%					
74.0	22.6	50%	50%				
89.6	27.3	50%	50%	50%			
105.7	32.2	50%	50%	50%	50%		
122.2	37.3	50%	50%	50%	50%	50%	

EM 6	Boom Length		Telescope Length				
	ft	m	T5	T4	T3	T2	T1
	44.3	13.5					
59.4	18.1		50%				
75.0	22.9		50%	50%			
91.0	27.7		50%	50%	50%		
107.6	32.8		50%	50%	50%	50%	
124.1	37.8		50%	50%	50%	50%	

EM 7	Boom Length		Telescope Length				
	ft	m	T5	T4	T3	T2	T1
	44.3	13.5					
59.9	18.3			50%			
75.9	23.1			50%	50%		
92.5	28.2			50%	50%	50%	



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5747 (supersedes 5724)–0915–S3

Main Boom Lift Capacity Charts – Standard

0 lb Counterweight - Fully Extended Outriggers - 360° Rotation (All Capacities Are Listed In Pounds)									
Radius (ft)	Boom Length (ft)								Radius (ft)
	44.27	58.9–59.8	73.5–75.9	88.6–92.4	103.7–107.5	119.3–124.1	134.9–136.8	151.9–153.3	
10	276,600	278,200	262,200	212,200					10
12	244,100	247,500	245,100	212,200					12
15	195,400	199,400	200,100	198,500	128,900				15
20	144,300	148,500	149,700	149,200	147,400	120,900	91,400		20
25	86,100	94,600	98,000	98,700	97,400	94,600	91,400	65,300	25
30	55,200	63,000	67,100	68,700	68,700	67,500	65,600	65,300	30
35	37,900	45,500	49,200	50,700	51,700	51,500	51,400	48,500	35
40		34,300	37,800	39,200	40,100	39,900	39,800	37,100	40
45		26,400	30,100	31,400	32,300	32,100	32,000	29,500	45
50		20,600	24,300	25,600	26,400	26,300	26,200	23,800	50
55			19,700	21,200	22,000	21,800	21,700	19,400	55
60			16,200	17,600	18,400	18,300	18,200	16,200	60
65			12,500	14,800	15,700	15,700	15,600	13,400	65
70				12,400	13,400	13,300	13,200	11,100	70
75				10,400	11,300	11,300	11,300	9,200	75
80				8,700	9,600	9,700	9,600	7,500	80
85					8,100	8,200	8,200	6,100	85
90					6,800	6,900	6,900	4,900	90
95					5,700	5,700	5,800	3,800	95
100						4,700	4,800	2,900	100
105						3,800	3,900		105
110						3,100	3,100		110
115							2,300		115

Note: Capacities depict multiple boom modes.

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.



A.I.S.C. Certified Erector



PCI P.C.I. Qualified Erector

L. R. WILLSON & SONS, INC.

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5747 (supersedes 5724)-0915-S3

36,000 lb Counterweight - Fully Extended Outriggers - 360° Rotation (All Capacities Are Listed In Pounds)												
Radius (ft)	Boom Length (ft)										Radius (ft)	
	44.3	58.9-59.8	73.5-75.9	88.6-92.4	103.7-107.5	119.3-124.1	134.9-136.8	151.9-153.3	167-168.9	183.6-185.5		200.1
10	284,500	285,800	262,200	212,200								10
12	255,100	257,000	255,100	212,200								12
15	220,100	222,600	221,100	205,500	128,900							15
20	163,600	167,700	168,800	168,100	166,100	129,700	91,400					20
25	128,100	132,400	133,600	133,200	131,700	120,900	91,400	73,000	41,200			25
30	100,800	108,400	110,800	110,000	110,500	108,200	85,500	73,000	55,000	41,300		30
35	73,200	80,800	83,300	83,700	82,800	80,700	79,100	73,000	55,000	41,300	33,000	35
40		63,100	65,600	66,000	65,200	66,900	65,000	63,400	55,000	41,300	33,000	40
45		50,700	54,100	54,100	55,500	54,500	52,800	53,500	52,100	41,300	33,000	45
50		41,700	45,300	46,600	46,600	45,700	46,400	44,700	43,400	41,300	33,000	50
55			38,300	39,700	39,700	40,300	39,400	37,800	37,600	37,400	33,000	55
60			32,800	34,300	35,000	34,800	34,700	32,700	33,500	32,300	31,300	60
65			27,500	29,800	30,700	30,600	30,500	28,300	29,100	27,900	26,900	65
70				26,100	27,000	26,900	26,800	24,700	25,500	24,300	23,400	70
75				23,000	23,900	23,900	23,700	21,600	22,500	21,300	20,300	75
80				20,400	21,200	21,200	21,100	19,100	19,900	18,700	17,800	80
85					18,900	19,000	18,900	17,000	17,600	16,800	15,900	85
90					17,000	17,100	17,100	15,100	15,900	14,800	13,900	90
95					15,300	15,300	15,400	13,400	14,200	13,100	12,200	95
100						13,800	13,800	11,900	12,700	11,600	10,800	100
105						12,400	12,400	10,600	11,300	10,300	9,400	105
110						11,200	11,200	9,300	10,100	9,100	8,200	110
115						3,600	10,000	8,200	9,100	8,000	7,200	115
120							9,000	7,200	8,000	7,000	6,200	120
125							8,100	6,300	7,100	6,100	5,300	125
130								5,500	6,300	5,300	4,500	130
135								4,700	5,500	4,600	3,700	135
140								4,000	4,800	3,800	3,000	140
145									4,100	3,200	2,400	145
150									3,600	2,600		150
155									3,000			155

Note: Capacities depict multiple boom modes.

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.

Link-Belt Cranes

ATC-3210



A.I.S.C. Certified Erector



PCI P.C.I. Qualified Erector

L. R. WILLSON & SONS, INC.

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GAMBRILLS, MARYLAND 21054

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5747 (supersedes 5724)–0915–S3

Main Boom Lift Capacity Charts – Optional

58,000 lb Counterweight - Fully Extended Outriggers - 360° Rotation (All Capacities Are Listed In Pounds)												
Radius (ft)	Boom Length (ft)										Radius (ft)	
	44.27	58.9–59.8	73.5–75.9	88.6–92.4	103.7–107.5	119.3–124.1	134.9–136.8	151.9–153.3	167–168.9	183.6–185.5		200.1
10	288,300	289,400	262,200	212,200								10
12	259,500	261,200	256,800	212,200								12
15	224,000	226,300	224,900	205,500	128,900							15
20	175,400	179,400	178,100	176,400	172,300	129,700	91,400					20
25	137,700	141,900	143,100	142,600	140,900	120,900	91,400	73,000	41,200			25
30	111,900	117,200	117,600	117,300	115,800	117,400	85,500	73,000	55,000	41,300		30
35	93,100	98,500	99,800	99,200	100,600	99,100	79,100	73,000	55,000	41,300	33,000	35
40		80,700	83,200	83,600	82,700	80,800	73,500	69,700	55,000	41,300	33,000	40
45		65,600	68,300	68,700	67,900	66,100	67,600	63,800	55,000	41,300	33,000	45
50		54,600	57,300	57,700	56,900	58,400	56,700	55,300	53,500	41,300	33,000	50
55			48,800	49,400	51,100	50,200	48,500	48,900	47,900	41,300	33,000	55
60			42,100	43,100	44,400	43,500	42,700	42,600	41,400	40,200	33,000	60
65			36,700	38,900	39,000	38,200	38,800	37,300	36,000	35,000	33,000	65
70				34,500	34,700	34,100	34,500	33,100	31,900	32,700	31,800	70
75				30,700	30,900	31,600	30,800	29,400	28,500	29,000	28,100	75
80				26,900	27,700	28,400	27,600	26,200	26,700	25,900	24,900	80
85					25,400	25,600	25,300	23,500	24,300	23,200	22,200	85
90					23,200	23,200	23,200	21,100	21,900	20,800	19,900	90
95					21,100	21,100	21,100	19,100	19,800	18,700	17,800	95
100						19,200	19,200	17,200	18,000	17,100	16,300	100
105						17,500	17,500	15,800	16,600	15,500	14,600	105
110						16,100	16,100	14,300	15,100	14,100	13,200	110
115						8,300	14,800	12,900	13,800	12,700	11,900	115
120							13,500	11,700	12,500	11,500	10,700	120
125							12,400	10,600	11,400	10,400	9,600	125
130								9,600	10,400	9,400	8,600	130
135								8,600	9,400	8,500	7,700	135
140								7,800	8,600	7,600	6,800	140
145									7,800	6,800	6,000	145
150									7,100	6,100	5,300	150
155									6,400	5,400	4,600	155
160									4,000	4,800	4,000	160
165										4,200	3,400	165
170											2,800	170
175											2,300	175

Note: Capacities depict multiple boom modes.

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.



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5747 (supersedes 5724)-0915-S3

80,000 lb Counterweight - Fully Extended Outriggers - 360° Rotation (All Capacities Are Listed In Pounds)												
Radius (ft)	Boom Length (ft)										Radius (ft)	
	44.3	58.9-59.8	73.5-75.9	88.6-92.4	103.7-107.5	119.3-124.1	134.9-136.8	151.9-153.3	167-168.9	183.6-185.5		200.1
10	291,800	292,600	262,200	212,200								10
12	263,100	264,700	256,800	212,200								12
15	227,800	230,100	228,400	205,500	128,900							15
20	184,200	187,100	186,000	184,500	172,300	129,700	91,400					20
25	147,200	151,400	152,600	149,000	150,400	120,900	91,400	73,000	41,200			25
30	120,000	124,200	125,500	125,100	123,600	118,300	85,500	73,000	55,000	41,300		30
35	100,100	105,400	105,800	105,500	104,200	105,800	79,100	73,000	55,000	41,300	33,000	35
40		90,400	90,800	90,700	91,600	91,000	73,500	69,700	55,000	41,300	33,000	40
45		78,600	80,800	81,400	80,900	79,500	68,600	63,800	55,000	41,300	33,000	45
50		66,400	70,100	70,500	69,700	68,100	64,100	58,600	53,500	41,300	33,000	50
55			60,100	60,700	59,900	58,300	59,700	54,100	50,500	41,300	33,000	55
60			52,300	52,900	52,100	53,300	51,900	50,100	47,600	40,200	33,000	60
65			45,300	46,600	46,000	47,400	45,800	44,500	44,300	37,800	33,000	65
70				41,300	43,000	42,200	40,600	40,800	40,100	35,600	33,000	70
75				36,900	38,500	37,800	36,200	36,900	35,700	33,700	32,600	75
80				33,200	34,700	34,200	33,700	33,400	32,200	31,200	30,800	80
85					31,600	30,900	31,600	30,200	29,000	28,000	28,900	85
90					28,700	28,100	28,800	27,400	26,300	25,800	26,100	90
95					25,500	25,700	26,300	24,900	23,800	24,400	23,700	95
100						24,500	24,100	22,800	21,700	22,400	21,500	100
105						22,700	22,100	20,800	19,900	20,500	19,600	105
110						21,000	20,300	19,100	18,900	18,800	17,900	110
115						13,000	18,700	17,500	17,900	17,200	16,600	115
120							17,600	16,200	16,000	16,000	15,200	120
125							16,700	14,900	15,700	14,700	13,900	125
130								13,700	14,500	13,500	12,700	130
135								12,600	13,400	12,400	11,600	135
140								11,600	12,400	11,400	10,600	140
145									11,400	10,500	9,700	145
150									10,600	9,600	8,800	150
155									9,800	8,800	8,000	155
160									7,200	8,100	7,300	160
165										7,400	6,600	165
170										6,700	5,900	170
175										4,500	5,300	175
180											4,700	180
185											4,200	185

Note: Capacities depict multiple boom modes.

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5747 (supersedes 5724)–0915–S3

102,000 lb Counterweight - Fully Extended Outriggers - 360° Rotation (All Capacities Are Listed In Pounds)												
Radius (ft)	Boom Length (ft)										Radius (ft)	
	44.3	58.9–59.8	73.5–75.9	88.6–92.4	103.7–107.5	119.3–124.1	134.9–136.8	151.9–153.3	167–168.9	183.6–185.5		200.1
10	295,200	295,700	262,200	212,200								10
12	266,300	267,700	256,800	212,200								12
15	231,400	233,500	231,800	205,500	128,900							15
20	187,400	190,300	189,100	184,600	172,300	129,700	91,400					20
25	156,100	159,200	158,300	157,100	153,000	120,900	91,400	73,000	41,200			25
30	128,000	132,300	133,500	131,200	131,600	118,300	85,500	73,000	55,000	41,300		30
35	107,000	111,400	112,700	112,500	111,100	107,800	79,100	73,000	55,000	41,300	33,000	35
40		96,500	97,000	96,800	95,500	97,100	73,500	69,700	55,000	41,300	33,000	40
45		84,100	84,600	84,400	83,900	84,900	68,600	63,800	55,000	41,300	33,000	45
50		73,100	76,200	76,400	76,300	74,900	64,100	58,600	53,500	41,300	33,000	50
55			68,000	68,600	68,100	66,800	60,400	54,100	50,500	41,300	33,000	55
60			61,100	61,700	61,200	59,900	57,000	50,100	47,600	40,200	33,000	60
65			53,200	55,700	55,100	53,500	54,000	46,500	44,300	37,800	33,000	65
70				49,700	49,200	47,700	49,000	43,300	41,400	35,600	33,000	70
75				44,600	44,100	45,200	44,000	40,500	38,700	33,700	32,600	75
80				39,500	39,800	41,200	39,700	37,900	36,400	31,900	30,800	80
85					36,800	37,500	36,000	34,900	34,200	30,200	29,100	85
90					34,900	34,300	33,000	33,300	32,200	28,600	27,600	90
95					30,000	31,400	30,100	30,800	29,700	27,200	26,200	95
100						28,900	27,600	28,300	27,200	25,800	25,000	100
105						26,700	26,300	26,000	25,000	24,000	23,800	105
110						24,700	25,200	24,000	23,000	22,000	22,400	110
115						17,700	23,400	22,200	21,200	20,200	21,000	115
120							21,800	20,500	19,500	18,900	19,400	120
125							20,300	19,000	18,000	18,000	17,900	125
130								17,700	16,800	17,200	16,800	130
135								16,500	15,500	16,400	15,600	135
140								15,400	14,400	15,200	14,400	140
145									13,300	14,100	13,300	145
150									12,700	13,100	12,300	150
155									12,100	12,200	11,400	155
160									10,200	11,300	10,500	160
165										10,500	9,700	165
170										9,800	9,000	170
175										7,500	8,300	175
180											7,600	180
185											7,000	185

Note: Capacities depict multiple boom modes.

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A.I.S.C. Certified Erector



PCI P.C.I. Qualified Erector

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GAMBRILLS, MARYLAND 21054

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5747 (supersedes 5724)–0915–S3

115,500 lb Counterweight - Fully Extended Outriggers - 360° Rotation (All Capacities Are Listed In Pounds)												
Radius (ft)	Boom Length (ft)											Radius (ft)
	44.3	58.9–59.8	73.5–75.9	88.6–92.4	103.7–107.5	119.3–124.1	134.9–136.8	151.9–153.3	167–168.9	183.6–185.5	200.1	
8	420,000 **											8
10	300,000	297,300	262,200	212,200								10
12	268,200	269,500	256,800	212,200								12
15	233,200	235,200	232,200	205,500	128,900							15
20	189,400	192,100	191,000	184,600	172,300	129,700	91,400					20
25	157,800	160,900	160,000	158,700	153,000	120,900	91,400	73,000	41,200			25
30	133,000	137,200	136,300	135,000	136,500	118,300	85,500	73,000	55,000	41,300		30
35	111,300	115,700	117,000	116,700	115,300	107,800	79,100	73,000	55,000	41,300	33,000	35
40		99,400	100,700	100,500	99,200	98,900	73,500	69,700	55,000	41,300	33,000	40
45		87,400	87,800	87,700	86,500	88,000	68,600	63,800	55,000	41,300	33,000	45
50		76,100	77,500	77,400	77,400	77,900	64,100	58,600	53,500	41,300	33,000	50
55			70,700	70,800	70,800	69,400	60,400	54,100	50,500	41,300	33,000	55
60			63,700	64,200	63,800	62,400	57,000	50,100	47,600	40,200	33,000	60
65			55,900	58,200	57,700	56,300	54,000	46,500	44,300	37,800	33,000	65
70				53,000	52,500	51,300	51,300	43,300	41,400	35,600	33,000	70
75				48,500	48,000	46,800	48,100	40,500	38,700	33,700	32,600	75
80				42,200	44,100	42,900	44,100	37,900	36,400	31,900	30,800	80
85					40,100	40,900	40,100	35,600	34,200	30,200	29,100	85
90					36,600	38,000	36,600	33,400	32,200	28,600	27,600	90
95					33,600	34,900	33,700	31,700	30,300	27,200	26,200	95
100						32,300	31,000	30,400	28,600	25,800	25,000	100
105						29,900	28,500	29,100	27,100	24,400	23,800	105
110						25,000	26,400	27,100	25,600	23,000	22,400	110
115						20,600	24,400	25,100	24,100	21,600	21,400	115
120							23,300	23,300	22,300	20,400	20,400	120
125							21,000	21,700	20,700	19,400	19,600	125
130								20,200	19,200	18,300	18,700	130
135								18,800	17,800	17,100	17,700	135
140								17,600	16,700	15,900	16,700	140
145									15,500	15,000	15,600	145
150									14,500	14,400	14,500	150
155									13,500	13,800	13,500	155
160									10,200	13,200	12,500	160
165										12,500	11,700	165
170										11,700	10,800	170
175										9,300	10,100	175
180											9,400	180
185											8,700	185

Note: Capacities depict multiple boom modes.
 ** Over rear intermediate outriggers, additional equipment required.

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.



L. R. WILLSON & SONS, INC.

773 ANNAPOLIS ROAD • PO BOX 227

GAMBRILLS, MARYLAND 21054

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5747 (supersedes 5724)–0915–S3

Manual & Hydraulic Offset Fly Attachment Lift Capacity Charts – Optional

36,000 lb Counterweight - Fully Extended Outriggers - 360° Rotation (All Capacities Are Listed In Pounds)												
Main Boom + 12 ft Offset Fly (Manual Offsets 2°, 15°, 30°, 45° & Hydraulic Offsets 2° - 45°)												
Radius (ft)	Main Boom Length (ft)											Radius (ft)
	44.3	58.9	73.5	89.1	103.7	119.3–120.3	134.9–135.4	151.9–152.4	167–168.9	183.6–185.5	200.1	
10	69,600	69,500	69,400	69,400								10
12	69,600	69,500	69,400	69,400								12
15	69,600	69,500	69,400	69,400	62,700	61,000						15
20	69,600	69,500	69,400	69,400	62,700	61,000	42,600					20
25	69,600	69,500	69,400	69,400	61,800	61,000	55,600	55,000	43,000			25
30	66,700	69,500	64,100	62,300	55,000	58,300	55,600	55,000	43,000	35,400	28,400	30
35	61,800	69,400	57,500	56,000	49,400	52,600	55,600	55,000	43,000	35,400	28,100	35
40	57,700	64,900	51,300	50,700	45,000	48,000	51,100	53,400	43,000	35,400	28,100	40
45	49,700	52,600	46,300	46,300	41,100	44,300	47,200	49,600	43,000	35,400	28,100	45
50		43,800	42,600	42,600	37,700	40,900	43,900	43,600	42,200	35,400	28,100	50
55		37,000	38,800	38,700	34,800	37,900	38,400	36,700	35,300	34,100	28,100	55
60		31,800	33,500	33,400	32,200	34,100	33,200	31,600	32,300	31,000	28,100	60
65			29,100	29,000	30,000	29,700	29,400	27,200	27,900	26,700	25,600	65
70			25,500	25,400	26,400	26,100	25,800	23,600	24,300	23,100	22,000	70
75			22,600	22,400	23,300	23,000	22,700	20,600	21,200	20,000	19,000	75
80				19,800	20,700	20,400	20,100	18,000	18,700	17,500	16,800	80
85				17,600	18,500	18,200	17,900	16,000	16,700	15,500	14,600	85
90				15,800	16,700	16,400	16,100	14,100	14,700	13,600	12,700	90
95					15,000	14,600	14,400	12,400	13,000	11,900	11,000	95
100					13,500	13,100	12,900	10,900	11,500	10,400	9,500	100
105					12,200	11,800	11,500	9,600	10,200	9,100	8,200	105
110						10,600	10,300	8,400	9,000	7,900	7,000	110
115						9,500	9,300	7,300	7,900	6,800	5,900	115
120						8,600	8,300	6,300	6,900	5,900	4,900	120
125							7,400	5,400	6,000	5,000	4,100	125
130							6,600	4,600	5,200	4,200	3,300	130
135							5,900	3,900	4,500	3,400	2,500	135
140								3,200	3,800	2,700		140
145								2,600	3,200	2,100		145
150									2,600			150
155									2,100			155

Note: Capacities depict multiple boom modes.

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.



L. R. WILLSON & SONS, INC.

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GAMBRILLS, MARYLAND 21054

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5747 (supersedes 5724)–0915–S3

115,500 lb Counterweight - Fully Extended Outriggers - 360° Rotation (All Capacities Are Listed In Pounds)												
Main Boom + 12 ft Offset Fly (Manual Offsets 2°, 15°, 30°, 45° & Hydraulic Offsets 2° - 45°)												
Radius (ft)	Main Boom Length (ft)										Radius (ft)	
	44.3	58.9	73.5	89.1	103.7	119.3–120.3	134.9–135.4	151.9–152.4	167–168.9	183.6–185.5		200.1
10	69,600	69,500	69,400	69,400								10
12	69,600	69,500	69,400	69,400								12
15	69,600	69,500	69,400	69,400	62,700	61,000						15
20	69,600	69,500	69,400	69,400	62,700	61,000	42,600					20
25	69,600	69,500	69,400	69,400	61,800	61,000	55,600	55,000	43,000			25
30	66,700	69,500	64,100	62,300	55,000	58,300	55,600	55,000	43,000	35,400	28,400	30
35	61,800	69,400	57,500	56,000	49,400	52,800	55,600	55,000	43,000	35,400	28,100	35
40	57,700	66,200	51,300	50,700	45,000	48,000	51,100	53,400	43,000	35,400	28,100	40
45	54,700	62,300	46,300	46,300	41,100	44,300	47,200	49,600	43,000	35,400	28,100	45
50		59,000	42,600	42,600	37,700	40,900	43,900	46,300	43,000	35,400	28,100	50
55		55,900	39,000	38,900	34,800	37,900	40,900	43,300	43,000	35,400	28,100	55
60		53,000	35,900	35,800	32,200	35,300	38,200	40,700	42,100	35,400	28,100	60
65			33,200	33,000	30,000	33,000	35,900	38,300	39,800	35,200	28,100	65
70			30,900	30,600	27,900	31,000	33,800	36,200	37,800	33,100	28,100	70
75			28,900	28,500	25,900	29,100	31,900	34,300	35,900	31,100	28,100	75
80				26,600	24,200	27,400	30,200	32,500	34,200	29,400	28,100	80
85				25,000	22,600	25,700	28,600	30,900	32,500	27,700	26,800	85
90				23,500	21,500	24,200	27,100	29,400	30,500	26,200	25,300	90
95					20,100	22,800	25,700	28,100	28,700	24,800	23,900	95
100					18,900	21,800	24,300	26,800	27,000	23,500	22,700	100
105					17,900	20,600	23,100	25,600	25,400	22,000	21,400	105
110						19,500	22,100	24,400	24,000	21,000	20,400	110
115						18,600	21,000	23,300	22,700	20,000	19,400	115
120						17,700	20,100	22,300	21,200	19,000	18,400	120
125							19,200	20,800	19,600	17,900	17,500	125
130							18,400	19,300	18,200	16,900	16,700	130
135							17,600	18,000	17,000	16,000	15,900	135
140								16,900	15,800	14,800	15,200	140
145								15,800	14,700	13,700	14,400	145
150								11,300	13,600	12,600	13,300	150
155									12,600	11,900	12,300	155
160									11,700	11,300	11,400	160
165									10,900	10,800	10,600	165
170									10,100	10,300	9,800	170
175										9,800	9,000	175
180										9,200	8,300	180
185											7,700	185
190											7,100	190
195											6,500	195

Note: Capacities depict multiple boom modes.

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.



L. R. WILLSON & SONS, INC.

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5747 (supersedes 5724)–0915–S3

Manual Offset Fly Attachment Lift Capacity Charts – Optional

36,000 lb Counterweight - Fully Extended Outriggers - 360° Rotation (All Capacities Are Listed In Pounds)									
200.1 ft Main Boom Length									
Radius (ft)	40 ft Manual Offset Fly				67 ft Manual Offset Fly				Radius (ft)
	2°	15°	30°	45°	2°	15°	30°	45°	
35									35
40	16,100								40
45	16,100	16,100			10,800				45
50	16,100	16,100			10,800				50
55	16,100	16,100			10,800				55
60	16,100	16,100	15,900		10,800				60
65	16,100	16,100	15,900	15,600	10,800	10,800			65
70	16,100	16,100	15,900	15,600	10,800	10,800			70
75	16,100	16,100	15,900	15,600	10,800	10,800			75
80	16,100	16,100	15,900	15,600	10,800	10,800	10,700		80
85	15,700	16,100	15,900	15,600	10,800	10,800	10,700		85
90	13,700	14,900	15,900	15,600	10,800	10,800	10,700		90
95	12,000	13,100	14,200	15,000	10,800	10,800	10,700	10,300	95
100	10,500	11,500	12,500	13,300	10,800	10,800	10,700	10,100	100
105	9,100	10,100	11,000	11,700	9,900	10,800	10,700	9,900	105
110	7,900	8,800	9,600	10,300	8,700	10,200	10,700	9,800	110
115	6,800	7,600	8,400	9,000	7,600	9,000	10,500	9,600	115
120	5,800	6,600	7,300	7,900	6,600	7,900	9,300	9,500	120
125	4,900	5,600	6,300	6,800	5,700	6,900	8,200	9,300	125
130	4,100	4,800	5,400	5,900	4,800	6,000	7,200	8,200	130
135	3,300	4,000	4,600	5,000	4,000	5,200	6,300	7,200	135
140	2,600	3,200	3,800	4,200	3,300	4,400	5,500	6,300	140
145		2,600	3,100	3,400	2,700	3,700	4,700	5,500	145
150			2,400	2,700	2,100	3,000	4,000	4,700	150
155				2,100		2,400	3,300	3,900	155
160							2,700	3,300	160
165							2,100	2,600	165

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.



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

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5747 (supersedes 5724)–0915–S3

115,500 lb Counterweight - Fully Extended Outriggers - 360° Rotation (All Capacities Are Listed In Pounds)									
200.1 ft Main Boom Length									
Radius (ft)	40 ft Manual Offset Fly				67 ft Manual Offset Fly				Radius (ft)
	2°	15°	30°	45°	2°	15°	30°	45°	
35									35
40	16,100								40
45	16,100				10,800				45
50	16,100	16,100			10,800				50
55	16,100	16,100			10,800				55
60	16,100	16,100	15,900		10,800				60
65	16,100	16,100	15,900	15,600	10,800	10,800			65
70	16,100	16,100	15,900	15,600	10,800	10,800			70
75	16,100	16,100	15,900	15,600	10,800	10,800			75
80	16,100	16,100	15,900	15,600	10,800	10,800	10,700		80
85	16,100	16,100	15,900	15,600	10,800	10,800	10,700		85
90	16,100	16,100	15,900	15,600	10,800	10,800	10,700		90
95	16,100	16,100	15,900	15,600	10,800	10,800	10,700	10,300	95
100	16,100	16,100	15,900	15,600	10,800	10,800	10,700	10,100	100
105	16,100	16,100	15,900	15,600	10,800	10,800	10,700	9,900	105
110	16,100	16,100	15,900	15,600	10,800	10,800	10,700	9,800	110
115	16,100	16,100	15,900	15,600	10,800	10,800	10,700	9,600	115
120	16,100	16,100	15,900	15,600	10,800	10,800	10,700	9,500	120
125	16,000	16,000	15,900	15,600	10,800	10,800	10,500	9,400	125
130	15,300	15,300	15,200	15,200	10,800	10,800	10,300	9,200	130
135	14,500	14,500	14,500	14,500	10,800	10,800	10,100	9,100	135
140	13,800	13,800	13,900	13,900	10,800	10,800	9,900	9,000	140
145	13,200	13,200	13,200	13,200	10,800	10,800	9,700	8,900	145
150	12,600	12,600	12,600	12,600	10,800	10,800	9,600	8,800	150
155	12,000	12,000	12,100	12,100	10,800	10,800	9,400	8,700	155
160	11,400	11,500	11,500	11,500	10,600	10,500	9,300	8,600	160
165	10,900	11,000	11,000	11,000	10,100	10,300	9,100	8,500	165
170	10,400	10,500	10,500	10,500	9,700	9,800	9,000	8,400	170
175	9,700	10,000	10,000	10,100	9,200	9,300	8,900	8,400	175
180	9,000	9,300	9,600	9,600	8,800	8,900	8,700	8,300	180
185	8,300	8,600	8,900	9,000	8,400	8,500	8,600	8,300	185
190	7,700	8,000	8,200	8,300	8,000	8,100	8,200	8,200	190
195	7,100	7,400	7,600	7,600	7,600	7,700	7,800	7,900	195
200	6,500	6,800	6,900		7,100	7,400	7,500	7,500	200
205	6,000	6,200	6,400		6,600	7,000	7,100	7,200	205
210	5,500	5,700	5,800		6,100	6,500	6,800	6,800	210
215	5,000	5,200	5,300		5,600	6,000	6,300	6,400	215
220	4,600	4,700			5,100	5,500	5,800	5,800	220
225	4,200	4,300			4,700	5,000	5,300		225
230					4,300	4,600	4,800		230
235					3,900	4,100	4,300		235
240					3,500	3,700	3,800		240
245					3,100	3,300	3,400		245
250					2,800	2,900			250

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.



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5747 (supersedes 5724)–0915–S3

115,500 lb Counterweight - Fully Extended Outriggers - 360° Rotation (All Capacities Are Listed In Pounds)									
200.1 ft Main Boom Length									
Radius (ft)	92 ft Manual Offset Fly				117 ft Manual Offset Fly				Radius (ft)
	2°	15°	30°	45°	2°	15°	30°	45°	
55	8,200								55
60	8,200				6,700				60
65	8,200				6,700				65
70	8,200				6,700				70
75	8,200	8,100			6,700				75
80	8,200	8,100			6,700	6,600			80
85	8,200	8,100			6,700	6,600			85
90	8,200	8,100	8,000		6,700	6,600			90
95	8,200	8,100	8,000		6,700	6,600	6,400		95
100	8,200	8,100	8,000	7,800	6,700	6,600	6,400		100
105	8,200	8,100	8,000	7,800	6,700	6,600	6,400		105
110	8,200	8,100	8,000	7,800	6,700	6,600	6,400	6,300	110
115	8,200	8,100	8,000	7,800	6,700	6,600	6,400	6,300	115
120	8,200	8,100	8,000	7,800	6,700	6,600	6,400	6,300	120
125	8,200	8,100	8,000	7,800	6,700	6,600	6,400	6,300	125
130	8,200	8,100	8,000	7,800	6,700	6,600	6,400	6,300	130
135	8,200	8,100	8,000	7,800	6,700	6,600	6,400	6,300	135
140	8,200	8,100	8,000	7,800	6,700	6,600	6,400	6,300	140
145	8,200	8,100	8,000	7,800	6,700	6,600	6,400	6,100	145
150	8,200	8,100	8,000	7,700	6,700	6,600	6,300	5,900	150
155	8,200	8,100	8,000	7,500	6,700	6,600	6,100	5,800	155
160	8,200	8,100	7,900	7,400	6,700	6,400	5,900	5,600	160
165	8,200	8,100	7,700	7,200	6,700	6,200	5,700	5,400	165
170	8,200	8,100	7,500	7,100	6,500	6,000	5,500	5,300	170
175	8,000	8,100	7,400	7,000	6,300	5,800	5,400	5,100	175
180	7,600	7,800	7,200	6,900	6,100	5,600	5,200	4,900	180
185	7,200	7,400	7,100	6,700	5,800	5,400	5,000	4,800	185
190	6,800	7,000	6,900	6,600	5,600	5,200	4,800	4,600	190
195	6,500	6,700	6,800	6,500	5,400	5,000	4,700	4,500	195
200	6,100	6,300	6,500	6,400	5,100	4,800	4,500	4,400	200
205	5,800	6,000	6,100	6,200	4,700	4,600	4,400	4,200	205
210	5,500	5,600	5,800	5,900	4,400	4,500	4,200	4,100	210
215	5,200	5,300	5,500	5,600	4,100	4,300	4,100	4,000	215
220	4,900	5,000	5,200	5,300	3,800	4,100	3,900	3,900	220
225	4,500	4,800	4,900	5,000	3,600	3,800	3,800	3,800	225
230	4,100	4,500	4,600	4,700	3,300	3,500	3,700	3,600	230
235	3,700	4,100	4,300	4,400	3,100	3,300	3,500	3,500	235
240	3,300	3,700	4,000	4,000	2,800	3,000	3,200	3,300	240
245	2,900	3,300	3,500	3,500	2,600	2,800	2,900	3,000	245
250	2,600	2,900	3,100		2,400	2,600	2,700	2,800	250
255	2,300	2,500	2,700			2,300	2,500	2,500	255
260		2,200	2,300				2,200	2,300	260

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.



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

5747 (supersedes 5724)–0915–S3

Hydraulic Offset Fly Attachment Lift Capacity Charts – Optional

36,000 lb Counterweight - Fully Extended Outriggers - 360° Rotation (All Capacities Are Listed In Pounds)							
200.1 ft Main Boom Length							
Radius (ft)	40 ft Hydraulic Offset Fly			67 ft Hydraulic Offset Fly			Radius (ft)
	2° - 15°	15° - 30°	30° - 45°	2° - 15°	15° - 30°	30° - 45°	
35							35
40	16,100						40
45	16,000	16,000		10,800			45
50	16,000	16,000		10,800			50
55	16,000	15,800	15,800	10,800			55
60	16,000	15,800	15,800	10,800			60
65	16,000	15,800	15,600	10,800	10,800		65
70	16,000	15,800	15,600	10,800	10,800		70
75	16,000	15,800	15,600	10,800	10,800	10,700	75
80	16,000	15,800	15,600	10,800	10,700	10,700	80
85	15,700	15,800	15,600	10,800	10,700	10,700	85
90	13,700	14,900	15,600	10,800	10,700	10,400	90
95	12,000	13,100	14,200	10,800	10,700	10,300	95
100	10,500	11,500	12,500	10,800	10,700	10,100	100
105	9,100	10,100	11,000	9,900	10,700	9,900	105
110	7,900	8,800	9,600	8,700	10,200	9,800	110
115	6,800	7,600	8,400	7,600	9,000	9,600	115
120	5,800	6,600	7,300	6,600	7,900	9,300	120
125	4,900	5,600	6,300	5,700	6,900	8,200	125
130	4,100	4,800	5,400	4,800	6,000	7,200	130
135	3,300	4,000	4,600	4,000	5,200	6,300	135
140	2,600	3,200	3,800	3,300	4,400	5,500	140
145		2,600	3,100	2,700	3,700	4,700	145
150			2,400	2,100	3,000	4,000	150
155					2,400	3,300	155
160						2,700	160
165						2,100	165

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5747 (supersedes 5724)–0915–S3

115,500 lb Counterweight - Fully Extended Outriggers - 360° Rotation (All Capacities Are Listed In Pounds)							
200.1 ft Main Boom Length							
Radius (ft)	40 ft Hydraulic Offset Fly			67 ft Hydraulic Offset Fly			Radius (ft)
	2° - 15°	15° - 30°	30° - 45°	2° - 15°	15° - 30°	30° - 45°	
35							35
40	16,100						40
45	16,000	16,000		10,800			45
50	16,000	16,000		10,800			50
55	16,000	15,800	15,800	10,800			55
60	16,000	15,800	15,800	10,800	10,800		60
65	16,000	15,800	15,600	10,800	10,800		65
70	16,000	15,800	15,600	10,800	10,800		70
75	16,000	15,800	15,600	10,800	10,700	10,700	75
80	16,000	15,800	15,600	10,800	10,700	10,700	80
85	16,000	15,800	15,600	10,800	10,700	10,700	85
90	16,000	15,800	15,600	10,800	10,700	10,400	90
95	16,000	15,800	15,600	10,800	10,700	10,300	95
100	16,000	15,800	15,600	10,800	10,700	10,100	100
105	16,000	15,800	15,600	10,800	10,700	9,900	105
110	16,000	15,800	15,600	10,800	10,700	9,800	110
115	16,000	15,800	15,600	10,800	10,700	9,600	115
120	16,000	15,800	15,600	10,800	10,700	9,500	120
125	16,000	15,800	15,600	10,800	10,500	9,400	125
130	15,300	15,200	15,200	10,800	10,300	9,200	130
135	14,500	14,500	14,500	10,800	10,100	9,100	135
140	13,800	13,800	13,900	10,800	9,900	9,000	140
145	13,200	13,200	13,200	10,800	9,700	8,900	145
150	12,600	12,600	12,600	10,800	9,600	8,800	150
155	12,000	12,000	12,100	10,800	9,400	8,700	155
160	11,400	11,500	11,500	10,500	9,300	8,600	160
165	10,900	11,000	11,000	10,100	9,100	8,500	165
170	10,400	10,500	10,500	9,700	9,000	8,400	170
175	9,700	10,000	10,000	9,200	8,900	8,400	175
180	9,000	9,300	9,600	8,800	8,700	8,300	180
185	8,300	8,600	8,900	8,400	8,500	8,300	185
190	7,700	8,000	8,200	8,000	8,100	8,200	190
195	7,100	7,400	7,600	7,600	7,700	7,800	195
200	6,500	6,800	6,900	7,100	7,400	7,500	200
205	6,000	6,200	6,300	6,600	7,000	7,100	205
210	5,500	5,700	5,700	6,100	6,500	6,800	210
215	5,000	5,200	5,200	5,600	6,000	6,300	215
220	4,600	4,700		5,100	5,500	5,800	220
225	4,200			4,700	5,000	5,300	225
230				4,300	4,600	4,700	230
235				3,900	4,100	4,200	235
240				3,500	3,700	3,600	240
245				3,100	3,300		245
250				2,800			250

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.



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