

# GATWOOD

Crane Service, Inc.

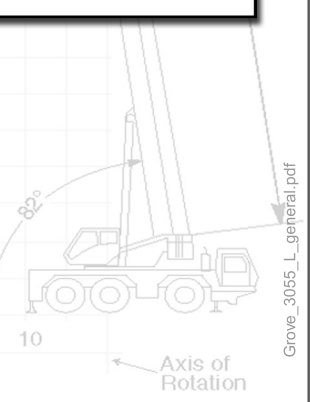
# Grove 3055 L

140' main boom with a 50 ton rating

**Grove 3055 L**



- 140' main boom
- 28' or 49' jib - hydraulic offset 0° to 40°
- Max hook height of 180' at 30' radius
- 16,700 # counterweight
- Single Operator crane - no oiler needed
- 77,000# capacity at 15' radius with 32' boom



**Gatwood Crane Service - [www.gatwoodcrane.com](http://www.gatwoodcrane.com) - 847-364-1400**

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# Grove 3055 L Data - 16,700 # counterweight

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847-364-1400



2 configurations - Standard & High Capacity  
140' main boom w/ 28' & 49' fold out jib  
8' - 14' - 21' outrigger width  
Setup: base: 15 min; 25k ctw+15 min  
28' jib+15 min; 49' jib +20 min  
Hook block (above 9,000#)+15 min

32-141 ft. 16,700 lb. 100% 20.3' 360°

Fully Extended Outriggers  
Main Boom

Pounds x 1000

Feet	32'	43'	51'-55'	65.0'	72'-78'	87'-95'	99'-112'	117'-123'	128'-132'	141'
10	102.0	97.0	91.0	87.0	74.0	54.0				
15	78.0	77.0	74.0	71.0	64.0	47.0	42.0			
20	57.0	57.0	53.0	49.0	47.0	41.0	36.8	26.2	20.8	
25		40.8	39.8	37.6	35.0	34.4	32.0	25.6	20.8	17.6
30		30.6	30.6	29.0	28.8	27.0	25.0	23.6	20.8	17.6
35			24.4	23.4	23.4	21.8	20.2	19.2	19.0	17.6
40			19.4	20.6	19.4	18.0	16.6	15.8	16.4	15.8
45				17.0	16.4	15.0	13.8	14.2	14.4	13.4
50				14.2	13.8	12.6	11.6	12.6	12.4	11.4
55					11.6	10.8	9.8	11.2	10.6	9.8
60					10.0	9.4	8.2	9.8	9.2	8.4
65					8.4	8.8	7.0	8.6	8.0	7.2
70						8.0	6.0	7.4	7.0	6.2
75						7.2	5.0	6.6	6.2	5.4
80							4.0	5.8	5.4	4.6
85							3.2	5.0	4.6	4.0
90							2.6	4.4	4.0	3.4
95							2.0	3.8	3.4	2.8
100								3.2	3.0	2.4
105									2.4	2.0
110									2.0	1.6
115										
120										

32-141 ft. 28.5 ft. 16,700 lb. 100% 20.3' 360°

Hydraulically Variable  
Jib @ 28'

Pounds x 1000  
28.5 ft. Length

Feet	0°-20° Offset (loads for luffing)					20°-40° Offset (loads for luffing)				
	87.4	99.6	117.4	128.5	140.9	87.4	99.6	117.4	128.5	140.9
30.0	5.6	5.8								
35.0	5.2	5.4				4.2				
40.0	5.0	5.2	5.4	5.6		4.2	4.2			
45.0	4.6	4.8	5.2	5.2	5.4	4.0	4.0	4.2		
50.0	4.4	4.6	4.8	5.0	5.2	4.0	4.0	4.0	4.2	
55.0	4.2	4.4	4.6	4.8	5.0	3.8	3.8	4.0	4.0	4.0
60.0	4.0	4.2	4.4	4.6	4.8	3.8	3.8	3.8	4.0	4.0
65.0	3.8	4.0	4.4	4.4	4.6	3.6	3.8	3.8	3.8	3.8
70.0	3.8	4.0	4.2	4.2	4.4	3.6	3.6	3.8	3.8	3.8
75.0	3.6	3.8	4.0	4.2	4.2	3.6	3.6	3.6	3.8	3.8
80.0	3.4	3.6	3.8	4.0	4.2	3.4	3.6	3.6	3.6	3.8
85.0	3.4	3.6	3.8	3.8	3.6	3.4	3.6	3.6	3.6	3.6
90.0	3.2	3.0	3.6	3.6	3.0	3.4	3.4	3.6	3.6	3.4
95.0	3.0	2.4	3.4	3.2	2.4	3.2	2.8	3.6	3.4	2.8
100.0	2.6	2.0	3.0	2.6	2.0	2.2	3.2	3.0	2.4	
105.0		1.6	2.6	2.2	1.6	1.8	2.8	2.4	2.0	
110.0			2.2	1.8		1.2	2.4	2.0	1.6	
115.0			1.8	1.4			2.0	1.6		
120.0			1.4				1.6	1.2		

32-141 ft. 49.2 ft. 16,700 lb. 100% 20.3' 360°

Hydraulically Variable  
Jib @ 49'

Pounds x 1000  
49.2 ft. Length

Feet	0°-20° Offset (loads for luffing)					20°-40° Offset (loads for luffing)				
	87.4	99.6	117.4	128.5	140.9	87.4	99.6	117.4	128.5	140.9
40.0	2.8	3.0								
45.0	2.6	2.8								
50.0	2.4	2.6	2.8	2.8		2.0				
55.0	2.4	2.4	2.6	2.6	2.8	2.0	2.0			
60.0	2.2	2.4	2.4	2.6	2.6	1.8	2.0	2.0		
65.0	2.0	2.2	2.4	2.4	2.4	1.8	1.8	1.8		
70.0	2.0	2.0	2.2	2.2	2.4	1.8	1.8	1.8	1.8	1.8
75.0	1.8	2.0	2.2	2.2	2.2	1.8	1.8	1.8	1.8	1.8
80.0	1.8	1.8	2.0	2.2	2.2	1.6	1.6	1.8	1.8	1.8
85.0	1.8	1.8	2.0	2.0	2.0	1.6	1.6	1.8	1.8	1.8
90.0	1.6	1.8	1.8	2.0	2.0	1.6	1.6	1.6	1.6	1.8
95.0	1.6	1.6	1.8	1.8	2.0	1.6	1.6	1.6	1.6	1.6
100.0	1.6	1.6	1.8	1.8	1.8	1.6	1.6	1.6	1.6	1.6
105.0	1.4	1.6	1.6	1.8	1.8	1.4	1.6	1.6	1.6	1.6
110.0	1.4	1.6	1.6	1.6	1.6	1.4	1.6	1.6	1.6	1.6
115.0	1.4	1.4	1.6	1.6	1.6	1.4	1.4	1.6	1.6	1.6
120.0			1.6	1.6		1.4	1.6	1.6	1.4	
125.0			1.4				1.4	1.6		
130.0			1.2				1.4	1.2		

32-141 ft. 28.5 ft. 16,700 lb. 100% 20.3' 360°

Fixed Jib @ 28'

Pounds x 1000  
28.5 ft. Length

Feet	0° Offset					20°-40° Offset (intermediate angle)				
	87.4	99.6	117.4	128.5	140.9	87.4	99.6	117.4	128.5	140.9
20.0	17.4	17.0								
25.0	16.0	16.0	12.4							
30.0	14.8	15.0	12.4	9.2						
35.0	13.6	14.0	12.0	9.2	9.4	8.0				
40.0	12.6	13.2	11.0	9.2	9.4	7.8	7.8			
45.0	11.4	12.4	10.0	9.2	9.4	7.6	7.6	7.6		
50.0	10.4	11.6	9.0	9.2	9.4	7.4	7.6	7.4	7.4	7.4
55.0	10.0	9.8	8.4	8.6	8.8	7.2	7.4	7.4	7.4	7.4
60.0	9.4	8.4	7.8	8.0	7.8	7.2	7.2	7.2	7.2	7.2
65.0	8.4	7.2	7.2	7.6	6.6	7.0	7.2	6.8	7.0	7.2
70.0	7.2	6.2	6.8	6.6	5.8	7.0	6.8	6.4	6.6	6.4
75.0	6.4	5.4	6.2	5.6	5.0	6.8	5.8	6.2	6.2	5.4
80.0	5.6	4.6	5.4	5.0	4.2	6.0	5.0	5.8	5.4	4.6
85.0	4.8	3.8	4.8	4.2	3.6	5.0	4.2	5.2	4.6	4.0
90.0	4.0	3.2	4.2	3.8	3.0	4.4	3.6	4.6	4.0	3.4
95.0	3.4	2.6	3.6	3.2	2.4	3.6	3.0	4.0	3.6	2.8
100.0	3.0	2.2	3.2	2.8	2.0	2.4	3.4	3.0	2.4	
105.0		1.6	2.8	2.4	1.6	1.8	3.0	2.6	2.0	
110.0			2.4	2.0		1.4	2.6	2.2	1.6	
115.0			2.0	1.6			2.2	1.8		
120.0			1.6				1.8	1.4		

32-141 ft. 49.2 ft. 16,700 lb. 100% 20.3' 360°

Fixed jib @ 49'

Pounds x 1000  
49.2 ft. Length

Feet	0° Offset					20°-40° Offset (intermediate angle)				
	87.4	99.6	117.4	128.5	140.9	87.4	99.6	117.4	128.5	140.9
20.0	9.2									
25.0	8.8	8.4								
30.0	8.4	8.2	6.6	5.8						
35.0	7.8	7.8	6.6	5.8	5.6					
40.0	7.2	7.4	6.4	5.8	5.6					
45.0	6.8	7.0	6.4	5.8	5.6					
50.0	6.2	6.4	6.2	5.8	5.6	4.0				
55.0	6.0	6.2	6.0	5.8	5.6	4.0	4.0			
60.0	5.6	5.8	5.8	5.8	5.4	3.8	3.8	3.8		
65.0	5.2	5.6	5.4	5.6	5.4	3.8	3.8	3.8		
70.0	5.0	5.2	5.2	5.4	5.4	3.6	3.8	3.8	3.8	3.8
75.0	4.8	5.0	5.0	5.2	5.2	3.6	3.6	3.6	3.6	3.6
80.0	4.6	4.8	4.8	5.0	4.6	3.6	3.6	3.6	3.6	3.6
85.0	4.4	4.4	4.6	4.6	4.0	3.4	3.6	3.6	3.6	3.6
90.0	4.2	3.8	4.4	4.0	3.4	3.4	3.4	3.4	3.4	3.6
95.0	4.0	3.4	4.0	3.6	2.8	3.4	3.4	3.4	3.4	3.4
100.0	3.6	2.8	3.6	3.0	2.4	3.4	3.4	3.4	3.4	3.0
105.0	3.2	2.4	3.2	2.6	2.0	3.4	3.0	3.4	3.2	2.6
110.0	2.8	2.0	2.8	2.2	1.6	3.0	2.4	3.2	2.8	2.2
115.0	2.4	1.6	2.4	2.0		2.6	2.0	2.8	2.4	1.8
120.0	2.0		2.0	1.6		1.6	2.4	2.0	1.4	
125.0			1.8	1.4			2.0	1.6		
130.0			1.4				1.8	1.4		