

Demag AC 350-6

Main Boom with Superlift

116.7t Counterweight							
Boom Length (m)	36.2	40.7	45.2	49.7	54.2	58.7	64
Radius (m)							
6	106	83.3					
7	103.5	80.9	68.3				
8	100.5	78.6	66.6	54.9	46.2		
9	91.6	76.5	64.8	53.7	45.3	35.6	
10	83.7	74.4	63.3	52.6	44.4	34.8	27.3
12	71.3	69.8	60.2	50.4	42.5	33.4	26.1
14	61.9	60.5	57.7	48.3	40.7	32.1	25.1
16	54.4	53.1	52.5	46.6	39.1	30.8	24.1
18	48.1	47.2	46.6	44.8	37.7	29.7	23.1
20	42.4	41.9	41.7	41.5	36.3	28.7	22.3
22	37.7	37.2	37.3	37.4	34.9	27.6	21.5
24	33.7	33.2	33.3	33.7	33.3	26.6	20.7
26	30	29.5	29.7	30.1	30.7	25.8	19.9
28	26.9	26.4	26.5	26.9	27.6	25	19.3
30	23.6	23.7	23.8	24.2	24.9	24.3	18.7
32	19.1	21.4	21.5	21.9	22.5	23.1	18.1
34		19	19.4	19.7	20.3	20.9	17.6
36		15.4	17.4	17.8	18.4	19	17
38			15.7	16	16.7	17.3	16.4
42			9	13.1	13.7	14.3	14.5
46				8	11.3	11.9	12.1
50					7.3	9.9	10.1
54						6.7	8.4
58							6.3
60							4.3

For reduced counterweight duties contact Ainscough Heavy Crane Division

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Demag AC 350-6

Main Boom with Superlift

95.9t Counterweight							
Boom Length (m)	36.2	40.7	45.2	49.7	54.2	58.7	64
Radius (m)							
6	106	83.3					
7	103.5	80.9	68.3				
8	100.5	78.6	66.6	54.9	46.2		
9	91.6	76.5	64.8	53.7	45.3	35.6	
10	83.7	74.4	63.3	52.6	44.4	34.8	27.3
12	71.2	69.8	60.2	50.4	42.5	33.4	26.1
14	60.5	60	57.7	48.3	40.7	32.1	25.1
16	51.8	51.4	51.5	46.6	39.1	30.8	24.1
18	44.8	44.4	44.6	44.8	37.7	29.7	23.1
20	38.4	37.9	38	38.4	36.3	28.7	22.3
22	33	32.5	32.6	33	33.6	27.6	21.5
24	28.7	28.2	28.3	28.7	29.3	26.6	20.7
26	25.2	24.6	24.7	25.1	25.7	25.8	19.9
28	22.3	21.7	21.8	22.1	22.7	23.4	19.3
30	19.8	19.2	19.3	19.6	20.2	20.8	18.7
32	17.7	17	17	17.4	18	18.7	18.1
34		15	15	15.4	16.1	16.8	17
36		13.3	13.3	13.7	14.3	15	15.2
38			11.8	12.2	12.8	13.5	13.7
42			9	9.6	10.2	10.9	11.1
46				7.6	8.1	8.8	8.9
50					6.4	7.1	7.2
54						5.6	5.7
58							4.5
60							4

For reduced counterweight duties contact Ainscough Heavy Crane Division

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Demag AC 350-6

Main Boom without Superlift

116.7t Counterweight													
Boom Length (m)	13.7	18.2	22.7	27.2	31.7	36.2	40.7	43.9	48.4	53.9	58.4	64	
Radius (m)	*												
	300												
3	200	200	198										
3.5	195.5	182	182.5	182									
4	184	168.5	169	168.5	161								
4.5	173.5	156.5	157	157	155.5								
5	162	146.5	147	146.5	146	132.5							
6	142.5	129	129.5	129.5	128.5	125.5	100						
7	127	115	116	115.5	116	115	94.5	86.7					
8	113.5	103.5	104.5	104	105	103.5	89.1	80.7					
9	101.5	94.3	95.1	94.7	95.5	94.1	84.2	74.6	66.7				
10	89.7	86.2	87	86.7	87.5	86.1	79.3	69.6	62.6	53.3			
12			74	73.7	74.5	73.6	71.9	60	55.2	48	41.7	36.4	
14			63.6	63.7	64.6	63.8	63.9	53.7	48.6	43.8	38.1	33.9	28
16			45.4	55.9	56.7	56.1	56.5	47.3	44	39.8	35.1	31.5	26.2
18				48	49.8	50.5	49.8	42.2	39.4	36.5	32.3	29.2	24.5
20				37.1	44.1	44.9	44.1	38.6	35.2	33.1	30.2	27.2	23.1
22					38.3	40.2	39.4	34.9	32.5	29.8	28	25.5	21.6
24					31.7	36.3	35.4	31.5	29.8	27.7	25.9	23.9	20.5
26						32	31.8	29.8	27	25.7	24.2	22.3	19.4
28						26.2	28.6	28.2	24.6	23.7	22.6	20.8	18.3
30						11.8	25.8	26.6	22.9	21.6	21	19.7	17.1
32								23	24.2	21.2	20.1	19.4	18.6
34								11.8	22.1	19.8	18.7	17.8	17.4
36									19	18.5	17.4	16.8	16.3
38										17.7	16.1	15.7	15.3
40										15.9	15	14.7	14.4
42										12.9	14.3	13.6	13.6
44											13.6	12.7	12.7
46											11.6	12.1	11.9
48												11.5	11.2
50												10	10.6
52													10
54													8.8
56													8.3
58													7.8
60													5.8

* Special equipment required
 For reduced counterweight duties contact Ainscough Heavy Crane Division

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Demag AC 350-6

Lifting Capacities on Folding Jib

116.7t Counterweight									
Main Boom (m)	36.2			54.2			64		
Folding Jib (m)	11.4			11.4			11.4		
Offset	0°	20°	40°	0°	20°	40°	0°	20°	40°
Radius (m)									
8	22.9								
9	22.9								
10	22.9			22.9					
12	22.9	22.9		22.9			15.4		
14	22.9	22.7	17.5	22.7	21.4		14.8		
16	22.9	22.3	16.7	22.2	20.6		14.2	14.4	
18	22.9	21.2	16	21.7	19.9	15.8	13.7	13.9	
20	22.7	20	15.4	21.1	19.3	15.3	13.1	13.3	13.7
22	22.3	18.9	14.9	20.4	18.7	14.9	12.6	12.8	13.3
24	22	18.2	14.4	19.8	18.2	14.5	12.2	12.4	12.8
26	21.6	17.4	14	19.2	17.7	14.2	11.8	11.9	12.4
28	21.1	16.7	13.7	18.6	17.2	13.9	11.3	11.5	11.9
30	20	15.9	13.4	18.1	16.7	13.5	10.9	11.1	11.6
32	19	15.5	13.1	17.6	16.3	13.2	10.5	10.7	11.2
34	18	15	13	17.1	15.9	13	10.2	10.3	10.8
36	16.9	14.6	12.9	16.6	15.5	12.8	9.9	10	10.4
38	16.2	14.1	12.8	16	15.1	12.7	9.6	9.7	10.1
40	15.1	14		14.4	14.8	12.5	9.3	9.4	9.8
44	9.5	10.8		11.7	12.4	12.1	8.6	8.9	9.2
48				9.5	10.1	10.4	8.2	8.3	8.7
52				7.6	8.1	8.3	7.8	7.9	8.2
56				6.1	6.4		6.3	6.8	7
60				3.9	4.6		5	5.4	5.5
64							3.8	4.1	
68							2.6	3	

For reduced counterweight duties contact Ainscough Heavy Crane Division

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HCS

Demag AC 350-6

Lifting Capacities on Folding Jib

116.7t Counterweight									
Main Boom (m)	36.2			54.2			64		
Folding Jib (m)	20			20			20		
Offset	0°	20°	40°	0°	20°	40°	0°	20°	40°
Radius (m)									
8	18.5								
9	17.8								
10	17.1								
12	15.8			13.6					
14	14.4			13.1			10		
16	13.4	8.8		12.6			9.9		
18	12.4	8.3		12.2			9.7		
20	11.5	7.9	6.3	11.7	8.3		9.5		
22	10.5	7.6	6.1	11.3	8		9.2	8	
24	10	7.3	6	10.9	7.8	6.1	8.9	7.7	
26	9.4	7	5.8	10.5	7.5	5.9	8.7	7.5	
28	8.9	6.7	5.7	10.1	7.3	5.8	8.5	7.3	5.8
30	8.4	6.6	5.6	9.7	7.1	5.7	8.3	7.1	5.7
32	7.9	6.4	5.5	9.4	6.9	5.7	8.1	6.9	5.6
34	7.5	6.2	5.5	9	6.7	5.6	7.9	6.7	5.6
36	7.2	6	5.4	8.7	6.5	5.5	7.6	6.6	5.5
38	6.9	5.8	5.3	8.3	6.3	5.4	7.5	6.4	5.4
40	6.6	5.7	5.3	8	6.2	5.4	7.3	6.3	5.4
44	6.1	5.5	5.3	7.3	6	5.3	6.9	6.1	5.3
48	5.8	5.4		6.9	5.7	5.3	6.5	5.9	5.3
52	5.4	5.4		6.5	5.6	5.2	6.1	5.7	5.2
56				6.1	5.4	5.2	5.9	5.5	5.2
60				5.8	5.3	5.2	5.6	5.4	5.2
64				5	5.3		5	5.3	5.2
68				3.2	4.2		4	4.5	4.8
72							3.1	3.6	
76							2.1	2.5	

For reduced counterweight duties contact Ainscough Heavy Crane Division

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Demag AC 350-6

Lifting Capacities on Strong Fixed Jib with Superlift

116.t Counterweight							
Main Boom (m)	58.7						
Fixed Jib (m)	15	21	27	33	39	45	51
Radius (m)							
12	18.1	14.5					
14	17.8	14.3	11.8				
16	17.5	14.1	11.6	9.6	8		
18	17	13.8	11.4	9.5	7.9	6.5	
20	16.6	13.5	11.2	9.3	7.8	6.4	5.3
22	16.1	12.1	11	9.1	7.6	6.3	5.2
24	15.6	12.8	10.8	8.9	7.5	6.2	5
26	15.2	12.5	10.5	8.7	7.3	6.1	4.9
28	14.7	12.1	10.2	8.5	7.2	5.9	4.8
30	14.3	11.8	9.9	8.3	7	5.8	4.6
32	14	11.5	9.7	8.1	6.9	5.7	4.5
34	13.6	11.2	9.4	7.9	6.7	5.5	4.4
36	13.3	11	9.2	7.7	6.6	5.4	4.3
38	12.9	10.7	8.9	7.5	6.4	5.2	4.1
40	12.6	10.5	8.7	7.3	6.3	5.1	4
44	12	10	8.2	7	6	4.9	3.8
48	11.5	9.5	7.9	6.6	5.7	4.6	3.5
52	11	9.1	7.5	6.3	5.4	4.4	3.3
56	10	8.7	7.2	6	5.1	4.1	3.2
60	8.7	8.2	6.9	5.7	4.9	3.9	3
64	7.6	7.4	6.7	5.5	4.7	3.7	2.8
68	5.5	6.4	6.2	5.3	4.5	3.6	2.7
72		5	5.5	5.1	4.4	3.4	2.5
76			4.7	4.7	4.2	3.3	2.4
80			2.7	4	4	3.2	2.3
84				2.8	3.7	3.1	2.2
88					3.1	2.9	2.1
92						2.5	1.9
96							1.5

For reduced counterweight duties contact Ainscough Heavy Crane Division



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Demag AC 350-6

Lifting Capacities on Strong Fixed Jib with Superlift

116.8t Counterweight							
Main Boom (m)	64						
Fixed Jib (m)	15	21	27	33	39	45	51
Radius (m)							
12	14.4						
14	14.2	11.4	9.4				
16	13.9	11.2	9.3	7.7			
18	13.6	11.1	9.1	7.5	6.3		
20	13.2	10.8	9	7.4	6.2	5	
22	12.8	10.5	8.7	7.2	6.1	4.9	3.9
24	12.4	10.2	8.5	7	6	4.8	3.8
26	12	9.9	8.2	6.9	5.8	4.7	3.6
28	11.7	9.6	8	6.7	5.6	4.5	3.5
30	11.3	9.3	7.7	6.5	5.5	4.4	3.4
32	11	9.1	7.5	6.3	5.3	4.3	3.3
34	10.7	8.8	7.3	6.1	5.1	4.1	3.1
36	10.4	8.6	7.1	5.9	5	4	3
38	10	8.3	6.8	5.7	4.8	3.8	2.9
40	9.8	8.1	6.6	5.5	4.7	3.7	2.8
44	9.3	7.6	6.2	5.2	4.4	3.4	2.5
48	8.8	7.2	5.9	4.9	4.1	3.2	2.3
52	8.4	6.8	5.6	4.6	3.9	2.9	2.1
56	8.1	6.5	5.3	4.3	3.6	2.7	1.9
60	7.8	6.2	5	4.1	3.4	2.5	1.7
64	7.4	5.9	4.7	3.8	3.2	2.4	1.5
68	6.5	5.7	4.5	3.6	3	2.2	
72	5	5.3	4.4	3.4	2.9	2.1	
76		4.3	4.2	3.3	2.8	1.9	
80		2.3	3.8	3.2	2.6	1.8	
84			2.5	3	2.5	1.7	
88				2.3	2.4	1.6	
92					2.3	1.5	
96						1.5	

For reduced counterweight duties contact Ainscough Heavy Crane Division

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Demag AC 350-6

Strong Fixed Jib with Offset Section and Superlift

116.7t Counterweight																		
Main Boom (m)	54.2																	
Fixed Fly Jib (m)	15				21*				27*				33*		39	45	51*	
Offset	0°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	0°	0°	20°	40°
Radius (m)																		
12	23.5	18.8																
14	22.7	18.2			15.2													
16	22	17.6			14.8					12.5				10.2				
18	21.3	17.1	15.5		14.3					12.1				10	7.9			
20	20.6	16.6	14.9		14	13.4				11.8				9.9	7.9	5.8		
22	19.9	16.2	14.3	10.5	13.6	13				11.5	11.6			9.7	7.9	5.8		
24	19.2	15.7	13.8	10.2	13.2	12.6	10.1			11.2	11.2			9.5	7.9	5.8		
26	18.6	15.3	13.3	10	12.8	11.8	9.9	10.8	10.9	9.2	9.3	7.7	5.8					
28	17.9	14.9	12.8	9.8	12.5	11.4	9.7	10.6	10.6	9	9	7.5	5.8					
30	17.2	14.5	12.4	9.6	12.2	11.1	9.5	10.3	10.3	8.7	8.8	7.4	5.8	5				
32	16.5	14.2	12	9.5	11.9	10.8	9.3	10.1	10.1	8.5	8.6	7.2	5.8	5				
34	15.8	13.8	11.6	9.3	11.5	10.5	9	9.8	9.8	8.3	8.4	7	5.7	5				
36	15.1	13.5	11.3	9.2	11.3	10.1	8.7	9.6	9.6	8.7	8.2	6.9	5.6	5				
38	14.3	13.2	10.9	9	11	9.9	8.4	9.3	9.3	7.9	8	6.7	5.5	4.9	4.1			
40	13.7	12.9	10.6	8.6	10.8	9.4	8.2	9.1	9.1	7.7	7.8	6.6	5.4	4.9	4			
44	12.3	12	9.9	8	10.3	8.9	7.7	8.7	8.7	7.3	7.5	6.2	5.1	4.8	3.8			
48	10.6	10.4	9.3	7.5	9.8	8.4	7.2	8.3	8.2	6.9	7.1	5.9	4.8	4.5	3.6			
52	8.7	8.4	8.7	7.1	8.7	7.7	6.9	7.9	7.8	6.6	6.7	5.6	4.5	4.2	3.5			
56	7.2	6.9	7.5		7.2	6.4	6.5	7.2	7.4	6.3	6.4	5.2	4.2	3.9	3.3			
60	5.9	5.5	6.1		5.9	5.1		6.1	6.7	6	6.1	4.9	3.9	3.7	3.2			
64	3.5	4.5	4.8		4.7	4		4.9	5.4		5.6	4.6	3.6	3.4	3.1			
68		2.8			3.7	3		3.9	4.3		4.8	4.3	3.3	3.2	2.9			
72					2.5			3	3.3		3.9	3.8	3	3	2.8			
76								2.2	2.5		3.1	3	2.5	2.9	2.7			
80											2.4	2.3	1.7	2.4	2.7			
84												1.6		1.7				

* Denotes SF-A-SL

For reduced counterweight duties contact Ainscough Heavy Crane Division

In case of operation with SF-A and SF-A-SL, offset by 20° and 40°, observe the following chart:

total Length of Jib	straight Part	offsettable Part
21m	6m	15m
27m	12m	15m
33m	18m	15m
51m	24m	27m

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Demag AC 350-6

Strong Fixed Jib with Offset Section and Superlift

116.7t Counterweight														
Main Boom (m)	64													
Fixed Fly Jib (m)	15			21*			27*			33*			39	45
Offset	0°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	0°		
Radius (m)														
14	14.2	11.8												
16	13.7	11.3			9.1									
18	13.2	10.9			8.9			6.9						
20	12.7	10.6	10.8		8.7			6.9			5.2	3.5		
22	12.3	10.2	10.4		8.4	8.6		6.9			5.2	3.5		
24	11.9	9.8	10.1	8.8	8.1	8.3		6.7	6.5		5.2	3.5		
26	11.5	9.5	9.7	8.5	7.8	8	7.6	6.5	6.5		5.1	3.5		
28	11.1	9.2	9.4	8.2	7.6	7.8	7.3	6.3	6.5	6.3	5	3.5		
30	10.7	8.9	9.1	8	7.4	7.5	7.1	6.1	6.3	6.3	4.9	3.5		
32	10.4	8.6	8.8	7.8	7.2	7.3	6.9	5.9	6.1	6.2	4.8	3.5		
34	10	8.3	8.5	7.5	6.9	7.1	6.7	5.7	5.9	6	4.7	3.5		
36	9.8	8.1	8.3	7.3	6.7	6.9	6.6	5.5	5.7	5.8	4.6	3.4		
38	9.5	7.8	8	7.1	6.4	6	6.4	5.3	5.5	5.6	4.4	3.3		
40	9.2	7.6	7.8	6.8	6.2	6.4	6.2	5.1	5.3	5.5	4.3	3.2		
44	8.7	7.2	7.3	6.5	5.9	6	5.9	4.8	5	5.1	4	3		
48	8.2	6.7	6.9	6.2	5.5	5.7	5.6	4.6	4.7	4.8	3.8	2.8		
52	7.8	6.3	6.5	5.9	5.2	5.3	5.4	4.3	4.4	4.5	3.6	2.6		
56	7.3	6	6.2	5.6	4.9	5	5.1	4	4.1	4.2	3.3	2.5		
60	6	5.6	5.8	5.3	4.6	4.7	4.9	3.7	3.8	4	3.1	2.3		
64	4.9	4.5	5		4.3	4.5	4.7	3.5	3.6	3.8	2.9	2.1		
68	3.9	3.5	3.9		3.6	4.1		3.3	3.4	3.6	2.8	2		
72	2.4	2.6	2.9		2.7	3.1		2.8	3.2		2.6	1.8		
76		1.7			1.9	2.2		2.1	2.4		2.5	1.7		
80									1.6		2.1	1.5		

* Denotes SF-A-SL

For reduced counterweight duties contact Ainscough Heavy Crane Division

In case of operation with SF-A and SF-A-SL, offset by 20° and 40°, observe the following chart:

total Length of Jib	straight Part	offsettable Part
21m	6m	15m
27m	12m	15m
33m	18m	15m
51m	24m	27m

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Demag AC 350-6

Lifting Capacities on Luffing Fly Jib

Main Boom (m)		116.7t Counterweight																				
		27*		24		30		36		42		48		54		60**		66		72**		
Fly Jib (m)	Offset	82°	73°	65°	82°	73°	65°	82°	73°	65°	82°	73°	65°	82°	73°	65°	82°	73°	65°	82°	73°	65°
Radius (m)																						
12	50.9																					
14	50.2	45.2																				
16	49.5	44.8																				
18	48.9	44.4																				
20	46.6	44.8	43.4																			
22	43.2	40.5	42.1	34.4																		
24	36.7	37	39.3	37.1	33.7	33.3	26.7															
26	33.9	33.2	34.1	32.9	33	26.3	26.2	21														
28	31.3	29.5	31.5	32.1	31.1	26.1	25.9	20.7	20.6	16.9												
30	29.1	27.3	29.2	27.5	28.8	2.8	25.8	25.7	20.5	20.4	16.7											
32	25.5		25.7	25.4	26.8	24.9	24.9	25.2	20.4	20.2	16.4	16.3										
34	23.6		23.8		25.1	23.2	23.9	24.7	22.7	20.2	19.9	16.3	16.2	13.1	13	11						
36			22.2		23.5	21.7	21.3	23.2	21.3	19.9	19.8	16.2	16	13	12.9	10.9	10.7	9.9				
38					20.3	18.6	21.6	19.9	19.5	19.7	19.4	16	15.8	12.8	12.7	10.8	10.6	9.7				
40					19.1			18	19.2	18.3	15.9	15.7		12.8	12.6	10.7	10.5	9.6	9.4			
42								19.1	17.6	16.5	18.7	17.2	15.8	15.6	15.4	12.7	12.4	10.6	10.4	9.5	9.3	
44									16.6	15	17.6	16.2	15	15.5	15.2	12.6	12.4	10.5	10.3	9.3	9.2	
46									15.6		16.6	15.3	14.2	15.4	14.9	12.5	12.3	12.1	10.4	10.2	9.1	9.1
48									15.7	14.4	13.4	15.2	14.1	15.2	14.1	12.1	12.2	12.1	10.4	10.1	9.9	8.9
50											13.7			14.6	13.3	11.7	12.1	12	10.3	10.1	9.8	8.7
54														13.2	12	10.8	12	11.5	9.9	10	9.7	8.5
58														10.8								
62																						
66																						
70																						
74																						
78																						

* Denotes SF-A-SL

For reduced counterweight duties contact Ainscough Heavy Crane Division

The charts that have been included have been reproduced from manufacturer specifications, and while every effort has been made to ensure their accuracy, we do not accept any responsibility for errors or omissions. We also need to draw your attention to the guidance notes on page 47 to assist you with your crane selection.

Demag AC 350-6

Lifting Capacities on Luffing Fly Jib with Superlift

Main Boom (m)		116.7t Counterweight																			
		40.7									42										
Fly Jib (m)	22*		24		30		36		42		48		54		60**		66		72**		
	82°	73°	65°	82°	73°	65°	82°	73°	65°	82°	73°	65°	82°	73°	65°	82°	73°	65°	82°	73°	65°
Offset																					
Radius (m)	28.6																				
14																					
16	27																				
18	26.1	26.5	25.2	21.3			17.4		14.3												
20	25.2	24.3	20.7				17.1		14	11.3											
22	24.4	23.6	20				16.8		13.8	11.2	9.9										
24	23.6	23	19.3				16.5		13.5	11	9.7				8.2						
26	22.8	22.2	18.8	22.1	21.5		16.2		13.4	10.9	9.6				8.1						
28	21.5	20.9	18.3	20.3	20.9	18.3	18	15.9	13.2	10.7	9.4				7.9						
30	20.9	20.3	17.9	17.5	15.5	15.5	15.5	13	10.6	9.2	7.8				7.8						
32	20.3	19.8	17.5	17.1	15.1	15	15	12.8	10.5	9.1	7.7				7.5						
34	19.6	19.6	17.2	17	16.7	14.7	14.5	12.6	12.3	10.3	8.9				7.5						
36	18.7	18.5	16.3	14.4	14.2	12.4	12.1	10.2	9.5	8.8	7.4				7.4						
38	17.8	17.8	15.9	15.6	14	13.8	12.1	11.8	10.1	9.5	8.6	8.1			7.2						
40	16.8	16.8	15.5	15.2	13.6	13.4	13.2	11.9	11.6	10	9.5	8.5	8.1		7.2						
42		14.8	13.1	12.9	11.6	11.3	9.9	9.5	8.3	8	7.1	6.7			6						
44		14.2	12.9	12.6	11.3	11.1	10.8	9.8	9.4	8.2	7.9	7			6.6						
46		13.6	12.6	12.3	11.1	10.8	10.6	9.6	9.2	8.1	7.8	6.9	6.5		5.8	5.5					
48			12	10.6	10.4	9.4	9	8.4	8	7.7	6.9	6.5			5.8	5.5					
50			11.7	10.4	10.1	9.1	8.9	8.3	7.8	7.5	6.8	6.4			5.7	5.4					
54				9.8	8.5	8.2	7.6	7.2	6.9	6.6	6.3	6			5.6	5.2					
58					9.1	8.2	8	7.7	6.9	6.6	6.4	6.2			5.1	4.7					
62						7.7									5.8	5.5	5.3				
66															6.2	5.6	5.3	5.2			
70															5.9	5.4	5.1				
74																4.9					
78																	4.2				
82																		4			
86																			4		

* Denotes SF-A-SL

For reduced counterweight duties contact Ainscough Heavy Crane Division

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Demag AC 350-6

Lifting Capacities on Luffing Fly Jib with Superlift

Main Boom (m)		116.7t Counterweight																					
		22*		24		30		36		42		48		54		60**		66		72**			
Fly Jib (m)	Offset	82°	73°	65°	82°	73°	65°	82°	73°	65°	82°	73°	65°	82°	73°	65°	82°	73°	65°	82°	73°	65°	
Radius (m)																							
16	18.4																						
18	17.9																						
20	17.5		17.3		14.1																		
22	17.1		16.9		13.9																		
24	16.8		16.5		13.7																		
26	16.4		16.1		13.4																		
28	15.8	15.6	15.4		13.1																		
30	15.2	15	14.8		12.9																		
32	14.8		14.5		12.7	11.9																	
34	14.4		14.1		12.3	11.7																	
36	13.9		13.7		12.1	11.6																	
38		13.4			11.4	11.4																	
40		13			11.2	11.2																	
42		12.6			10.9	10.5	9.6	8.9															
44					10.7	10.3																	
46					10.1	8.7	7.8	7.4															
48					9.9	8.6	7.8	7.3	6.6	6.4													
50					9.7	8.5	7.8	7.2	6.6	6.3	5.9												
54						7.7	6.9	6.5															
58							6.3	5.5	5.2	4.8	4.3	3.8	4										
62								6.1	5.4	5													
66									4.8														
70										4.1	3.7												
74											3.6												
78												3.5											
82													2.5										
86														2.5									
															1.6								
																1.6							

* Denotes SF-A-SL
For reduced counterweight duties contact Ainscough Heavy Crane Division

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Demag AC 350-6

Lifting Capacities on Luffing Fly Jib with Superlift

Main Boom (m)		116.7t Counterweight																			
		54.2																			
		22*		24		30		36		42		48		54		60**		66			
82°	73°	65°	82°	73°	65°	82°	73°	65°	82°	73°	65°	82°	73°	65°	82°	73°	65°	82°	73°	65°	
Radius (m)	16	13.4																			
	18	13																			
	20	12.6	12.6																		
	22	12.2	12.2	9.9																	
	24	11.9	11.9	9.7	7.5																
	26	11.6	11.6	9.5	7.5	7.1															
	28	11.4	11.3	9.2	7.3	6.9	5.7														
	30	10.6	11.1	9	7.2	6.7	5.5	4.2													
	32	10.4	10.9	8.8	7.1	6.5	5.3	4.1	2.9												
	34	10.1	10.1	8.7	7	6.3	5.1	4	2.9	2											
	36	9.9	9.8	8.5	6.8	6	5	3.9	2.9	2											
	38	9.7	9.5	8.4	6.6	5.7	4.7	3.7	2.8	2											
	40		9.1	7.5	6.5	5.7	4.6	3.5	2.7	2											
	42		8.9	7.3	6.4	5.7	4.5	3.4	2.7	2											
	44		8.7	7.2	6.3	5.6	4.4	3.3	2.6	1.9											
	46			8.6	7.2	6.8	5.4	4.3	3.2	2.6											
	48			8.4	7.1	6.6	5.3	4.1	3.1	2.6											
	50				6.5	5.4	4.7	4.1	3.6	2.5											
	54				6.4	5.4	4.7	4	3.5	2.4											
	58					4.7	4.4	3.9	3.3	2.3											
	62					4.6	4.6	3.8	3.2	2.8											
	66						3.7	3.1	2.7	2											
	70							2.6	2.1	1.7											
	74							2.5	2.1	1.6											
										1.5											

* Denotes SF-A-5L

For reduced counterweight duties contact Ainscough Heavy Crane Division

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Demag AC 350-6

Lifting Capacities on Luffing Fly Jib with Superlift

		116.71 Counterweight																	
		58.7																	
Main Boom (m)	Fly Jib (m)	22*	24	30	36	42	48	54											
Offset Radius (m)		82°	73°	65°	82°	73°	65°	82°	73°	65°	82°	73°	65°	82°	73°	65°	82°	73°	65°
18	9.7																		
20	9.4																		
22	9.1																		
24	8.8																		
26	8.6																		
28	8.3																		
30	8.3																		
32	7.5																		
34	7.2																		
36	7.7																		
38	6.8																		
40	6.8																		
42	6.2																		
44	6																		
46	5.8																		
48	5.7																		
50																			
54																			
58																			
62																			
66																			

* Denotes SF-A-SL
For reduced counterweight duties contact Ainscough Heavy Crane Division

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