



LIFTING CHARTS - All Terrain Cranes

DEMAG MODEL AC 400 - 500 TON CAPACITY

Lifting capacities fixed fly jib with Superlift in 1,000 lb

Main boom: 176.5 ft

269,000 lb 360° 85%

Radius	Extension		
	65 ft	105 ft	144 ft
	1,000 lb		
ft	0°	0°	0°
52	38.8	-	-
59	38.3	30.8	-
65	37.9	30.0	21.4
72	37.4	29.1	20.9
79	37.0	28.1	20.7
85	36.6	27.5	20.3
92	35.9	26.8	19.8
98	35.3	26.0	19.4
105	34.8	25.7	19.1
111	34.4	24.9	18.9
118	33.9	24.2	18.5
124	33.5	23.8	18.1
131	33.0	23.3	17.6
138	32.3	22.9	17.4
144	31.7	22.5	17.2
151	31.3	22.0	16.7
157	30.8	21.6	16.3
164	30.2	21.1	15.8
177	29.3	20.2	15.0
190	27.5	19.6	14.3
203	23.7	18.9	13.6
216	17.4	18.5	12.8
229	-	17.8	12.1
243	-	14.4	11.2
256	-	8.7	10.7
269	-	-	10.3
282	-	-	-

211,500 lb 360° 85%

Radius	Extension						
	65 ft		105 ft		144 ft		177 ft ¹⁾
	1,000 lb						
ft	0°	20°	0°	20°	0°	20°	0°
52	38.8	-	-	-	-	-	-
59	38.3	-	30.8	-	-	-	-
65	37.9	-	30.0	-	21.4	-	-
72	37.4	41.0	29.1	-	20.9	-	-
79	37.0	39.8	28.1	-	20.7	-	12.7
85	36.6	38.8	27.5	-	20.3	-	12.7
92	35.9	37.6	26.8	25.5	19.8	-	12.7
98	35.3	36.8	26.0	24.9	19.4	-	12.5
105	34.8	36.1	25.7	24.2	19.1	-	12.5
111	34.4	35.3	24.9	23.8	18.9	-	12.3
118	33.9	34.4	24.2	23.1	18.5	15.4	12.3
124	33.5	33.7	23.8	22.5	18.1	15.2	12.1
131	33.0	33.0	23.3	22.0	17.6	15.2	12.1
138	32.3	32.6	22.9	21.5	17.4	15.1	12.1
144	31.7	32.0	22.5	21.1	17.2	14.7	12.1
151	31.2	31.5	22.0	20.7	16.7	14.1	12.1
157	30.0	31.1	21.6	20.3	16.3	13.7	11.7
164	27.3	29.7	21.1	19.8	15.8	13.2	11.2
177	22.5	24.5	20.2	19.1	15.0	12.1	10.5
190	18.3	20.1	19.4	18.5	14.3	11.4	9.9
203	14.8	-	16.1	18.0	13.6	10.6	9.2
216	11.8	-	13.1	15.5	12.8	9.9	8.4
229	-	-	10.2	12.5	11.1	9.2	7.9
243	-	-	7.9	-	8.7	8.8	7.2
256	-	-	5.9	-	6.8	8.3	6.6
269	-	-	-	-	4.8	-	6.1
282	-	-	-	-	-	-	5.3

¹⁾ max. wind speed 13.3 mph

Lifting capacities fixed fly jib with Superlift in 1,000 lb

Main boom: 190.0 ft

269,000 lb  **360°** **85%**

Radius	Extension		
	26 ft	65 ft	105 ft
	0°	0°	0°
ft	1,000 lb		
46	55.1	-	-
52	54.5	35.9	-
59	54.0	35.2	22.4
65	53.4	34.4	22.4
72	53.1	33.5	22.4
79	51.9	33.0	22.0
85	50.9	32.4	22.0
92	50.0	31.5	21.8
98	49.2	31.1	21.6
105	48.5	30.6	21.3
111	47.8	30.0	21.1
118	47.1	29.5	20.7
124	46.7	29.1	20.3
131	46.3	28.6	20.0
138	45.1	28.2	19.6
144	44.3	28.0	19.4
151	41.8	27.5	18.9
157	38.8	27.3	18.7
164	35.2	26.8	18.3
177	29.8	26.2	17.8
190	24.1	24.0	17.2
203	-	20.4	16.7
216	-	17.3	16.1
229	-	12.5	15.6
243	-	-	14.5
256	-	-	11.6
269	-	-	6.4

211,500 lb  **360°** **85%**

Radius	Extension				
	26 ft		65 ft		105 ft
	0°	20°	0°	20°	0°
ft	1,000 lb				
46	55.1	-	-	-	-
52	54.5	57.6	35.9	-	-
59	54.0	56.6	35.2	-	22.4
65	53.4	55.8	34.4	-	22.4
72	53.1	54.9	33.5	35.2	22.4
79	51.9	53.9	33.0	34.3	22.0
85	50.9	52.7	32.4	33.5	22.0
92	50.0	52.0	31.5	32.8	21.8
98	49.2	50.9	31.1	32.2	21.6
105	48.5	50.0	30.6	31.3	21.3
111	47.8	49.2	30.0	30.6	21.1
118	47.1	48.2	29.5	30.2	20.7
124	45.5	47.2	29.1	29.6	20.3
131	41.1	42.7	28.6	29.1	20.0
138	36.9	38.4	28.2	28.4	19.6
144	33.7	35.0	28.0	28.0	19.4
151	30.1	31.2	27.5	27.5	18.9
157	27.5	28.4	27.3	27.3	18.7
164	24.4	25.1	26.6	26.8	18.3
177	19.9	-	22.1	24.5	17.8
190	15.7	-	18.1	20.1	17.2
203	-	-	14.6	16.2	15.4
216	-	-	11.5	-	12.6
229	-	-	8.9	-	9.8
243	-	-	-	-	7.4
256	-	-	-	-	5.2
269	-	-	-	-	3.5