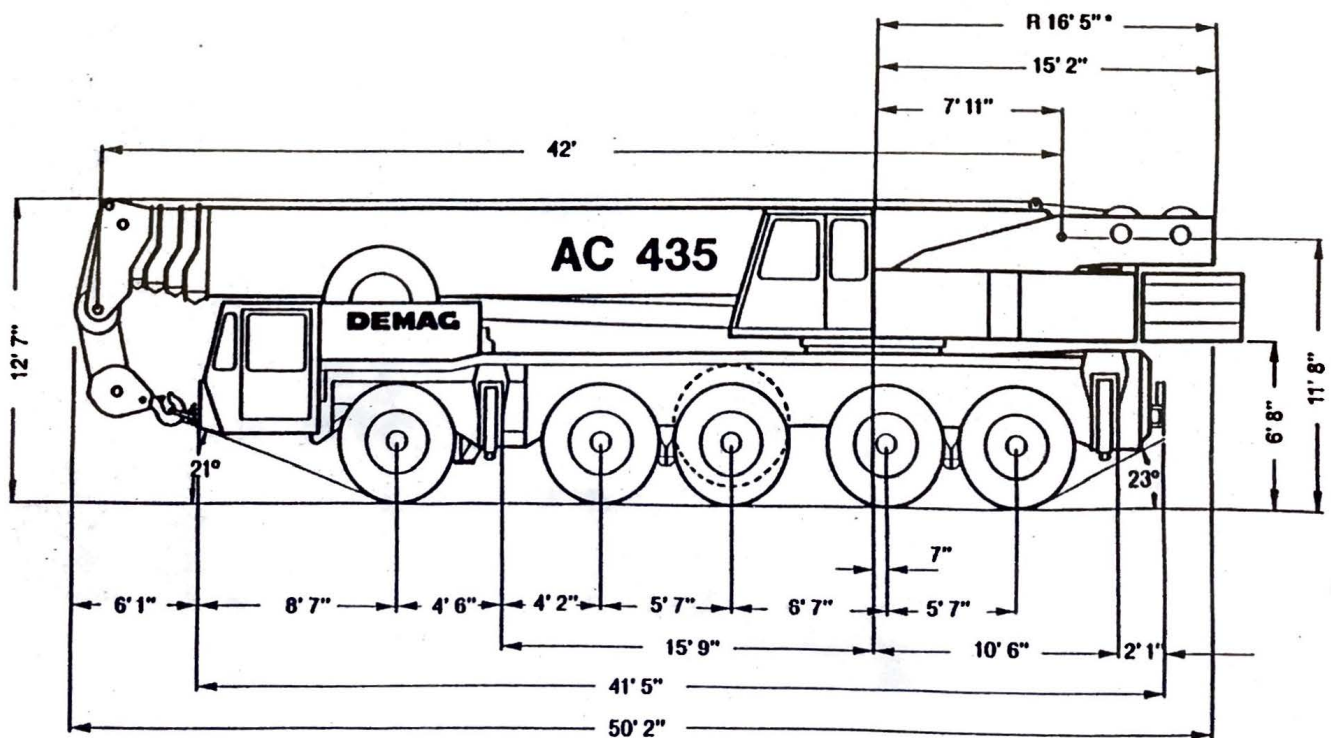


- Width with more than 59,000 lb of counterweight: $16' 5''$, tail swing: $16' 11''$
- ** Duties for outrigger base $16'$ upon request



AC 435-V Capacities on Main Boom

85%
360°

Capacity (lb x 1000) = Load + Hook Block

Counterweight 103,500 lb
Outrigger Base 24.6 ft

Radius (ft)	Main Boom (ft)	42.0	55.5*	69.2*	83.3*	96.8*	115.2	133.5	151.5	164.0
10	370.0 ¹⁾	-	-	-	-	-	-	-	-	-
10	327.0**	198.0	-	-	-	-	-	-	-	-
11	308.0**	198.0	198.0	-	-	-	-	-	-	-
13	279.0**	198.0	198.0	165.0	132.0	-	-	-	-	-
15	253.0**	198.0	198.0	164.5	132.0	-	-	-	-	-
16	243.0**	198.0	198.0	161.0	132.0	83.5	-	-	-	-
19	215.0	198.0	194.5	149.5	132.0	83.5	79.0	-	-	-
23	183.5	181.5	175.0	134.5	123.5	83.5	79.0	61.5	-	-
26	165.5	163.5	159.5	124.5	116.5	83.5	78.0	61.5	46.2	-
29	144.5	148.0	146.5	116.0	109.5	83.5	75.5	61.5	46.2	-
33	-	131.0	128.0	105.5	100.5	83.5	71.5	61.0	46.2	-
39	-	105.0	101.5	91.5	88.0	75.5	66.5	57.5	46.2	-
46	-	-	78.0	77.0	75.5	67.0	60.5	53.3	46.2	-
52	-	-	64.5	63.0	62.5	60.5	55.7	49.2	44.2	-
59	-	-	-	51.2	50.8	54.5	50.5	44.3	41.4	-
65	-	-	-	43.5	42.9	48.4	45.8	40.7	38.6	-
72	-	-	-	-	35.8	41.4	41.5	36.9	35.5	-
79	-	-	-	-	29.9	35.5	35.7	33.6	32.2	-
85	-	-	-	-	-	31.3	31.5	30.7	29.4	-
92	-	-	-	-	-	27.2	27.4	27.4	26.8	-
98	-	-	-	-	-	24.4	24.6	24.4	24.2	-
105	-	-	-	-	-	-	21.3	21.3	20.9	-
111	-	-	-	-	-	-	19.1	18.9	18.7	-
118	-	-	-	-	-	-	-	16.7	16.1	-
124	-	-	-	-	-	-	-	14.9	14.3	-
131	-	-	-	-	-	-	-	13.0	12.4	-
138	-	-	-	-	-	-	-	-	10.9	-
144	-	-	-	-	-	-	-	-	9.5	-

No. of Hoist Lines

1) 24/**21/14 12 12 10 8 5 5 4 3

Sequence of Extended Boom (%)

1. Tel.	0	45	90	68	90	60	75	90	100
2. Tel.	0	0	0	68	90	60	75	90	100
3. Tel.	0	0	0	0	0	60	75	90	100
4. Tel.	0	0	0	0	0	60	75	90	100

DS

001

DS = operating mode switch on PAT-console

* Tele 1 pinned

** with heavy duty attachment

1) with heavy duty attachment (0° over rear)

AC 435-V Capacities on Main Boom

85%

360°

Capacity (lb x 1000) = Load + Hook Block

Counterweight 59,500 lb

Outrigger base 24.6 ft

Radius (ft)	Main Boom (ft)								
	42.0	55.5*	69.2*	83.3*	96.8*	115.2	133.5	151.5	164.0
10	316.0**	198.0	-	-	-	-	-	-	-
11	299.0**	198.0	198.0	-	-	-	-	-	-
13	268.0**	198.0	198.0	165.0	132.0	-	-	-	-
15	244.0**	198.0	198.0	164.5	132.0	-	-	-	-
16	233.0	198.0	198.0	161.0	132.0	83.5	-	-	-
19	205.0	197.5	194.0	149.5	132.0	83.5	79.0	-	-
23	173.5	170.5	168.0	134.5	123.5	83.5	79.0	61.5	-
26	149.5	145.0	144.0	124.5	116.5	83.5	78.0	61.5	46.2
29	127.0	123.5	121.0	116.0	109.5	83.5	75.5	61.5	46.2
33	-	98.5	96.0	98.0	97.5	83.5	71.5	61.0	46.2
39	-	73.5	71.5	73.5	72.5	75.5	66.5	57.5	46.2
46	-	-	53.2	54.7	54.3	60.5	60.5	53.3	46.2
52	-	-	42.7	44.2	43.6	49.8	50.2	49.2	44.2
59	-	-	-	34.6	34.2	40.2	40.4	40.4	40.1
65	-	-	-	28.2	27.7	33.9	34.3	34.3	34.1
72	-	-	-	-	21.7	28.1	28.3	28.3	28.3
79	-	-	-	-	17.0	23.2	23.4	23.4	23.4
85	-	-	-	-	-	19.7	20.0	20.0	19.7
92	-	-	-	-	-	16.7	16.9	16.9	16.4
98	-	-	-	-	-	14.2	14.2	14.2	14.0
105	-	-	-	-	-	-	11.9	11.9	11.6
111	-	-	-	-	-	-	10.0	10.0	9.8
118	-	-	-	-	-	-	-	8.1	7.9
124	-	-	-	-	-	-	-	6.7	6.5
131	-	-	-	-	-	-	-	5.5	4.9
138	-	-	-	-	-	-	-	-	3.7
144	-	-	-	-	-	-	-	-	2.7

No. of Hoist Lines

	**20/14	12	12	10	8	5	5	4	3
Sequence of Extended Boom (%)									
1. Tel.	0	45	90	68	90	60	75	90	100
2. Tel.	0	0	0	68	90	60	75	90	100
3. Tel.	0	0	0	0	0	60	75	90	100
4. Tel.	0	0	0	0	0	60	75	90	100

DS

002

DS = operating mode switch on PAT-console

* Tele 1 pinned

** with heavy duty attachment

AC 435-V Capacities on Main Boom

85%
360°

Capacity (lb x 1000) = Load + Hook Block

Counterweight 42,000 lb
Outrigger Base 24.6 ft

Radius (ft)	Main Boom (ft)								
	42.0	55.5*	69.2*	83.3*	96.8*	115.2	133.5	151.5	164.0
10	310.0**	198.0	-	-	-	-	-	-	-
11	292.0**	198.0	198.0	-	-	-	-	-	-
13	264.0**	198.0	198.0	165.0	132.0	-	-	-	-
15	237.0**	198.0	198.0	164.5	132.0	-	-	-	-
16	227.0	198.0	198.0	161.0	132.0	83.5	-	-	-
19	197.0	187.5	186.0	149.5	132.0	83.5	79.0	-	-
23	156.0	152.5	151.5	134.5	123.5	83.5	79.0	59.5	-
26	131.0	126.5	124.5	121.0	116.5	83.5	78.0	59.5	44.0
29	108.5	103.0	101.0	99.5	98.0	83.5	75.5	59.5	44.0
33	-	80.5	78.5	78.0	77.0	83.0	71.5	58.7	44.0
39	-	60.5	58.5	57.7	56.8	64.0	63.5	55.1	44.0
46	-	-	42.0	41.3	40.9	47.5	47.9	47.9	43.8
52	-	-	32.7	32.2	31.4	38.2	38.4	38.4	37.9
59	-	-	-	23.6	23.2	30.0	30.2	30.2	30.0
65	-	-	-	18.7	17.9	24.7	25.0	25.0	24.7
72	-	-	-	-	13.1	19.5	19.7	19.7	19.5
79	-	-	-	-	9.3	15.5	15.7	15.7	15.5
85	-	-	-	-	-	12.7	12.9	12.9	12.7
92	-	-	-	-	-	10.1	10.3	10.3	9.8
98	-	-	-	-	-	8.2	8.3	8.3	8.0
105	-	-	-	-	-	-	6.3	6.1	5.9
111	-	-	-	-	-	-	4.7	4.7	4.5
118	-	-	-	-	-	-	-	3.3	2.8

No. of Hoist Lines

	**20/14	12	12	10	8	5	5	4	3
Sequence of Extended Boom (%)									
1. Tel.	0	45	90	68	90	60	75	90	100
2. Tel.	0	0	0	68	90	60	75	90	100
3. Tel.	0	0	0	0	0	60	75	90	100
4. Tel.	0	0	0	0	0	60	75	90	100

DS

003

DS = operating mode switch on PAT-console

* Tele 1 pinned

** with heavy duty attachment

AC 435-V Capacities on Folding Jib

85%

Capacity (lb x 1000) = Load + Hook Block

360°

Main Boom 164.0 ft

Counterweight 103,500 lb
Outrigger Base 24.6 ft

Radius (ft)	Pos. 0°		Pos. 20°		Pos. 40°	
	Folding Jib (ft)					
	33.0	55.5	33.0	55.5	33.0	55.5
26	24.9	-	-	-	-	-
29	24.9	-	-	-	-	-
33	24.9	18.7	-	-	-	-
39	24.9	18.7	20.9	-	-	-
46	24.6	18.7	20.9	-	-	-
52	24.4	18.5	20.9	13.2	18.7	-
59	24.0	18.3	20.9	13.2	18.7	-
65	23.4	18.0	20.9	13.2	18.7	10.5
72	22.7	17.8	20.5	13.2	18.7	10.5
79	20.8	17.6	19.3	13.2	18.2	10.5
85	19.4	16.7	18.3	13.2	17.8	10.5
92	18.2	15.8	16.9	12.5	17.1	10.5
98	17.2	15.0	15.9	11.9	16.3	10.5
105	16.3	14.1	14.7	11.4	15.2	10.3
111	15.5	13.5	13.5	11.0	14.2	10.3
118	14.5	12.5	12.3	10.5	13.0	10.3
124	13.7	11.9	11.3	10.1	12.0	10.1
131	12.3	11.2	10.1	9.7	11.0	10.1
138	10.7	10.5	9.2	9.2	10.1	9.9
144	9.3	9.9	8.6	8.8	-	9.7
151	7.9	9.2	7.9	8.3	-	9.2
157	6.9	8.4	7.3	7.9	-	8.8
164	5.7	7.5	6.1	7.4	-	-
170	4.9	6.4	5.1	7.0	-	-
177	3.7	5.5	-	6.4	-	-
184	-	4.8	-	5.4	-	-
190	-	4.0	-	4.4	-	-
197	-	3.2	-	-	-	-

No. of Hoist Lines

2

DS	020	050	026	056	042	062
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DS = operating mode switch on PAT-console

AC 435-V Capacities on Folding Jib

85%

Capacity (lb x 1000) = Load + Hook Block

Main Boom 164.0 ft

Counterweight 59,500 lb

Outrigger Base 24.6 ft

Radius (ft)	Pos. 0°		Pos. 20°		Pos. 40°	
	Folding Jib (ft)					
	33.0	55.5	33.0	55.5	33.0	55.5
26	24.9	-	-	-	-	-
29	24.9	-	-	-	-	-
33	24.9	18.7	-	-	-	-
39	24.9	18.7	20.9	-	-	-
46	24.6	18.7	20.9	-	-	-
52	24.4	18.5	20.9	13.2	18.7	-
59	24.0	18.3	20.9	13.2	18.7	-
65	23.4	18.0	20.9	13.2	18.7	10.5
72	22.7	17.8	20.5	13.2	18.7	10.5
79	20.8	17.6	19.3	13.2	18.2	10.5
85	19.2	16.7	18.3	13.2	17.8	10.5
92	16.0	15.8	16.9	12.5	17.1	10.5
98	13.4	15.0	15.1	11.9	16.3	10.5
105	10.8	12.7	12.3	11.4	13.4	10.3
111	8.9	10.9	10.3	11.0	11.2	10.3
118	7.0	9.0	8.1	10.5	9.0	10.3
124	5.6	7.6	6.5	9.3	7.4	10.1
131	4.0	6.0	5.1	7.7	5.5	9.0
138	2.6	4.8	3.7	6.1	3.9	7.4
144	-	3.6	2.2	5.1	-	6.0
151	-	2.4	-	3.7	-	4.8
157	-	-	-	2.7	-	3.6

No. of Hoist Lines

2

DS	021	051	027	057	043	063
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DS = operating mode switch on PAT-console

AC 435-V Capacities on Folding Jib

85%

Capacity (lb x 1000) = Load + Hook Block

360°

Main Boom 164.0 ft

Counterweight 42,000 lb
Outrigger Base 24.6 ft

Radius (ft)	Pos. 0°		Pos. 20°		Pos. 40°	
	Folding Jib (ft)					
	33.0	55.5	33.0	55.5	33.0	55.5
26	24.9	-	-	-	-	-
29	24.9	-	-	-	-	-
33	24.9	18.7	-	-	-	-
39	24.9	18.7	20.9	-	-	-
46	24.6	18.7	20.9	-	-	-
52	24.4	18.5	20.9	13.2	18.7	-
59	24.0	18.3	20.9	13.2	18.7	-
65	23.4	18.0	20.9	13.2	18.7	10.5
72	20.5	17.8	20.5	13.2	18.7	10.5
79	16.4	17.5	18.8	13.2	18.2	10.5
85	13.3	14.9	15.5	13.2	17.0	10.5
92	10.5	12.2	12.5	12.5	13.8	10.5
98	8.3	10.0	10.0	11.9	11.4	10.5
105	6.1	7.9	7.7	10.8	8.8	10.3
111	4.5	6.5	5.8	8.9	7.0	10.3
118	2.6	5.0	3.9	7.0	5.1	8.8
124	-	3.6	2.7	5.6	3.4	7.2
131	-	2.2	-	4.0	2.0	5.5
138	-	-	-	3.0	-	3.9
144	-	-	-	-	-	2.7

No. of Hoist Lines

2

DS	022	052	028	058	044	064
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DS = operating mode switch on PAT-console