GUAY

MANNESMANN
DEMAG

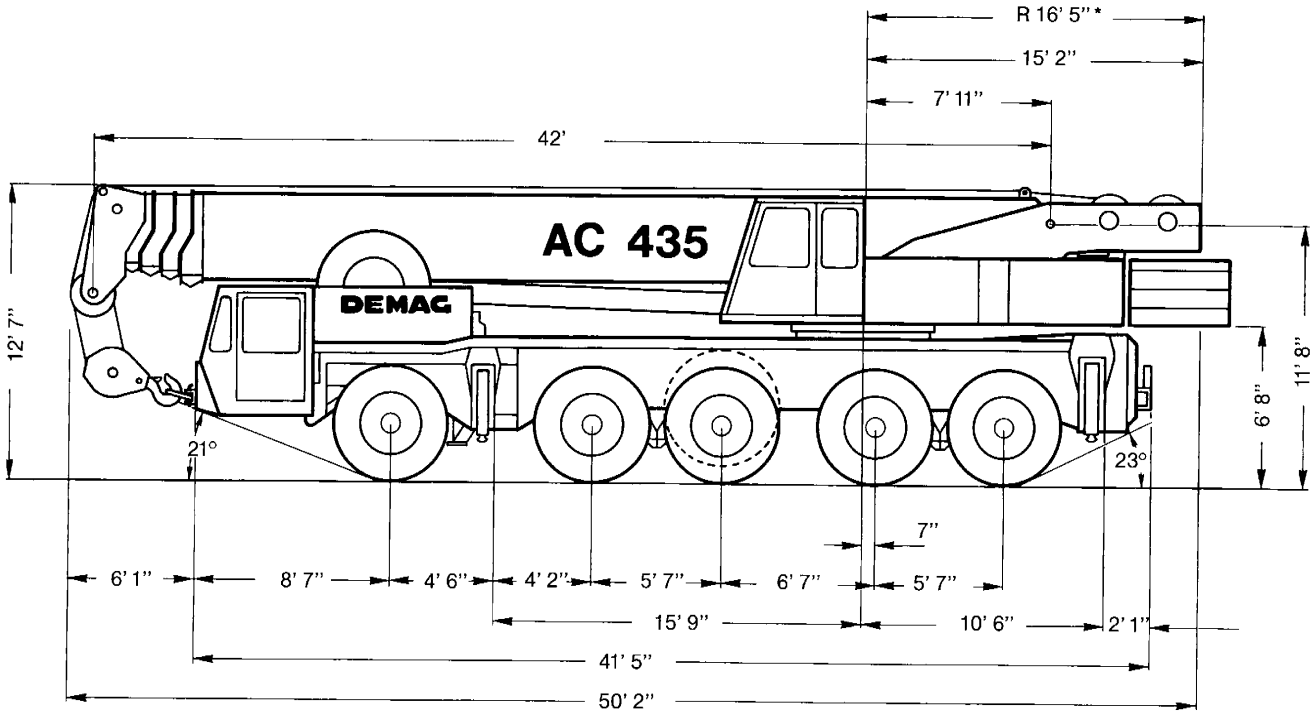
180 ton Telescopic Crane Demag AC 435



180-02, 03, 04

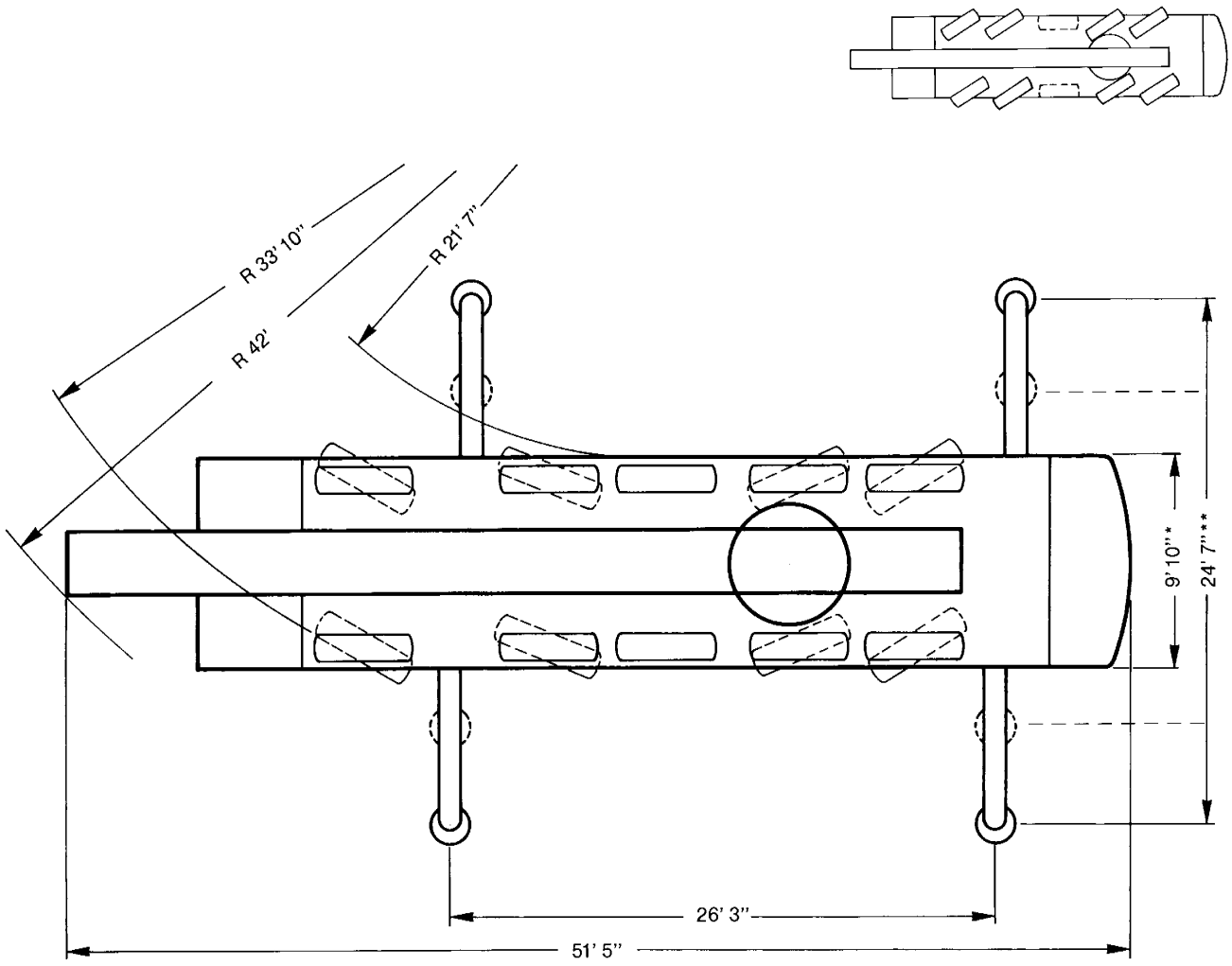
97 000 lbs. Counterweight

Dimensions



* Width with more than 59,000 lb of counterweight: 16' 5", tail swing: 16' 11"

Dimensions



* Width with more than 59,000 lb of counterweight: 16' 5", tail swing: 16' 11"

** Duties for outrigger base 16' upon request

Specifications

Working speeds (infinitely variable)

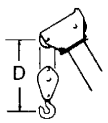
Units	Normal speed	High speed	Single line pull	Length of hoist rope
Hoist I	197 ft/min	394 ft/min	16,100 lb	984 ft
Hoist II	197 ft/min	394 ft/min	16,100 lb	853 ft
Slewing	max. 2 rpm			
Telescoping speed	42 ft – 164 ft: 110 s			
Boom elevation	–2° – +83°: 60 s			

Carrier performance

Travel speeds	
Reverse	0.. 3 mph
Forward	0..43 mph
Gradeability in travel order	max. 60%
Ground clearance	1' 3"

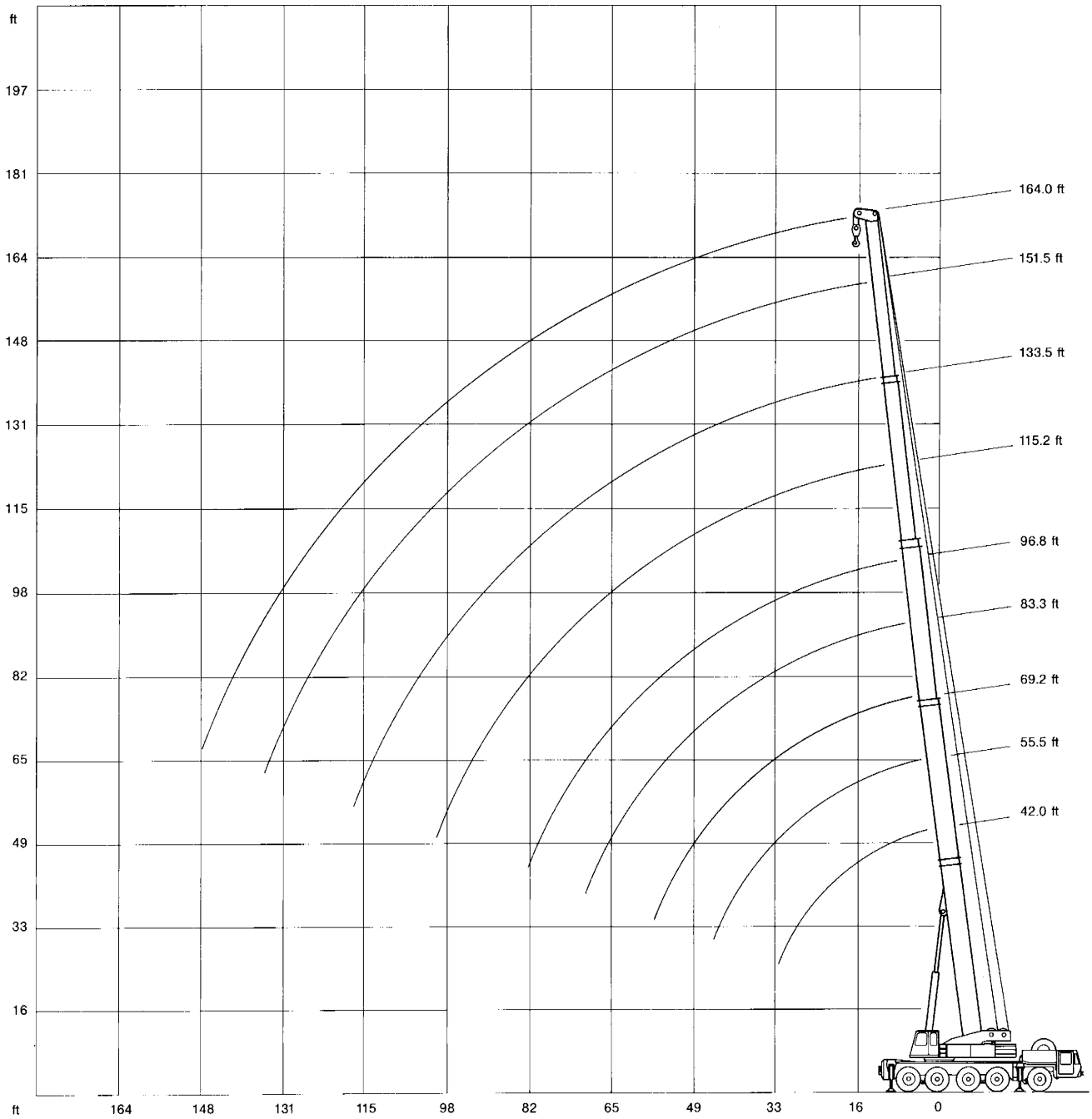
Hook block/Single line hook

Type	Capacity	Number of sheaves	Number of lines	Weight	"D"
160*)	360,000 lb	11	22	4,400 lb	8 ft
80	194,000 lb	5	11	2,680 lb	8 ft
63	123,000 lb	3	7	2,320 lb	8 ft
25	53,000 lb	1	3	1,670 lb	8 ft
8	17,600 lb	Single line hook	1	815 lb	6 ft

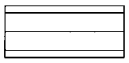


*) heavy-duty attachment is required, without heavy-duty attachment: capacity 220,000 lb (14 lines)

Working range main boom



Lifting capacities main boom in 1,000 lb

97,000 lb   **360°** **85%**

	Main boom								
Radius	42.0 ft	55.5 ft*	69.2 ft*	83.3 ft*	96.8 ft*	115.2 ft	133.5 ft	151.5 ft	164.0 ft
ft					1,000 lb				
10.0	360.0[1] / 327.0[2]	198.0	–	–	–	–	–	–	–
11.0	308.0[2]	198.0	198.0	–	–	–	–	–	–
13.0	277.0	198.0	198.0	165.0	132.0	–	–	–	–
15.0	251.0	198.0	198.0	164.5	132.0	–	–	–	–
16.0	243.0	198.0	198.0	161.0	132.0	83.5	–	–	–
19.0	215.0	198.0	194.5	149.5	132.0	83.5	79.0	–	–
23.0	180.5	178.0	175.0	134.5	123.5	83.5	79.0	61.5	–
26.0	159.5	156.5	155.0	124.5	116.5	83.5	78.0	61.5	46.2
29.0	141.0	139.5	137.5	116.0	109.5	83.5	75.5	61.5	46.2
33.0	–	120.5	118.5	105.5	100.5	83.5	71.5	61.0	46.2
39.0	–	98.0	96.5	91.5	88.0	75.5	66.5	57.5	46.2
46.0	–	–	75.0	77.0	75.5	67.0	60.5	53.3	46.2
52.0	–	–	61.5	63.0	62.5	60.5	55.7	49.2	44.2
59.0	–	–	–	51.2	50.8	54.5	50.5	44.3	41.4
65.0	–	–	–	43.5	42.9	48.4	45.8	40.7	38.6
72.0	–	–	–	–	35.8	41.4	41.5	36.9	35.5
79.0	–	–	–	–	29.9	35.5	35.7	33.6	32.2
85.0	–	–	–	–	–	31.3	31.5	30.7	29.4
92.0	–	–	–	–	–	27.2	27.4	27.4	26.8
98.0	–	–	–	–	–	24.4	24.6	24.4	24.2
105.0	–	–	–	–	–	–	21.3	21.3	20.9
111.0	–	–	–	–	–	–	19.1	18.9	18.7
118.0	–	–	–	–	–	–	–	16.7	16.1
124.0	–	–	–	–	–	–	–	14.9	14.3
131.0	–	–	–	–	–	–	–	13.0	12.4
138.0	–	–	–	–	–	–	–	–	10.9
144.0	–	–	–	–	–	–	–	–	9.5

Boom extension sequence									%
Tele 1	0	45	90	68	90	60	75	90	100
Tele 2	0	0	0	68	90	60	75	90	100
Tele 3	0	0	0	0	0	60	75	90	100
Tele 4	0	0	0	0	0	60	75	90	100

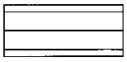
*) Tele 1 pinned

[1]) static test load only

[2]) only over rear!

Duties above 220,000 lb with heavy-duty attachment only.

Lifting capacities main boom in 1,000 lb

59,500 lb   **360°** **85%**

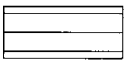
	Main boom													over rear	
Radius	42.0 ft	55.5 ft*	69.2 ft*	83.3 ft*		96.8 ft*		115.2 ft		133.5 ft		151.5 ft	164.0 ft	42.0 ft	69.2 ft
ft	1,000 lb													1,000 lb	
10.0	316.0	198.0	–	–	–	–	–	–	–	–	–	–	–	–	–
11.0	299.0	198.0	198.0	–	–	–	–	–	–	–	–	–	–	–	–
13.0	268.0	198.0	198.0	165.0	77.0	132.0	77.0	–	–	–	–	–	–	–	–
15.0	244.0	198.0	198.0	164.5	77.0	132.0	77.0	–	–	–	–	–	–	43.0	39.7
16.0	233.0	198.0	198.0	161.0	77.0	132.0	77.0	83.5	66.0	–	–	–	–	40.4	37.1
19.0	200.0	191.5	190.5	149.5	77.0	132.0	77.0	83.5	66.0	79.0	41.8	–	–	34.0	30.5
23.0	164.5	161.5	160.0	134.5	77.0	123.5	76.5	83.5	64.5	79.0	41.8	61.5	–	27.2	23.7
26.0	143.0	140.0	138.0	124.5	77.0	116.5	73.0	83.5	61.5	78.0	41.8	61.5	46.2	23.2	19.9
29.0	125.5	122.5	120.0	116.0	77.0	109.5	69.0	83.5	58.3	75.5	41.8	61.5	46.2	19.9	16.6
33.0	–	98.5	96.0	98.0	72.5	97.5	64.5	83.5	54.0	71.5	41.7	61.0	46.2	–	12.8
39.0	–	73.5	71.5	73.5	65.5	72.5	57.3	75.5	47.9	66.5	37.3	57.5	46.2	–	8.8
46.0	–	–	53.2	54.7	55.4	54.3	50.6	60.5	41.3	60.5	32.5	53.3	46.2	–	5.0
52.0	–	–	42.7	44.2	48.0	43.6	45.8	49.8	36.5	50.2	28.9	49.2	44.2	–	2.6
59.0	–	–	–	34.6	41.0	34.2	39.7	40.2	32.0	40.4	25.6	40.4	40.1	–	–
65.0	–	–	–	28.2	35.8	27.7	35.2	33.9	28.7	34.3	23.5	34.3	34.1	–	–
72.0	–	–	–	–	–	21.7	30.5	28.1	26.2	28.3	21.2	28.3	28.1	–	–
79.0	–	–	–	–	–	17.0	26.0	23.2	23.5	23.4	19.3	23.4	23.2	–	–
85.0	–	–	–	–	–	–	–	19.7	21.9	20.0	18.1	20.0	19.7	–	–
92.0	–	–	–	–	–	–	–	16.7	19.7	16.9	16.9	16.9	16.4	–	–
98.0	–	–	–	–	–	–	–	14.2	17.5	14.2	15.7	14.2	14.0	–	–
105.0	–	–	–	–	–	–	–	–	–	11.9	14.5	11.9	11.6	–	–
111.0	–	–	–	–	–	–	–	–	–	10.0	13.5	10.0	9.8	–	–
118.0	–	–	–	–	–	–	–	–	–	–	–	8.1	7.9	–	–
124.0	–	–	–	–	–	–	–	–	–	–	–	6.7	6.5	–	–
131.0	–	–	–	–	–	–	–	–	–	–	–	5.5	4.9	–	–
138.0	–	–	–	–	–	–	–	–	–	–	–	–	3.7	–	–
144.0	–	–	–	–	–	–	–	–	–	–	–	–	2.7	–	–

Boom extension sequence															%
Tele 1	0	45	90	68	0	90	0	60	0	75	0	90	100	0	90
Tele 2	0	0	0	68	45	90	60	60	80	75	100	90	100	0	0
Tele 3	0	0	0	0	45	0	60	60	80	75	100	90	100	0	0
Tele 4	0	0	0	0	45	0	60	60	80	75	100	90	100	0	0

*) Tele 1 pinned

Duties above 220,000 lb with heavy-duty attachment only.

Lifting capacities main boom in 1,000 lb

42,000 lb   **360°** **85 %**

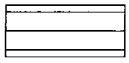
	Main boom													over rear	
Radius	42.0 ft	55.5 ft*	69.2 ft*	83.3 ft*		96.8 ft*		115.2 ft		133.5 ft		151.5 ft	164.0 ft	42.0 ft	69.2 ft
ft	1,000 lb													1,000 lb	
10.0	310.0	198.0	–	–	–	–	–	–	–	–	–	–	–	–	–
11.0	292.0	198.0	198.0	–	–	–	–	–	–	–	–	–	–	–	–
13.0	264.0	198.0	198.0	165.0	77.0	132.0	77.0	–	–	–	–	–	–	–	–
15.0	237.0	198.0	198.0	164.5	77.0	132.0	77.0	–	–	–	–	–	–	36.9	33.6
16.0	224.0	198.0	198.0	161.0	77.0	132.0	77.0	83.5	66.0	–	–	–	–	34.6	31.1
19.0	190.0	183.0	182.0	149.5	77.0	132.0	77.0	83.5	66.0	79.0	41.8	–	–	28.6	25.3
23.0	152.0	148.5	146.5	134.5	77.0	123.5	76.5	83.5	64.5	79.0	41.8	59.5	–	22.4	18.9
26.0	127.0	122.5	119.5	121.0	77.0	116.5	73.0	83.5	61.5	78.0	41.8	59.5	44.0	19.0	15.4
29.0	104.5	100.0	97.0	99.5	77.0	98.0	69.0	83.5	58.3	75.5	41.8	59.5	44.0	15.9	12.4
33.0	–	78.5	76.0	78.0	72.5	77.0	64.5	83.0	54.0	71.5	41.7	58.7	44.0	–	9.1
39.0	–	58.1	55.7	57.7	65.0	56.8	57.3	64.0	47.9	63.5	37.3	55.1	44.0	–	5.5
46.0	–	–	39.5	41.3	49.5	40.9	50.1	47.5	41.3	47.9	32.5	47.9	43.8	–	2.1
52.0	–	–	30.5	32.2	40.2	31.4	40.6	38.2	36.3	38.4	28.9	38.4	37.9	–	–
59.0	–	–	–	23.6	32.0	23.2	32.4	30.0	31.7	30.2	25.6	30.2	30.0	–	–
65.0	–	–	–	18.7	26.7	17.9	27.2	24.7	27.7	25.0	23.5	25.0	24.7	–	–
72.0	–	–	–	–	–	13.1	22.6	19.5	23.0	19.7	20.7	19.7	19.5	–	–
79.0	–	–	–	–	–	9.3	18.5	15.5	19.0	15.7	19.0	15.7	15.5	–	–
85.0	–	–	–	–	–	–	–	12.7	16.0	12.9	16.4	12.9	12.7	–	–
92.0	–	–	–	–	–	–	–	10.1	13.4	10.3	13.8	10.3	9.8	–	–
98.0	–	–	–	–	–	–	–	8.2	11.5	8.3	11.8	8.3	8.0	–	–
105.0	–	–	–	–	–	–	–	–	–	6.3	9.9	6.1	5.9	–	–
111.0	–	–	–	–	–	–	–	–	–	4.7	8.3	4.7	4.5	–	–
118.0	–	–	–	–	–	–	–	–	–	–	–	3.3	2.8	–	–

Boom extension sequence															%
Tele 1	0	45	90	68	0	90	0	60	0	75	0	90	100	0	90
Tele 2	0	0	0	68	45	90	60	60	80	75	100	90	100	0	0
Tele 3	0	0	0	0	45	0	60	60	80	75	100	90	100	0	0
Tele 4	0	0	0	0	45	0	60	60	80	75	100	90	100	0	0

*) Tele 1 pinned

Duties above 220,000 lb with heavy-duty attachment only.

Lifting capacities main boom in 1,000 lb

24,200 lb   **360°** **85%**

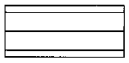
	Main boom													over rear	
Radius	42.0 ft	55.5 ft*	69.2 ft*	83.3 ft*		96.8 ft*		115.2 ft		133.5 ft		151.5 ft	164.0 ft	42.0 ft	69.2 ft
ft	1,000 lb													1,000 lb	
10.0	303.0	198.0	–	–	–	–	–	–	–	–	–	–	–	–	–
11.0	287.0	198.0	198.0	–	–	–	–	–	–	–	–	–	–	–	–
13.0	257.0	198.0	198.0	165.0	77.0	132.0	77.0	–	–	–	–	–	–	–	–
15.0	230.0	198.0	198.0	164.5	77.0	132.0	77.0	–	–	–	–	–	–	33.1	29.4
16.0	216.0	198.0	198.0	161.0	77.0	132.0	77.0	83.5	66.0	–	–	–	–	30.9	27.3
19.0	180.5	175.0	173.5	149.5	77.0	132.0	77.0	83.5	66.0	77.0	41.8	–	–	25.2	21.7
23.0	138.0	133.0	129.5	132.5	77.0	123.0	76.5	83.5	64.5	77.0	41.8	57.3	–	19.3	15.8
26.0	108.5	103.5	100.5	103.5	77.0	102.0	73.0	83.5	61.5	76.0	41.8	57.3	42.9	16.1	12.4
29.0	88.0	84.0	81.0	83.5	77.0	82.5	69.0	83.5	58.3	74.0	41.8	55.2	42.9	13.2	9.7
33.0	–	64.5	62.0	64.0	72.0	63.5	64.5	72.0	54.0	70.5	41.7	52.3	42.9	–	6.7
39.0	–	46.1	43.4	45.4	54.4	45.0	54.8	52.5	47.9	52.9	37.3	49.9	42.9	–	3.2
46.0	–	–	29.8	31.8	40.0	31.2	40.6	38.0	41.3	38.4	32.5	38.4	38.0	–	–
52.0	–	–	21.8	23.6	31.9	22.7	32.6	29.9	33.2	30.2	28.9	30.2	29.9	–	–
59.0	–	–	–	16.3	24.9	15.7	25.6	22.7	26.2	23.2	25.6	23.2	22.9	–	–
65.0	–	–	–	12.1	20.3	9.4	21.1	18.1	21.6	18.3	22.1	18.3	18.1	–	–
72.0	–	–	–	–	–	7.1	16.8	13.7	17.3	13.9	17.7	13.9	13.7	–	–
79.0	–	–	–	–	–	4.3	13.3	10.4	13.7	10.6	14.2	10.6	10.2	–	–
85.0	–	–	–	–	–	–	–	8.0	11.5	8.2	12.0	8.2	8.0	–	–
92.0	–	–	–	–	–	–	–	5.9	9.2	6.1	9.6	5.9	5.6	–	–
98.0	–	–	–	–	–	–	–	4.3	7.6	4.3	7.8	4.3	4.0	–	–
105.0	–	–	–	–	–	–	–	–	–	2.6	6.1	2.6	2.2	–	–
111.0	–	–	–	–	–	–	–	–	–	–	4.9	–	–	–	–

Boom extension sequence															%
Tele 1	0	45	90	68	0	90	0	60	0	75	0	90	100	0	90
Tele 2	0	0	0	68	45	90	60	60	80	75	100	90	100	0	0
Tele 3	0	0	0	0	45	0	60	60	80	75	100	90	100	0	0
Tele 4	0	0	0	0	45	0	60	60	80	75	100	90	100	0	0

*) Tele 1 pinned

Duties above 220,000 lb with heavy-duty attachment only.

Lifting capacities main boom in 1,000 lb

0 lb   **360°** **85%**

	Main boom													over rear	
Radius	42.0 ft	55.5 ft*	69.2 ft*	83.3 ft*		96.8 ft*		115.2 ft		133.5 ft		151.5 ft	164.0 ft	42.0 ft	69.2 ft
ft	1,000 lb													1,000 lb	
10.0	297.0	198.0	–	–	–	–	–	–	–	–	–	–	–	–	–
11.0	279.0	198.0	198.0	–	–	–	–	–	–	–	–	–	–	–	–
13.0	246.0	198.0	198.0	165.0	77.0	132.0	77.0	–	–	–	–	–	–	–	–
15.0	216.0	197.5	197.0	164.5	77.0	132.0	77.0	–	–	–	–	–	–	24.8	21.1
16.0	201.0	193.5	192.0	161.0	77.0	132.0	77.0	83.5	66.0	–	–	–	–	22.8	19.1
19.0	143.5	138.5	135.0	131.5	77.0	125.0	77.0	83.5	66.0	74.5	41.8	–	–	18.0	14.1
23.0	91.5	86.5	84.0	86.5	77.0	85.5	76.5	83.5	64.5	74.5	41.8	52.9	–	12.9	9.2
26.0	70.0	65.0	62.5	65.0	74.5	64.5	73.0	72.5	61.5	72.5	41.8	52.9	41.8	10.1	6.4
29.0	55.2	50.7	48.0	50.3	60.0	49.8	60.5	58.2	58.3	58.6	41.8	52.9	41.8	7.8	3.9
33.0	–	37.5	34.9	37.0	45.8	36.6	46.7	43.9	47.6	44.3	41.6	41.9	38.3	–	–
39.0	–	25.2	23.2	25.0	32.9	24.1	33.4	31.0	34.1	31.4	34.6	31.3	30.8	–	–
46.0	–	–	14.2	15.8	23.3	15.3	23.7	21.3	24.6	21.7	25.0	21.7	21.5	–	–
52.0	–	–	9.0	10.7	17.8	10.3	18.3	16.0	19.1	16.3	19.6	16.3	16.1	–	–
59.0	–	–	–	5.9	13.2	5.1	13.7	11.5	14.3	11.7	15.0	11.7	11.2	–	–
65.0	–	–	–	2.7	10.4	–	10.8	8.6	11.5	8.8	11.9	8.8	8.2	–	–
72.0	–	–	–	–	–	–	8.2	5.3	8.6	5.5	8.8	5.5	5.1	–	–
79.0	–	–	–	–	–	–	5.8	3.0	6.3	3.2	6.7	3.2	2.7	–	–
85.0	–	–	–	–	–	–	–	–	4.7	–	4.9	–	–	–	–
92.0	–	–	–	–	–	–	–	–	2.8	–	3.2	–	–	–	–

Boom extension sequence															%
Tele 1	0	45	90	68	0	90	0	60	0	75	0	90	100	0	90
Tele 2	0	0	0	68	45	90	60	60	80	75	100	90	100	0	0
Tele 3	0	0	0	0	45	0	60	60	80	75	100	90	100	0	0
Tele 4	0	0	0	0	45	0	60	60	80	75	100	90	100	0	0

*) Tele 1 pinned

Duties above 220,000 lb with heavy-duty attachment only.

Notes to lifting capacity

Lifting capacities do not exceed 75/85% of tipping load.

Weight of hook blocks and slings is part of the load, and is to be deducted from the capacity ratings.

Crane operation is permissible up to a

wind speed of ..... 32 ft/s

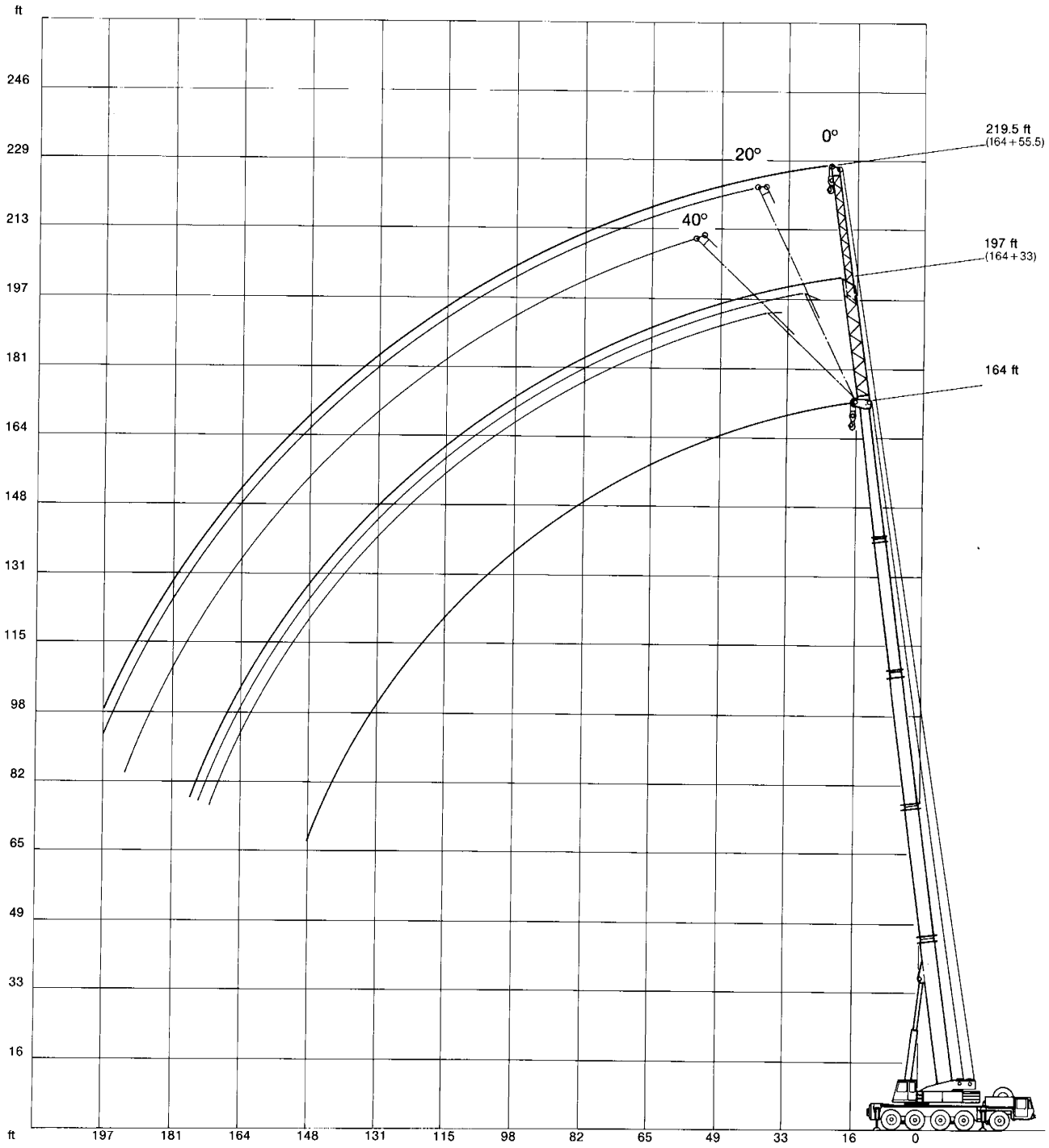
Consult operation manual for further details on wind speed.

All capacities above the parting line are based on structural competence. Capacities below the parting line are based on machine stability.

Crane operation subject to computer charts, only!

For crane operation consult operation manual first!

Working range main boom extension

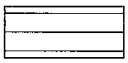


Lifting capacities main boom extension in 1,000 lb

Main boom: 164 ft

97,000 lb   360° 85%

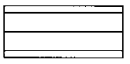
	Lattice-extension					
	33.0 ft			55.5 ft		
Radius	0°	20°	40°	0°	20°	40°
ft	1,000 lb			1,000 lb		
39.0	24.9	–	–	–	–	–
46.0	24.4	19.8	–	18.7	–	–
52.0	24.0	18.4	–	18.5	–	–
59.0	23.1	15.6	16.0	17.4	11.9	–
65.0	22.3	15.4	15.4	16.8	11.5	–
72.0	21.4	14.3	15.2	16.1	11.0	8.6
79.0	20.4	13.2	13.8	15.1	11.7	8.1
85.0	19.2	12.5	12.8	14.1	10.1	7.9
92.0	18.2	11.8	11.6	13.6	9.6	7.7
98.0	17.2	11.2	10.8	13.0	9.2	7.5
105.0	16.3	10.8	10.1	12.5	8.8	7.2
111.0	15.5	9.9	9.7	11.7	8.6	7.0
118.0	14.5	9.4	9.0	11.2	7.9	6.8
124.0	13.7	9.0	8.6	10.8	7.5	6.4
131.0	12.3	8.1	7.9	10.1	7.2	6.1
138.0	10.7	7.7	7.0	9.4	6.8	5.9
144.0	9.3	7.2	6.2	9.0	6.2	5.7
151.0	7.9	6.8	5.5	8.5	5.7	5.2
157.0	6.9	6.2	–	7.9	5.3	5.0
164.0	5.7	5.7	–	7.4	4.4	4.4
170.0	4.9	4.9	–	6.4	4.0	4.0
177.0	3.7	3.9	–	5.5	3.5	–
184.0	–	–	–	4.8	–	–
190.0	–	–	–	4.0	–	–

59,500 lb   360° 85%

	Lattice-extension					
	33.0 ft			55.5 ft		
Radius	0°	20°	40°	0°	20°	40°
ft	1,000 lb			1,000 lb		
39.0	24.9	–	–	–	–	–
46.0	24.4	19.8	–	18.7	–	–
52.0	24.0	18.4	–	18.5	–	–
59.0	23.1	15.6	16.0	17.4	11.9	–
65.0	22.3	15.4	15.4	16.8	11.5	–
72.0	21.4	14.3	15.2	16.1	11.0	8.6
79.0	20.4	13.2	13.8	15.1	10.7	8.1
85.0	19.2	12.5	12.8	14.5	10.1	7.9
92.0	16.9	11.8	11.6	13.6	9.6	7.7
98.0	14.5	11.2	10.8	13.0	9.2	7.5
105.0	11.6	10.8	10.1	12.5	8.8	7.2
111.0	9.8	9.9	9.7	11.7	8.6	7.0
118.0	7.9	9.2	9.0	9.9	7.9	6.8
124.0	6.3	7.6	8.0	8.3	7.5	6.4
131.0	5.1	6.0	6.4	6.8	7.2	6.1
138.0	3.7	4.3	5.0	5.4	6.8	5.9
144.0	2.4	3.3	3.8	4.4	6.0	5.7
151.0	–	2.1	2.4	3.5	4.8	5.2
157.0	–	–	–	2.5	3.8	4.2
164.0	–	–	–	–	2.6	3.3
170.0	–	–	–	–	–	2.3

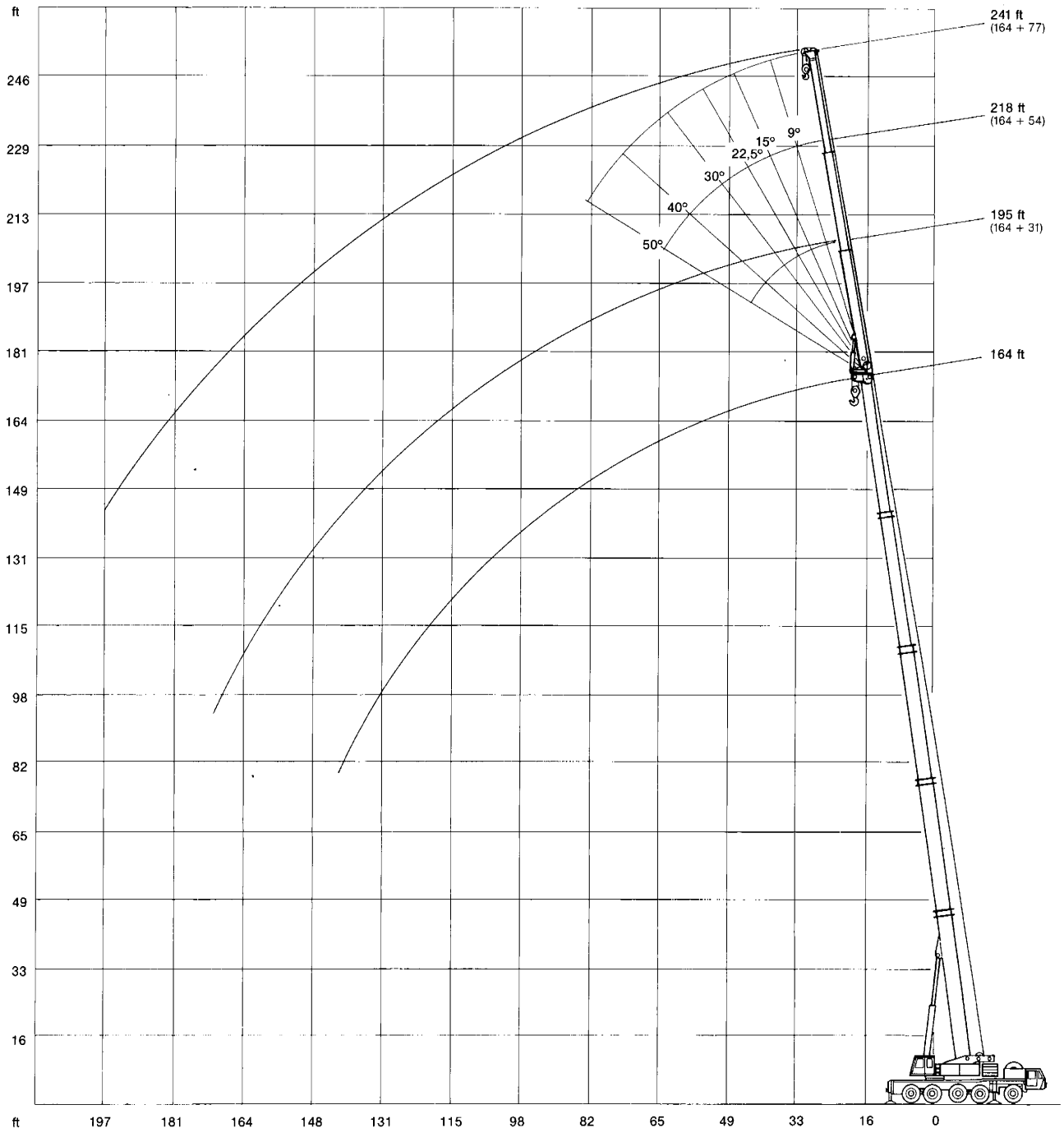
42,000 lb   360° 85%

	Lattice-extension					
	33.0 ft			55.5 ft		
Radius	0°	20°	40°	0°	20°	40°
ft	1,000 lb			1,000 lb		
39.0	24.9	–	–	–	–	–
46.0	24.4	19.8	–	18.7	–	–
52.0	24.0	18.4	–	18.5	–	–
59.0	23.1	15.6	16.0	17.4	11.9	–
65.0	22.3	15.4	15.4	16.8	11.5	–
72.0	21.4	14.3	15.2	16.1	11.0	8.6
79.0	17.2	13.2	13.8	15.1	10.7	8.1
85.0	14.4	12.5	12.8	14.5	10.1	7.9
92.0	11.4	11.8	11.6	12.9	9.6	7.7
98.0	9.4	10.8	10.8	10.9	9.2	7.5
105.0	7.0	8.8	9.6	9.0	8.8	7.2
111.0	5.6	7.0	7.6	7.4	8.6	7.0
118.0	3.7	5.1	5.7	5.7	7.9	6.8
124.0	2.5	3.6	4.3	4.5	6.3	6.4
131.0	–	2.2	2.7	3.3	5.1	6.1
138.0	–	–	–	2.1	3.7	4.8
144.0	–	–	–	–	2.4	3.6
151.0	–	–	–	–	–	2.4

24,200 t   360° 85%

	Lattice-extension					
	33.0 ft			55.5 ft		
Radius	0°	20°	40°	0°	20°	40°
ft	1,000 lb			1,000 lb		
39.0	24.9	–	–	–	–	–
46.0	24.4	19.8	–	18.7	–	–
52.0	24.0	18.4	–	18.5	–	–
59.0	22.5	15.6	16.0	17.4	11.9	–
65.0	17.8	15.4	15.4	16.8	11.5	–
72.0	13.7	14.3	15.2	14.8	11.0	8.6
79.0	10.6	12.8	13.8	11.5	10.7	8.1
85.0	8.0	10.2	11.9	9.3	10.1	7.9
92.0	5.9	7.6	9.4	7.2	9.6	7.7
98.0	4.0	5.8	7.2	5.6	8.2	7.5
105.0	2.4	3.9	5.0	3.9	6.3	7.2
111.0	–	2.5	3.4	2.5	5.1	7.0
118.0	–	–	–	–	3.5	5.5
124.0	–	–	–	–	2.5	4.1
131.0	–	–	–	–	–	2.6

Working range hydraulic fly jib



Lifting capacities hydraulic fly jib in 1,000 lb

Main boom: 164 ft

97,000 lb — 360° 75%

	Fly jib 31.0 ft						
Radius	2.5°	9.0°	15.0°	22.5°	30.0°	40.0°	50.0°
ft	1,000 lb						
46	16.5	16.5	–	–	–	–	–
52	15.1	15.1	15.0	15.0	15.0	–	–
59	13.6	13.6	13.6	13.6	13.6	13.6	13.6
65	12.6	12.6	12.6	12.6	12.6	12.6	12.6
72	11.4	11.4	11.4	11.4	11.4	11.4	11.4
79	10.5	10.5	10.5	10.5	10.5	10.5	10.5
85	9.9	9.9	9.9	9.9	9.9	9.9	9.9
92	9.0	9.0	9.0	9.0	9.0	9.0	9.0
98	8.4	8.4	8.4	8.4	8.4	8.4	8.4
105	7.7	7.7	7.7	7.7	7.7	7.7	7.7
111	7.1	7.1	7.1	6.9	6.9	6.9	6.9
118	6.6	6.6	6.6	6.1	6.1	6.1	–
124	6.0	6.0	6.0	5.7	5.7	5.7	–
131	5.3	5.5	5.5	5.3	5.3	5.3	–
138	4.8	5.0	5.0	4.6	4.6	–	–
144	4.4	4.6	4.6	4.4	4.4	–	–
151	3.5	3.7	3.9	4.1	4.1	–	–
157	2.5	2.7	2.9	2.9	–	–	–
164	–	–	–	–	–	–	–
170	–	–	–	–	–	–	–
177	–	–	–	–	–	–	–

97,000 lb — 360° 75%

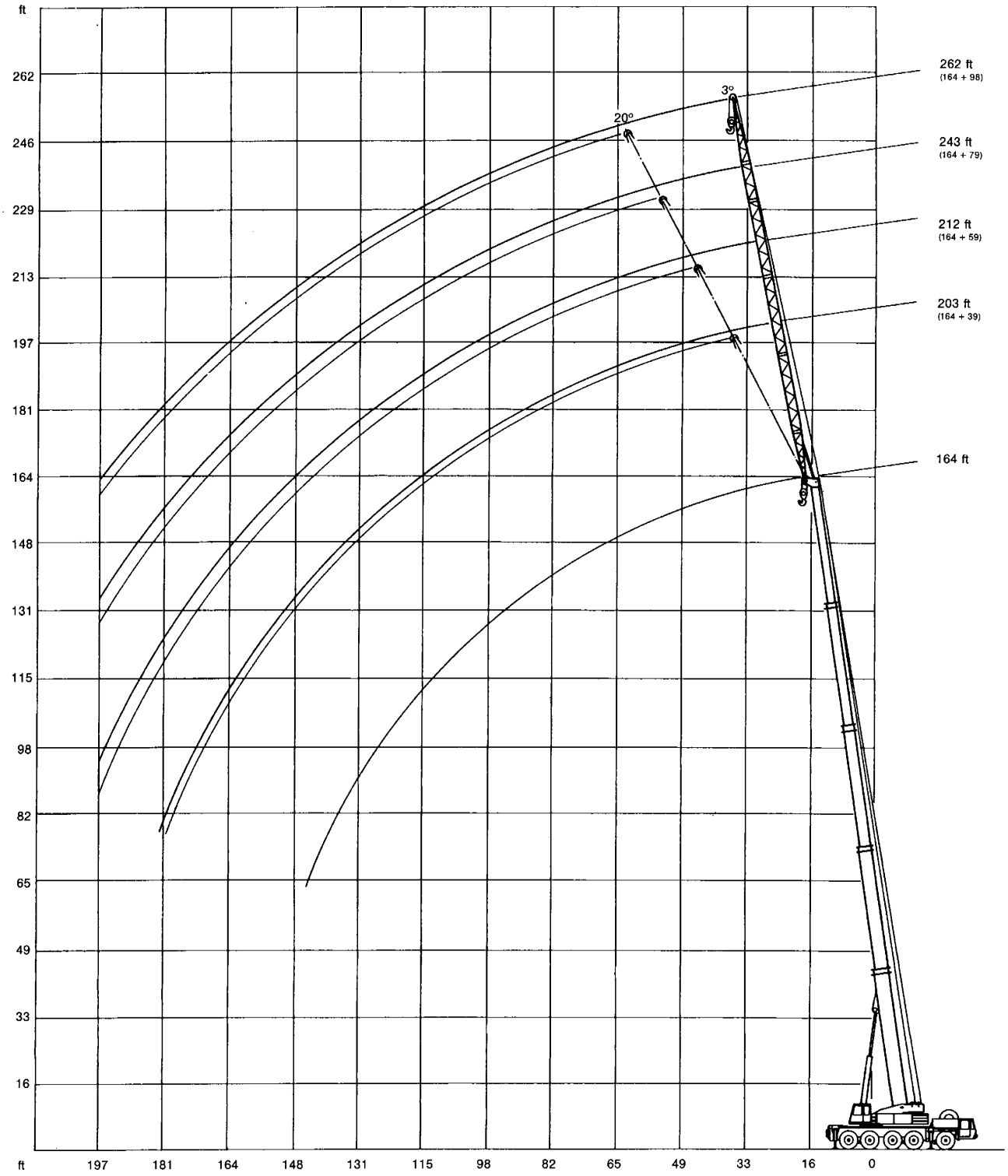
	Fly jib 54.0 ft						
Radius	2.5°	9.0°	15.0°	22.5°	30.0°	40.0°	50.0°
ft	1,000 lb						
46	13.2	–	–	–	–	–	–
52	12.2	12.1	–	–	–	–	–
59	11.2	11.2	11.2	–	–	–	–
65	10.6	10.6	10.6	10.6	–	–	–
72	9.9	9.9	9.9	9.9	9.9	9.0	–
79	9.2	9.2	9.2	9.2	9.2	8.5	7.4
85	8.8	8.8	8.8	8.8	8.8	8.1	7.2
92	8.1	8.1	8.1	8.1	8.1	7.7	7.2
98	7.5	7.5	7.5	7.5	7.5	7.3	7.0
105	7.0	7.0	7.0	7.0	7.0	6.8	6.8
111	6.6	6.6	6.6	6.6	6.6	6.6	6.6
118	6.1	6.1	6.1	5.9	5.9	5.9	5.9
124	5.7	5.7	5.7	5.5	5.5	5.5	5.5
131	5.0	5.0	5.0	5.0	5.0	5.0	5.0
138	4.6	4.6	4.6	4.6	4.6	4.6	–
144	4.2	4.2	4.2	4.2	4.2	4.2	–
151	3.7	3.7	3.7	3.9	3.9	3.9	–
157	3.5	3.5	3.5	3.7	3.7	–	–
164	3.3	3.3	3.3	3.3	3.3	–	–
170	2.7	2.9	2.9	2.9	2.9	–	–
177	–	2.0	2.2	2.4	–	–	–

97,000 lb — 360° 75%

	Fly jib 77.0 ft						
Radius	2.5°	9.0°	15.0°	22.5°	30.0°	40.0°	50.0°
ft	1,000 lb						
59	9.0	9.0	–	–	–	–	–
65	8.2	8.2	8.1	–	–	–	–
72	7.7	7.7	7.7	–	–	–	–
79	7.4	7.4	7.4	6.1	–	–	–
85	7.2	7.2	7.2	5.9	5.9	–	–
92	7.0	7.0	7.0	5.5	5.5	4.8	–
98	6.6	6.6	6.6	5.3	5.3	4.6	4.1
105	6.3	6.1	6.1	5.0	5.0	4.6	4.1
111	5.9	5.7	5.7	4.8	4.8	4.4	4.1
118	5.7	5.2	5.2	4.6	4.6	4.4	4.1
124	5.3	5.0	5.0	4.4	4.4	4.2	3.9
131	4.8	4.6	4.6	4.1	4.1	3.9	3.9
138	4.3	4.3	4.3	3.9	3.9	3.7	3.7
144	3.9	3.9	3.9	3.7	3.7	3.5	3.5
151	3.7	3.7	3.7	3.3	3.3	3.0	–
157	3.5	3.5	3.5	2.8	2.8	2.6	–
164	3.0	3.0	3.0	2.6	2.6	2.6	–
170	2.8	2.8	2.8	2.6	2.6	2.4	–
177	2.6	2.6	2.6	2.4	2.4	2.2	–
184	2.6	2.4	2.4	2.1	2.1	–	–
190	2.2	2.2	2.2	1.9	1.9	–	–
197	–	–	–	1.9	1.9	–	–

Duties for other counterweight combinations and main boom lengths on request

Working range fixed fly jib

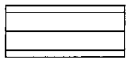


Lifting capacities fixed fly jib in 1,000 lb

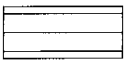
Main boom: 164 ft

97,000 lb   360° 85%

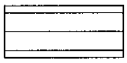
Radius	Fixed fly jib 39.0 ft	Fixed fly jib 59,0 ft
	3°	3°
ft	1,000 lb	
33	24.2	–
39	23.8	18.7
46	22.9	17.8
52	21.9	17.2
59	20.9	16.7
65	19.9	15.9
72	18.9	15.2
79	17.6	14.5
85	16.7	13.7
92	15.6	12.9
98	14.8	12.1
105	13.8	11.4
111	13.2	10.8
118	12.3	10.1
124	11.7	9.5
131	11.0	9.0
138	10.3	8.1
144	9.7	7.7
151	9.2	7.2
157	8.0	7.0
164	7.0	6.3
170	6.0	6.1
177	4.8	5.3
184	–	4.3
190	–	3.7

59,500 lb   360° 85%

Radius	Fixed fly jib 39.0 ft		Fixed fly jib 59.0 ft		Fixed fly jib 79.0 ft		Fixed fly jib 98.0 ft	
	3°	20°	3°	20°	3°	20°	3°	20°
ft	1,000 lb							
33	24.2	–	–	–	–	–	–	–
39	23.8	–	18.7	–	–	–	–	–
46	22.9	–	17.8	–	13.8	–	–	–
52	21.9	17.4	17.2	–	13.2	–	9.9	–
59	20.9	16.5	16.7	12.5	12.7	–	9.7	–
65	19.9	15.7	15.9	12.1	11.9	–	9.3	–
72	18.9	15.0	15.2	11.6	11.4	8.8	8.8	–
79	17.6	14.2	14.5	11.2	10.9	8.3	8.1	–
85	16.7	13.2	13.7	10.8	10.1	8.1	7.9	6.1
92	15.6	12.1	12.9	10.1	9.6	7.7	7.4	5.9
98	14.8	11.5	12.1	9.7	9.2	7.5	7.0	5.7
105	13.2	10.8	11.4	9.2	8.8	7.2	6.8	5.5
111	11.4	9.9	10.8	8.6	8.2	6.8	6.4	5.1
118	9.2	9.2	9.9	8.1	7.7	6.6	5.9	4.8
124	7.8	8.4	8.3	7.7	7.3	6.2	5.5	4.6
131	6.2	7.3	7.0	7.2	6.8	5.7	5.0	4.4
138	4.8	5.9	5.2	6.7	6.1	5.2	4.8	4.1
144	3.8	4.7	4.4	5.5	4.9	4.8	4.4	3.9
151	2.6	3.2	3.2	4.3	3.9	4.6	4.1	3.3
157	–	2.4	2.4	3.3	2.9	4.2	3.3	3.1
164	–	–	–	2.4	–	3.3	2.4	2.8
170	–	–	–	–	–	2.7	–	2.4
177	–	–	–	–	–	–	–	2.2

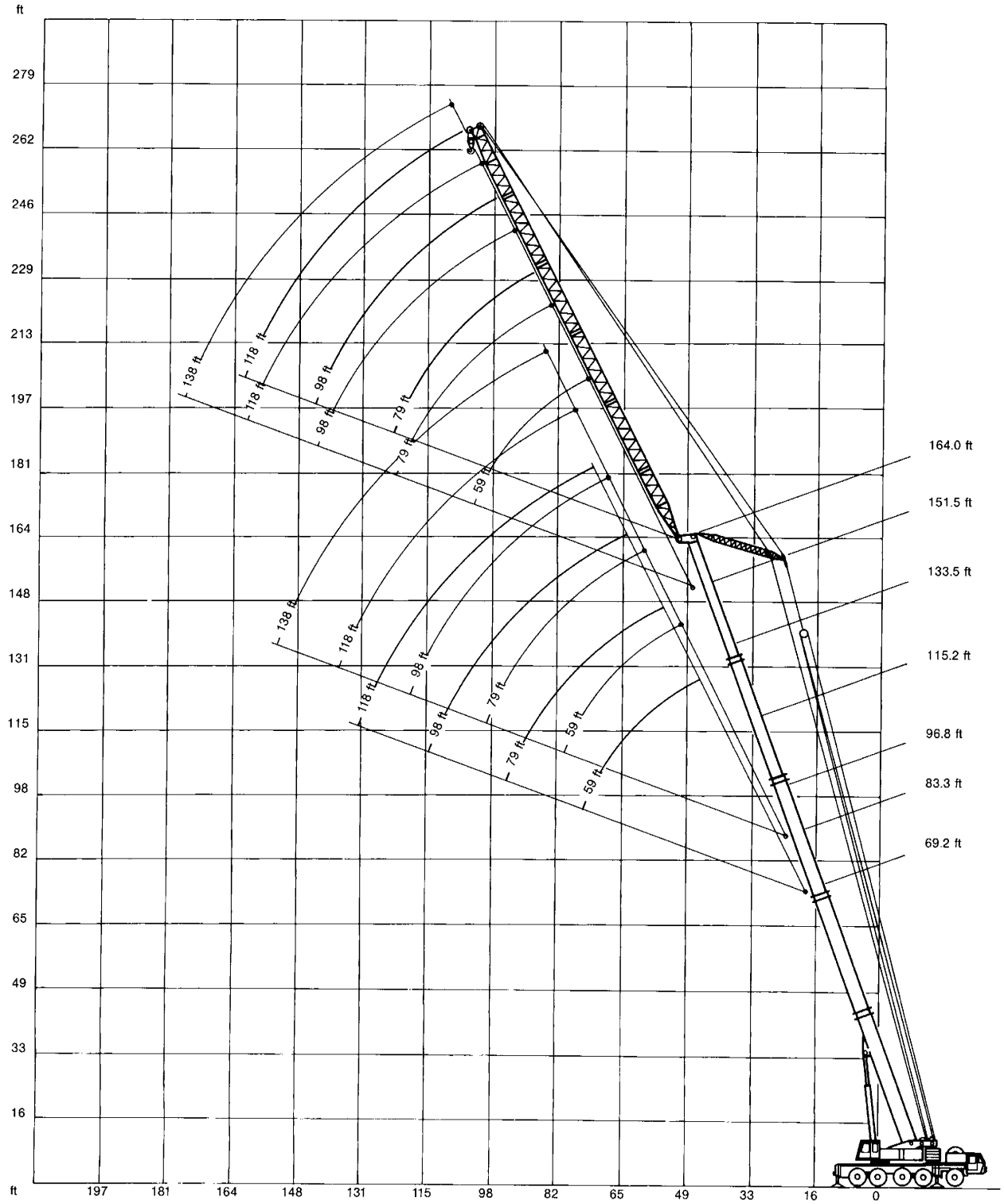
42,000 lb   360° 85%

Radius	Fixed fly jib 39.0 ft		Fixed fly jib 59.0 ft		Fixed fly jib 79.0 ft		Fixed fly jib 98.0 ft	
	3°	20°	3°	20°	3°	20°	3°	20°
ft	1,000 lb							
33	24.2	–	–	–	–	–	–	–
39	23.8	–	18.7	–	–	–	–	–
46	22.9	–	17.8	–	13.8	–	–	–
52	21.9	17.4	17.2	–	13.2	–	9.9	–
59	20.9	16.5	16.7	12.5	12.7	–	9.7	–
65	19.9	15.7	15.9	12.1	11.9	–	9.3	–
72	18.9	15.0	15.2	11.6	11.4	8.8	8.8	–
79	17.5	14.2	14.5	11.2	10.9	8.3	8.1	–
85	14.6	13.2	13.7	10.8	10.1	8.1	7.9	6.1
92	11.8	12.1	11.8	10.1	9.6	7.7	7.4	5.9
98	9.8	11.5	10.0	9.7	9.2	7.5	7.0	5.7
105	7.7	9.2	7.9	9.2	8.1	7.2	6.8	5.5
111	6.1	7.4	6.5	8.6	6.9	6.8	6.4	5.1
118	4.4	5.7	4.8	7.0	5.1	6.6	5.0	4.8
124	3.2	4.3	3.8	5.4	4.0	6.2	4.0	4.6
131	–	2.9	2.4	4.2	2.9	5.1	2.9	4.4
138	–	–	–	2.8	–	3.9	–	4.1
144	–	–	–	–	–	2.9	–	3.3
151	–	–	–	–	–	–	–	2.4

24,200 lb   360° 85%

Radius	Fixed fly jib 39.0 ft		Fixed fly jib 59.0 ft		Fixed fly jib 79.0 ft		Fixed fly jib 98.0 ft	
	3°	20°	3°	20°	3°	20°	3°	20°
ft	1,000 lb							
33	24.2	–	–	–	–	–	–	–
39	23.8	–	18.7	–	–	–	–	–
46	22.9	–	17.8	–	13.8	–	–	–
52	21.9	17.4	17.2	–	13.2	–	9.9	–
59	20.9	16.5	16.7	12.5	12.7	–	9.7	–
65	19.1	15.7	15.9	12.1	11.9	–	9.3	–
72	15.3	15.0	15.2	11.6	11.4	8.8	8.8	–
79	11.8	14.2	11.8	11.2	10.9	8.3	8.1	–
85	9.5	11.5	9.5	10.8	9.7	8.1	7.9	6.1
92	7.2	9.2	7.4	10.1	7.4	7.7	7.4	5.9
98	5.4	7.4	5.4	8.2	5.8	7.5	5.8	5.7
105	3.7	5.5	3.9	6.6	4.1	7.2	4.1	5.5
111	2.5	4.0	2.7	4.7	2.7	5.8	2.7	5.1
118	–	2.4	–	3.3	–	4.2	–	4.8
124	–	–	–	2.3	–	3.0	–	3.8
131	–	–	–	–	–	–	–	2.4

Working range luffing fly jib, main boom 70°



Lifting capacities luffing fly jib, main boom 70°, in 1,000 lb

59,500 lb — 360° — 75%

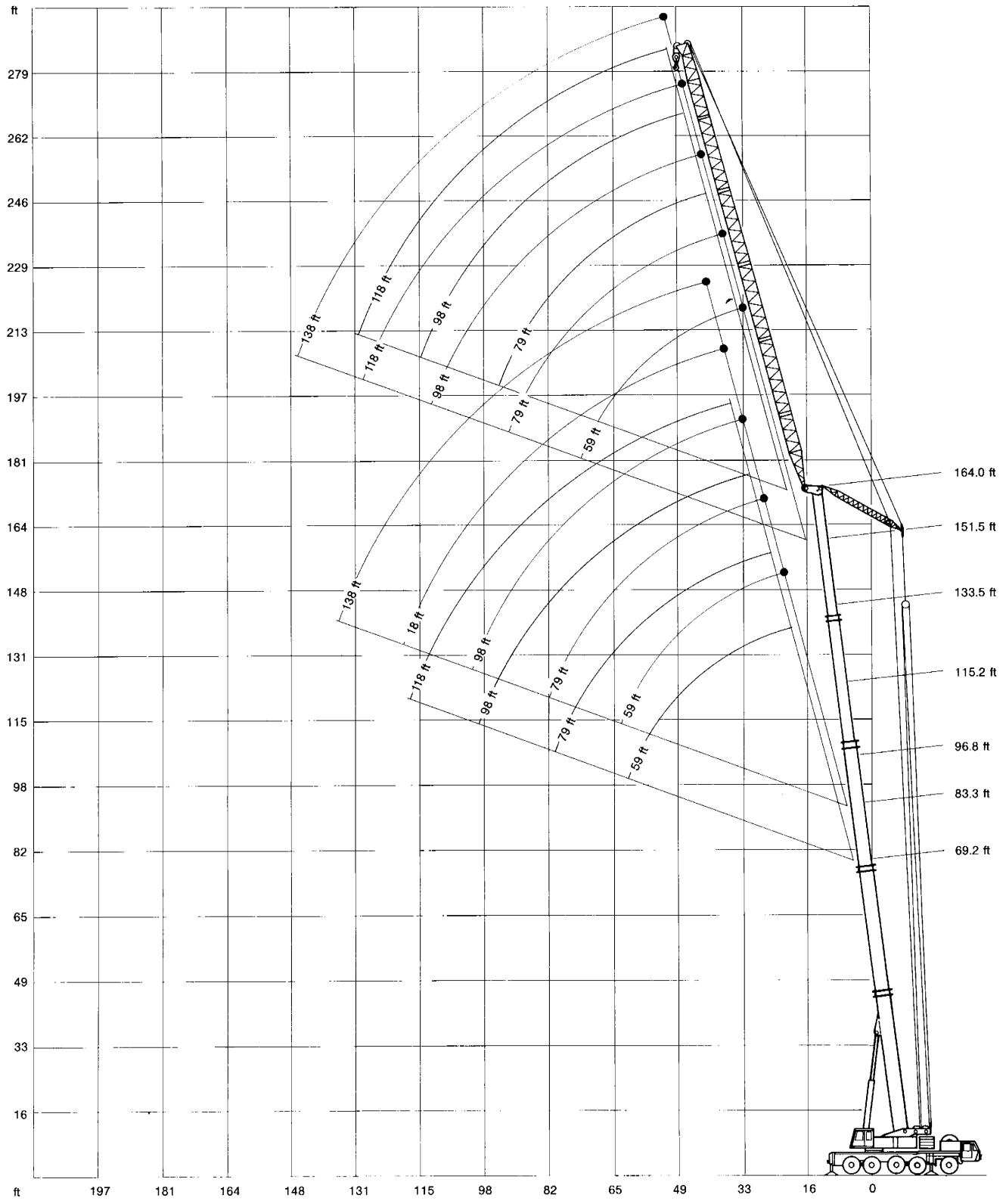
Boom	Radius	Luffing fly jib 59.0 ft	79.0 ft	98.0 ft	118.0 ft	138.0 ft
	ft			1,000 lb		
69.2 ft*	52	46.5	–	–	–	–
	59	39.5	–	–	–	–
	65	35.0	34.5	–	–	–
	72	30.7	30.3	26.0	–	–
	79	–	27.0	24.1	–	–
	85	–	24.5	22.1	17.0	–
	92	–	22.2	20.2	15.8	–
	98	–	–	19.2	14.8	–
	105	–	–	18.2	13.6	–
	111	–	–	17.0	12.6	–
	118	–	–	–	12.3	–
	124	–	–	–	12.1	–
83.3 ft*	59	38.1	–	–	–	–
	65	33.7	33.2	–	–	–
	72	29.6	29.2	–	–	–
	79	26.3	25.9	23.0	–	–
	85	–	23.4	21.4	17.0	–
	92	–	21.3	19.8	15.8	–
	98	–	19.7	18.3	14.8	10.4
	105	–	–	17.4	13.6	9.6
	111	–	–	16.2	12.6	9.0
	118	–	–	–	12.3	8.3
	124	–	–	–	12.1	7.7
	131	–	–	–	11.7	7.0
	138	–	–	–	–	6.8
	144	–	–	–	–	6.4
	151	–	–	–	–	6.1
96.8 ft*	65	31.8	–	–	–	–
	72	27.8	27.4	–	–	–
	79	24.8	24.3	–	–	–
	85	–	22.1	19.9	–	–
	92	–	20.0	18.4	14.0	–
	98	–	18.4	17.2	13.2	–
	105	–	–	16.3	12.7	9.4
	111	–	–	15.1	12.1	8.6
	118	–	–	13.9	11.6	8.1
	124	–	–	–	11.2	7.5
	131	–	–	–	10.8	6.8
	138	–	–	–	10.3	6.3
	144	–	–	–	–	5.9
	151	–	–	–	–	5.7
	157	–	–	–	–	5.5

*Tele 1 verbolzt · pinned · verrouillé

59,500 lb — 360° — 75%

Boom	Radius	Luffing fly jib 59.0 ft	79.0 ft	98.0 ft	118.0 ft	138.0 ft
	ft			1,000 lb		
115.2 ft	72	28.3	–	–	–	–
	79	25.0	–	–	–	–
	85	22.8	22.3	–	–	–
	92	–	20.2	15.8	–	–
	98	–	18.6	15.0	11.9	–
	105	–	16.9	14.7	11.2	–
	111	–	–	14.3	10.8	7.7
	118	–	–	13.8	10.1	7.2
	124	–	–	13.2	9.7	6.8
	131	–	–	–	9.2	6.1
	138	–	–	–	9.0	5.5
	144	–	–	–	8.6	5.3
	151	–	–	–	–	5.0
	157	–	–	–	–	4.8
	164	–	–	–	–	4.6
133.5 ft	79	22.0	–	–	–	–
	85	21.2	16.7	–	–	–
	92	19.3	16.0	–	–	–
	98	–	15.8	12.8	–	–
	105	–	15.6	12.5	9.0	–
	111	–	14.8	12.3	8.8	–
	118	–	–	12.1	8.6	5.0
	124	–	–	11.9	8.4	5.0
	131	–	–	11.4	7.9	4.8
	138	–	–	–	7.4	4.8
	144	–	–	–	7.2	4.6
	151	–	–	–	7.0	4.6
	157	–	–	–	–	4.4
	164	–	–	–	–	4.1
	170	–	–	–	–	4.1
151.5 ft	85	13.2	–	–	–	–
	92	13.2	–	–	–	–
	98	13.2	12.7	–	–	–
	105	–	12.7	9.7	–	–
	111	–	12.7	9.7	4.8	–
	118	–	12.5	9.4	4.8	–
	124	–	–	9.4	4.8	2.2
	131	–	–	9.2	4.8	2.2
	138	–	–	9.0	4.8	2.2
	144	–	–	–	4.8	2.2
	151	–	–	–	4.8	2.2
	157	–	–	–	4.8	2.2
	164	–	–	–	–	2.2
	170	–	–	–	–	2.2
	177	–	–	–	–	2.2
164.0 ft	98	–	9.2	–	–	–
	105	–	8.8	5.7	–	–
	111	–	8.6	5.7	–	–
	118	–	8.3	5.7	2.2	–
	124	–	8.3	5.7	2.2	–
	131	–	–	5.7	2.2	–
	138	–	–	5.7	2.2	–
	144	–	–	5.7	2.2	–
	151	–	–	–	2.2	–
	157	–	–	–	2.2	–

Working range luffing fly jib, main boom 83°



Lifting capacities luffing fly jib, main boom 83°, in 1,000 lb

59,500 lb — 360° — 75 %

Boom	Radius	Luffing fly jib 59.0 ft	79.0 ft	98.0 ft	118.0 ft	138.0 ft
	ft			1,000 lb		
69.2 ft*	26	68.0	–	–	–	–
	29	67.0	–	–	–	–
	33	65.5	52.7	–	–	–
	39	54.0	48.7	37.6	–	–
	46	44.0	45.1	35.2	24.9	–
	52	37.5	40.7	33.2	23.8	–
	59	27.8	34.8	30.4	22.4	–
	65	–	30.6	28.6	21.0	–
	72	–	25.7	26.0	19.6	–
	79	–	–	24.1	18.2	–
	85	–	–	22.1	17.2	–
	92	–	–	17.5	16.0	–
	98	–	–	–	15.0	–
	105	–	–	–	13.8	–
	111	–	–	–	12.6	–
83.3 ft*	26	59.5	–	–	–	–
	29	59.5	–	–	–	–
	33	59.4	42.9	–	–	–
	39	56.4	41.9	32.0	–	–
	46	47.9	39.6	30.4	23.1	–
	52	40.5	38.0	29.2	22.1	13.2
	59	32.9	35.9	27.5	21.1	13.0
	65	–	32.5	26.1	20.3	12.6
	72	–	28.3	24.7	19.2	12.3
	79	–	21.3	23.0	18.0	11.8
	85	–	–	21.4	17.0	11.4
	92	–	–	19.0	15.8	10.7
	98	–	–	14.8	14.8	10.3
	105	–	–	–	13.6	9.6
	111	–	–	–	12.6	9.0
	118	–	–	–	–	8.3
	124	–	–	–	–	7.7
	131	–	–	–	–	7.0
96.8 ft*	29	50.7	–	–	–	–
	33	50.7	–	–	–	–
	39	50.7	35.3	–	–	–
	46	48.8	34.1	26.4	–	–
	52	42.2	33.1	25.8	19.8	–
	59	35.1	31.5	24.9	19.6	11.0
	65	–	30.5	23.5	19.0	11.0
	72	–	29.1	22.0	18.1	11.0
	79	–	23.3	20.9	17.1	11.0
	85	–	–	19.8	16.3	11.0
	92	–	–	18.4	14.9	10.5
	98	–	–	16.8	14.3	10.1
	105	–	–	–	13.2	9.4
	111	–	–	–	12.4	8.6
	118	–	–	–	11.4	8.1
	124	–	–	–	–	7.5
	131	–	–	–	–	6.8

* Tele 1 verbolzt · pinned · verrouillé

59,500 lb — 360° — 75 %

Boom	Radius	Luffing fly jib 59.0 ft	79.0 ft	98.0 ft	118.0 ft	138.0 ft
	ft			1,000 lb		
115.2 ft	33	37.4	–	–	–	–
	39	36.6	27.6	–	–	–
	46	35.0	26.6	20.4	–	–
	52	30.9	26.0	19.8	16.1	–
	59	25.8	25.3	19.1	15.2	8.3
	65	20.4	24.7	18.5	14.6	8.3
	72	–	21.6	17.8	14.1	8.3
	79	–	18.1	17.1	13.4	8.3
	85	–	–	16.5	12.8	8.3
	92	–	–	15.8	12.3	8.3
	98	–	–	13.4	11.9	8.3
	105	–	–	–	11.2	8.3
	111	–	–	–	10.8	7.7
	118	–	–	–	9.7	7.2
	124	–	–	–	–	6.8
	131	–	–	–	–	6.1
	138	–	–	–	–	5.4
133.5 ft	39	27.1	20.7	–	–	–
	46	25.7	20.0	16.0	–	–
	52	24.9	19.4	15.6	11.4	–
	59	24.0	18.7	14.9	11.0	5.5
	65	22.4	18.1	14.5	10.8	5.5
	72	–	17.6	14.1	10.3	5.5
	79	–	17.1	13.8	10.1	5.5
	85	–	15.9	13.4	9.9	5.5
	92	–	–	13.0	9.6	5.5
	98	–	–	12.8	9.4	5.5
	105	–	–	11.4	9.0	5.5
	111	–	–	–	8.8	5.5
	118	–	–	–	8.6	5.5
	124	–	–	–	–	5.5
	131	–	–	–	–	5.5
	138	–	–	–	–	5.5
151.5 ft	39	22.1	–	–	–	–
	46	20.9	15.8	–	–	–
	52	19.9	15.4	11.0	–	–
	59	19.1	15.2	11.0	5.5	–
	65	18.3	15.0	11.0	5.5	2.2
	72	–	14.5	11.0	5.5	2.2
	79	–	14.3	10.7	5.5	2.2
	85	–	14.1	10.5	5.5	2.2
	92	–	–	10.3	5.5	2.2
	98	–	–	9.9	5.5	2.2
	105	–	–	9.6	5.5	2.2
	111	–	–	–	5.5	2.2
	118	–	–	–	5.5	2.2
	124	–	–	–	5.5	2.2
	131	–	–	–	–	2.2
	138	–	–	–	–	2.2
164.0 ft	39	–	–	–	–	–
	46	–	11.2	–	–	–
	52	–	11.2	7.7	–	–
	59	–	11.2	7.7	2.2	–
	65	–	11.2	7.7	2.2	–
	72	–	11.2	7.7	2.2	–
	79	–	11.2	7.7	2.2	–
	85	–	10.8	7.7	2.2	–
	92	–	–	7.7	2.2	–
	98	–	–	7.7	2.2	–
	105	–	–	7.7	2.2	–
	111	–	–	–	2.2	–
	118	–	–	–	2.2	–
	124	–	–	–	2.2	–

Notes

Carrier

Demag truck-type carrier	10 x 8 x 8 drive/steering.
Frame	Monobox main frame with outrigger boxes integral, of high yield strength fine-grained structural steel.
Outriggers	4-point outrigger system, hydraulic horizontal extension and vertical jacking cylinders.
Engine	Daimler-Benz OM 442 LA water-cooled 8-cylinder diesel engine with turbocharger and intercooler. Output to DIN 70020: 329 kW (447 HP) at 2100 rpm. Max. torque: 1765 Nm at 1100-1600 rpm. Fuel tank capacity: 500 l.
Transmission	ZF-Transmatik, 16 speeds forward, 2 reverse, incl. off-road range.
Axles	Axles 1, 2, 4 and 5 planetary axles, steering; axle 3: rigid, non-driving; axles 1, 2, 4 and 5 with differential lock-out control.
Suspension	All axles hydro-pneumatically suspended and hydraulically blockable.
Wheels and tyres	10 disk-type wheels 11.25-25 fitted with 16.00 R 25 tyres, on-road tread, all axles single-wheeled.
Steering	ZF dual-circuit semiblock mechanical steering with hydraulic booster.
Independent rear axle steering (crab steering)	Steering of 4th and 5th axles independent of 1st and 2nd axles. 3rd axle can be raised hydraulically.
Brakes	Service brake: dual line air-operated braking system, acting on all wheels; parking brake: spring-loaded type; sustained-action brake: hydraulic retarder, integral with transmission.
Electrical equipment	24-volt d.c. system.
Cab	Rubber-mounted three-man steel cab.

Superstructure

Engine	Daimler-Benz OM 366 A water-cooled 6-cylinder in-line diesel engine. Output to DIN 70020: 121 kW (165 HP) at 2300 rpm. Max. torque 560 Nm at 1400 rpm. Fuel tank capacity: 280 l.
Hydraulic system	Two variable-displacement axial piston pumps with automatic power control and one fixed-displacement pump, which permit three hydraulic working circuits and three simultaneous crane motions; one fixed-displacement pump for low-pressure servo control.
Hoist	Fixed-displacement axial-piston motor; hoist drum with planetary reduction integral and spring-loaded holding brake.
Slew unit	Axial-piston motor with planetary reduction; foot-pedal operated brake and spring-loaded holding brake.
Boom elevation	Differential cylinder with pilot-controlled lowering brake valve.
Crane cab	Spacious all-steel comfortable cab with sliding door, large folding-out windscreen, and armoured glass roof window, controls and instrumentation for all crane movements, working light. Water-type heater, operation self-contained or engine-dependent, with engine preheating and 7-day programmable timer, thermostat-controlled. Windscreen washer and intermittent-control wiper.
Main boom	Boom base and 4 boom sections, of fine-grained structural steel, telescoping under partial load, torsion-resistant Demag ovaloid cross-section.
Counterweight	59,000 lb.
Safety devices	Electronic safe load indicator, pressure relief and safety holding valves.
Hydraulic servo control	By self-centering control levers.

Optional Equipment

10 x 6 x 8 drive/steering	Axle 1: non driven.
Hoist II	Fixed-displacement axial-piston motor; hoist drum with planetary reduction integral and spring-loaded holding brake.
Additional counterweight	38,000 lb additional counterweight, comprising of 2 x 18,700 lb, overall width when mounted: 16'5". Mounts without auxiliary crane.
Main boom extension	Side-folding, 2-part, extendable from 33 - 56.5 ft; 0°, 20° and 40° offset.
Hydraulic fly jib	Basic length 31 ft, hydraulically extendable to 54 ft or 77 ft Hydraulic angle variation 2.5°-50°. Stows alongside boom base for transportation.
Fixed fly jib	Fixed lattice fly jib 39 ft, 59 ft, 79 ft and 98 ft long, using components of the luffing fly jib. 3° and 20°offset.
Luffing fly jib	59-138 ft long with luffing mast, suspension ropes, electrical equipment, and safety devices; (2nd hoist drum is required when using the luffing fly jib).
Heavy-lift attachment	Necessary for loads over 220,000 lb.

Subject to change without notice. Machine Operation is subject to computer charts only.

02/93

Mannesmann Demag Corporation
Construction Machinery Division
476 Country Club Drive
Bensenville, IL 60106
Phone: (708) 766-4431 · Telex: 241-909
Telefax: (708) 766-7549

mannesmann technology