

Outrigger base 28.7 x 29.2 ft

352 700 lbs (160 t) counterweight

Length of boom extension 39.4 ft

Offset of boom extension 3 °

Reference chart 85% (lbs / ft)

3 083 590

Length of boom extension 39.4 ft

Offset of boom extension 3 °

outrigger base 28.7 x 29.2 ft

352 700 lbs (160 t) counterweight

	Main boom - fixed length in ft		
	147.6	163.4	179.2
Tel. sec. I	0.88	0.88	0.88
Tel. sec. II	0.88	0.88	0.88
Tel. sec. III	0.88	0.88	0.88
Tel. sec. IV	0.00	0.44	0.88
Radius in feet	Lifting capacities in 1000 lbs		
40.0	120.0	114.0	
45.0	112.0	107.0	100.0
50.0	106.0	100.0	94.0
55.0	99.0	95.0	88.0
60.0	94.0	90.0	83.0
65.0	89.0	85.0	79.0
70.0	84.0	81.0	74.0
75.0	80.0	77.0	71.0
80.0	76.0	73.0	68.0
85.0	73.0	69.0	65.0
90.0	70.0	67.0	62.0
95.0	67.0	64.0	59.0
100.0	64.0	62.0	56.0
105.0	62.0	59.0	54.0
110.0	60.0	57.0	52.0
115.0	57.0	55.0	49.0
120.0	55.0	53.0	47.0
125.0	53.0	51.0	46.0
130.0	51.0	49.0	44.0
135.0	50.0	47.0	43.0
140.0	48.0	46.0	41.6
145.0	45.0	45.0	40.2
150.0	42.2	43.4	38.8
155.0	39.4	40.8	37.8
160.0	36.8	38.2	36.8
165.0	34.2	35.6	35.8

Reference chart 85% (lbs / ft)

3 083 590

Length of boom extension 39.4 ft

Offset of boom extension 3 °

outrigger base 28.7 x 29.2 ft

352 700 lbs (160 t) counterweight

	Main boom - fixed length in ft		
	147.6	163.4	179.2
Tel. sec. I	0.88	0.88	0.88
Tel. sec. II	0.88	0.88	0.88
Tel. sec. III	0.88	0.88	0.88
Tel. sec. IV	0.00	0.44	0.88
Radius in feet	Lifting capacities in 1000 lbs		
170.0	30.0	33.4	34.4
175.0		31.2	32.2
180.0		29.2	30.2
185.0			28.2
190.0			26.4
195.0			24.6

Main boom: 147.6 ft with 39.4 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.00

Counterweight: 352 700 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
40	120.0 0.0	169.4 58.9	169.4 58.9	181.4 231.9	181.4 231.9	170.7 135.5	168.9 32.1	182.1 273.6	179.8 140.4	172.2 217.1	169.6 70.8	181.5 241.0	178.2 52.7	172.9 255.7	171.0 152.3	180.0 153.4	177.6 20.1	172.4 228.9	172.4 228.9	178.4 61.9	178.4 61.9
45	112.0 0.0	175.7 62.9	175.7 62.9	171.0 227.9	171.0 227.9	169.7 135.9	177.9 37.3	167.7 267.6	178.2 140.7	163.4 213.6	174.8 74.2	170.3 236.6	185.0 57.1	160.3 250.5	168.4 151.9	177.2 153.0	187.6 26.1	162.4 224.9	162.4 224.9	184.3 65.8	184.3 65.8
50	106.0 0.0	182.9 66.9	182.9 66.9	160.8 223.9	160.8 223.9	169.2 136.3	187.7 42.5	153.4 261.7	177.2 141.0	154.7 210.2	180.8 77.6	159.2 232.2	192.8 61.5	147.8 245.3	166.2 151.5	174.8 152.7	198.6 32.0	152.6 220.9	152.6 220.9	191.2 69.8	191.2 69.8
55	99.0 0.0	187.8 70.8	187.8 70.8	152.4 219.9	152.4 219.9	168.3 136.7	194.7 47.8	141.8 255.8	175.7 141.3	147.5 206.8	184.8 81.0	150.1 227.8	198.1 65.9	137.7 240.0	164.0 151.1	172.4 152.4	206.4 37.9	144.5 217.0	144.5 217.0	195.7 73.8	195.7 73.8
60	94.0 0.0	194.1 74.8	194.1 74.8	143.7 215.9	143.7 215.9	167.9 137.1	203.2 53.0	129.4 249.8	174.9 141.6	140.0 203.3	190.0 84.4	140.5 223.4	204.9 70.3	126.8 234.8	162.2 150.7	170.5 152.1	216.0 43.9	136.0 213.0	136.0 213.0	201.7 77.7	201.7 77.7
65	89.0 0.0	199.4 78.8	199.4 78.8	135.8 211.9	135.8 211.9	167.4 137.5	210.6 58.2	118.3 243.9	174.0 141.9	133.3 199.9	194.5 87.9	131.9 219.0	210.7 74.7	117.2 229.5	160.4 150.3	168.6 151.8	224.3 49.8	128.4 209.0	128.4 209.0	206.8 81.7	206.8 81.7
70	84.0 0.0	203.9 82.7	203.9 82.7	128.8 208.0	128.8 208.0	166.8 137.8	216.9 63.5	108.6 238.0	173.1 142.2	127.4 196.5	198.2 91.3	124.3 214.6	215.5 79.1	108.6 224.3	158.7 149.9	166.8 151.5	231.3 55.7	121.6 205.0	121.6 205.0	211.1 85.7	211.1 85.7
80	76.0 0.0	213.5 90.7	213.5 90.7	115.1 200.0	115.1 200.0	166.1 138.6	230.1 73.9	89.3 226.1	171.7 142.7	115.7 189.6	206.2 98.1	109.5 205.7	226.0 87.9	91.8 213.8	155.8 149.1	163.7 150.9	246.1 67.5	108.4 197.1	108.4 197.1	220.3 93.6	220.3 93.6
90	70.0 0.0	223.9 98.6	223.9 98.6	101.7 192.1	101.7 192.1	165.9 139.4	244.2 84.3	70.1 214.3	171.0 143.3	104.2 182.8	215.0 104.9	94.8 196.9	237.3 96.6	75.0 203.4	153.2 148.3	161.1 150.2	262.0 79.3	95.3 189.1	95.3 189.1	230.4 101.5	230.4 101.5

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450

Outrigger Load Chart

Ref.-Nr. 3 083 590

Main boom: 147.6 ft with 39.4 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.00

Counterweight: 352 700 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
100	64.0	232.2	232.2	90.4	90.4	165.5	255.6	54.1	170.0	94.6	221.9	82.4	246.4	60.9	150.9	158.7	274.7	84.2	84.2	238.4	238.4
	0.0	106.5	106.5	184.1	184.1	140.2	94.7	202.4	143.9	176.0	111.7	188.2	105.4	193.0	147.5	149.6	91.1	181.2	181.2	109.4	109.4
110	60.0	242.7	242.7	77.9	77.9	165.7	269.6	36.0	169.8	83.9	230.8	68.7	257.9	45.0	148.9	156.7	290.5	71.9	71.9	248.6	248.6
	0.0	114.4	114.4	176.2	176.2	140.9	105.1	190.6	144.5	169.2	118.5	179.4	114.1	182.6	146.7	149.0	102.8	173.3	173.3	117.3	117.3
120	55.0	249.4	249.4	68.6	68.6	165.4	278.8	22.9	169.0	75.9	236.4	58.5	265.2	33.5	147.0	154.7	300.8	62.9	62.9	255.1	255.1
	0.0	122.2	122.2	168.3	168.3	141.7	115.4	178.9	145.1	162.4	125.2	170.6	122.8	172.2	145.9	148.4	114.6	165.4	165.4	125.1	125.1
130	51.0	256.8	256.8	59.1	59.1	165.3	288.9	9.3	168.5	67.8	242.7	48.1	273.3	21.6	145.2	153.0	312.2	53.6	53.6	262.3	262.3
	0.0	130.0	130.0	160.4	160.4	142.4	125.7	167.2	145.6	155.6	131.9	161.9	131.5	161.8	145.1	147.7	126.2	157.5	157.5	132.9	132.9
140	48.0	265.5	265.5	48.9	48.9	159.9	306.1	0.0	162.8	59.1	250.0	36.9	282.8	8.6	143.6	151.4	325.3	43.6	43.6	270.8	270.8
	0.0	137.8	137.8	152.6	152.6	143.2	135.9	155.5	146.2	148.9	138.6	153.2	140.1	151.6	144.3	147.1	137.8	149.7	149.7	140.7	140.7
150	42.2	265.1	265.1	46.3	46.3	155.6	309.1	0.0	158.1	56.9	249.5	34.2	282.2	5.9	142.2	149.7	325.1	41.3	41.3	270.1	270.1
	0.0	145.5	145.5	144.8	144.8	143.9	146.1	143.9	146.7	142.2	145.3	144.6	148.6	141.3	143.5	146.5	149.3	141.9	141.9	148.4	148.4
160	36.8	263.9	263.9	44.8	44.8	152.8	309.3	0.0	155.1	55.6	248.2	32.7	280.7	4.7	140.9	148.1	323.5	40.0	40.0	268.6	268.6
	0.0	153.1	153.1	137.1	137.1	144.6	156.1	132.4	147.3	135.5	151.8	136.0	157.1	131.2	142.7	145.8	160.7	134.2	134.2	156.0	156.0
170	30.0	256.1	256.1	49.0	49.0	157.8	292.5	0.0	159.9	59.3	241.4	37.5	272.0	11.2	139.9	146.7	312.4	44.6	44.6	260.5	260.5
	0.0	160.7	160.7	129.4	129.4	145.3	166.0	121.1	147.8	128.9	158.3	127.6	165.4	121.2	141.9	145.2	171.9	126.5	126.5	163.5	163.5

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 163.4 ft with 39.4 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 352 700 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
40	114.0	162.8	162.8	185.0	185.0	168.9	160.6	188.3	177.7	175.4	163.7	185.7	170.7	178.5	170.2	178.7	168.1	176.3	176.3	171.5	171.5
	0.0	57.8	57.8	233.0	233.0	135.4	30.6	275.2	140.3	218.0	69.8	242.3	51.5	257.2	152.4	153.4	18.5	230.0	230.0	60.8	60.8
45	107.0	169.5	169.5	174.8	174.8	168.1	170.0	174.1	176.4	166.7	169.3	174.6	178.0	166.0	167.8	176.2	178.5	166.5	166.5	177.8	177.8
	0.0	61.7	61.7	229.1	229.1	135.8	35.7	269.5	140.6	214.7	73.1	238.0	55.7	252.1	152.0	153.1	24.2	226.2	226.2	64.6	64.6
50	100.0	175.0	175.0	165.8	165.8	167.2	177.7	161.6	175.0	159.0	173.8	164.9	183.9	155.1	165.6	173.7	187.1	157.8	157.8	182.9	182.9
	0.0	65.5	65.5	225.3	225.3	136.2	40.8	263.7	140.9	211.4	76.4	233.7	60.0	247.1	151.6	152.8	30.0	222.3	222.3	68.4	68.4
55	95.0	181.6	181.6	156.7	156.7	166.9	186.8	148.6	174.2	151.2	179.3	154.9	191.1	143.8	163.7	171.7	197.3	148.9	148.9	189.3	189.3
	0.0	69.3	69.3	221.4	221.4	136.5	45.8	258.0	141.2	208.1	79.7	229.5	64.2	242.0	151.3	152.6	35.7	218.5	218.5	72.3	72.3
60	90.0	187.4	187.4	148.4	148.4	166.4	194.7	137.0	173.4	144.2	184.1	145.9	197.3	133.6	161.9	169.8	206.2	140.9	140.9	194.8	194.8
	0.0	73.2	73.2	217.6	217.6	136.9	50.9	252.3	141.4	204.8	83.0	225.2	68.5	236.9	150.9	152.3	41.4	214.6	214.6	76.1	76.1
65	85.0	192.3	192.3	141.0	141.0	165.9	201.5	126.6	172.5	137.9	188.2	137.8	202.6	124.5	160.1	168.0	213.8	133.8	133.8	199.5	199.5
	0.0	77.0	77.0	213.7	213.7	137.3	55.9	246.5	141.7	201.4	86.4	220.9	72.7	231.9	150.5	152.0	47.2	210.8	210.8	80.0	80.0
70	81.0	197.7	197.7	133.5	133.5	165.6	209.0	116.0	171.8	131.5	192.8	129.7	208.6	115.3	158.6	166.4	222.2	126.5	126.5	204.7	204.7
	0.0	80.9	80.9	209.9	209.9	137.7	61.0	240.8	142.0	198.1	89.7	216.7	77.0	226.8	150.1	151.7	52.9	206.9	206.9	83.8	83.8
80	73.0	206.6	206.6	120.7	120.7	164.9	221.1	98.0	170.4	120.5	200.1	115.7	218.2	99.5	155.7	163.4	235.9	114.1	114.1	213.2	213.2
	0.0	88.5	88.5	202.2	202.2	138.4	71.1	229.3	142.6	191.5	96.3	208.2	85.5	216.7	149.3	151.1	64.3	199.2	199.2	91.5	91.5
90	67.0	216.2	216.2	108.0	108.0	164.6	234.2	79.9	169.6	109.7	208.2	101.8	228.7	83.6	153.3	160.9	250.6	101.7	101.7	222.5	222.5
	0.0	96.2	96.2	194.5	194.5	139.2	81.2	217.9	143.2	184.9	102.9	199.6	94.0	206.6	148.6	150.5	75.8	191.5	191.5	99.1	99.1

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450

Outrigger Load Chart

Ref.-Nr. 3 083 590

Main boom: 163.4 ft with 39.4 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 352 700 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
100	62.0	225.7	225.7	96.0	96.0	164.5	247.1	62.7	169.0	99.4	216.2	88.7	239.0	68.5	151.1	158.7	265.0	90.0	90.0	231.7	231.7
	0.0	103.9	103.9	186.8	186.8	139.9	91.2	206.4	143.7	178.3	109.4	191.1	102.5	196.5	147.8	149.9	87.2	183.9	183.9	106.8	106.8
110	57.0	233.4	233.4	85.7	85.7	164.2	257.6	48.1	168.3	90.6	222.7	77.4	247.5	55.7	149.1	156.6	276.8	79.9	79.9	239.2	239.2
	0.0	111.5	111.5	179.1	179.1	140.7	101.3	195.0	144.3	171.7	116.0	182.6	110.9	186.4	147.0	149.3	98.5	176.2	176.2	114.4	114.4
120	53.0	241.7	241.7	75.4	75.4	164.2	268.8	33.3	167.9	81.8	229.7	66.1	256.6	42.7	147.3	154.8	289.4	69.8	69.8	247.3	247.3
	0.0	119.1	119.1	171.5	171.5	141.4	111.3	183.6	144.9	165.1	122.6	174.2	119.4	176.4	146.3	148.7	109.9	168.6	168.6	122.0	122.0
130	49.0	248.5	248.5	66.5	66.5	164.1	278.1	20.5	167.4	74.2	235.5	56.4	264.1	31.6	145.6	153.1	299.9	61.1	61.1	253.9	253.9
	0.0	126.7	126.7	163.9	163.9	142.1	121.3	172.3	145.4	158.5	129.1	165.7	127.8	166.3	145.5	148.0	121.2	160.9	160.9	129.6	129.6
140	46.0	256.6	256.6	56.9	56.9	164.3	289.0	6.6	167.2	65.9	242.3	45.8	273.0	19.3	144.0	151.5	312.2	51.6	51.6	261.9	261.9
	0.0	134.3	134.3	156.2	156.2	142.9	131.3	160.9	146.0	152.0	135.6	157.3	136.2	156.3	144.7	147.4	132.5	153.3	153.3	137.2	137.2
150	43.4	264.8	264.8	47.3	47.3	157.3	307.2	0.0	159.9	57.8	249.3	35.3	281.9	7.1	142.6	150.1	324.5	42.2	42.2	269.9	269.9
	0.0	141.8	141.8	148.7	148.7	143.6	141.2	149.6	146.5	145.5	142.1	148.9	144.5	146.4	144.0	146.8	143.7	145.7	145.7	144.7	144.7
160	38.2	264.2	264.2	45.3	45.3	153.8	309.1	0.0	156.1	56.1	248.6	33.2	281.1	5.2	141.3	148.6	323.9	40.5	40.5	269.0	269.0
	0.0	149.3	149.3	141.1	141.1	144.3	151.0	138.4	147.1	139.0	148.5	140.5	152.8	136.5	143.2	146.2	154.9	138.2	138.2	152.2	152.2
170	33.4	263.0	263.0	44.0	44.0	151.4	309.1	0.0	153.5	55.0	247.4	31.9	279.7	4.2	140.2	147.3	322.4	39.4	39.4	267.6	267.6
	0.0	156.7	156.7	133.6	133.6	145.0	160.8	127.2	147.6	132.5	154.9	132.2	161.0	126.6	142.4	145.6	166.0	130.7	130.7	159.6	159.6
180	29.2	262.1	262.1	42.8	42.8	149.2	309.4	0.0	151.0	54.0	246.5	30.7	278.5	3.1	139.2	146.0	321.3	38.4	38.4	266.4	266.4
	0.0	164.0	164.0	126.2	126.2	145.7	170.5	116.2	148.1	126.1	161.2	124.0	169.1	116.9	141.7	145.0	176.9	123.3	123.3	166.9	166.9

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 179.2 ft with 39.4 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 352 700 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
45	100.0	161.7	161.7	179.2	179.2	166.0	160.2	181.6	174.1	170.6	162.4	179.8	169.2	172.8	167.0	174.8	167.4	171.3	171.3	169.7	169.7
	0.0	60.9	60.9	230.0	230.0	135.8	34.7	270.8	140.6	215.5	72.5	239.0	54.9	253.3	152.2	153.3	23.2	227.1	227.1	63.9	63.9
50	94.0	167.6	167.6	170.4	170.4	165.4	168.4	169.1	173.0	163.0	167.3	170.1	175.6	161.9	164.9	172.6	176.5	162.7	162.7	175.3	175.3
	0.0	64.7	64.7	226.3	226.3	136.2	39.7	265.2	140.9	212.2	75.8	234.8	59.1	248.3	151.8	153.0	28.8	223.3	223.3	67.7	67.7
55	88.0	172.4	172.4	162.5	162.5	164.6	175.2	158.3	171.8	156.3	171.2	161.6	180.8	152.4	162.9	170.5	184.1	155.1	155.1	179.8	179.8
	0.0	68.5	68.5	222.5	222.5	136.5	44.6	259.6	141.2	209.0	79.0	230.7	63.3	243.4	151.4	152.7	34.4	219.5	219.5	71.4	71.4
60	83.0	177.5	177.5	154.9	154.9	164.1	182.2	147.6	170.9	149.9	175.4	153.3	186.3	143.1	161.2	168.7	191.9	147.8	147.8	184.6	184.6
	0.0	72.2	72.2	218.7	218.7	136.9	49.6	254.0	141.5	205.8	82.2	226.5	67.4	238.4	151.1	152.4	40.0	215.8	215.8	75.2	75.2
65	79.0	183.1	183.1	147.4	147.4	163.9	189.8	136.9	170.3	143.4	180.1	145.1	192.3	133.7	159.6	167.1	200.5	140.4	140.4	190.0	190.0
	0.0	76.0	76.0	215.0	215.0	137.3	54.5	248.3	141.8	202.5	85.5	222.3	71.6	233.5	150.7	152.1	45.6	212.0	212.0	78.9	78.9
70	74.0	186.5	186.5	141.5	141.5	163.2	194.6	128.8	169.3	138.4	182.9	138.7	196.0	126.6	158.1	165.3	205.8	134.8	134.8	193.2	193.2
	0.0	79.7	79.7	211.2	211.2	137.6	59.4	242.7	142.0	199.3	88.7	218.2	75.7	228.5	150.3	151.9	51.2	208.2	208.2	82.7	82.7
80	68.0	197.2	197.2	127.8	127.8	163.0	209.1	109.2	168.5	126.7	191.9	123.7	207.6	109.4	155.5	162.7	222.1	121.4	121.4	203.5	203.5
	0.0	87.2	87.2	203.7	203.7	138.4	69.3	231.5	142.6	192.8	95.1	209.8	84.0	218.6	149.6	151.3	62.3	200.7	200.7	90.2	90.2
90	62.0	205.7	205.7	116.2	116.2	162.6	220.8	92.7	167.6	116.8	199.1	111.0	217.0	95.0	153.2	160.3	235.3	110.1	110.1	211.8	211.8
	0.0	94.7	94.7	196.2	196.2	139.1	79.2	220.3	143.2	186.3	101.6	201.5	92.3	208.8	148.8	150.7	73.5	193.2	193.2	97.7	97.7
100	56.0	212.2	212.2	106.7	106.7	162.0	229.8	79.4	166.6	108.7	204.4	100.6	224.0	83.3	151.1	158.1	245.3	100.9	100.9	218.0	218.0
	0.0	102.2	102.2	188.7	188.7	139.8	89.0	209.2	143.7	179.9	108.0	193.2	100.6	198.9	148.1	150.1	84.6	185.7	185.7	105.1	105.1

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 179.2 ft with 39.4 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 352 700 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
110	52.0	220.8	220.8	96.0	96.0	162.1	241.4	64.0	166.2	99.5	211.7	88.9	233.5	69.8	149.2	156.2	258.4	90.4	90.4	226.4	226.4
	0.0	109.6	109.6	181.2	181.2	140.6	98.8	198.0	144.3	173.5	114.4	184.9	108.9	189.1	147.3	149.5	95.8	178.2	178.2	112.6	112.6
120	47.0	225.8	225.8	88.5	88.5	161.5	248.3	53.6	165.3	93.2	215.8	80.8	238.8	60.7	147.5	154.4	266.1	83.2	83.2	231.1	231.1
	0.0	117.1	117.1	173.7	173.7	141.3	108.6	186.9	144.8	167.0	120.8	176.6	117.1	179.2	146.6	148.9	106.9	170.8	170.8	120.0	120.0
130	44.0	233.9	233.9	78.9	78.9	161.7	259.2	39.6	165.1	84.9	222.7	70.2	247.7	48.4	145.9	152.8	278.4	73.7	73.7	239.1	239.1
	0.0	124.5	124.5	166.3	166.3	142.0	118.4	175.8	145.4	160.6	127.2	168.4	125.3	169.4	145.8	148.3	117.9	163.3	163.3	127.4	127.4
140	41.6	242.6	242.6	69.0	69.0	162.1	270.8	25.1	165.1	76.4	230.1	59.3	257.3	35.7	144.4	151.5	291.4	63.9	63.9	247.6	247.6
	0.0	131.9	131.9	158.8	158.8	142.7	128.1	164.7	145.9	154.2	133.6	160.1	133.5	159.7	145.1	147.8	128.9	155.9	155.9	134.8	134.8
150	38.8	249.2	249.2	60.9	60.9	162.1	279.7	13.5	164.9	69.5	235.7	50.4	264.6	25.5	143.1	150.1	301.5	56.0	56.0	254.1	254.1
	0.0	139.2	139.2	151.4	151.4	143.4	137.8	153.7	146.5	147.9	139.9	151.9	141.7	150.0	144.3	147.2	139.9	148.5	148.5	142.2	142.2
160	36.8	257.3	257.3	51.8	51.8	162.5	290.5	0.2	164.9	61.6	242.6	40.4	273.4	13.8	141.8	148.9	313.6	47.0	47.0	262.1	262.1
	0.0	146.6	146.6	144.1	144.1	144.1	147.4	142.7	147.0	141.5	146.2	143.8	149.8	140.3	143.6	146.6	150.8	141.1	141.1	149.5	149.5
170	34.4	263.3	263.3	44.5	44.5	152.2	308.9	0.0	154.4	55.4	247.7	32.4	280.0	4.5	140.5	147.7	322.8	39.8	39.8	268.0	268.0
	0.0	153.8	153.8	136.7	136.7	144.8	157.0	131.8	147.5	135.2	152.4	135.7	157.8	130.7	142.8	146.0	161.7	133.8	133.8	156.8	156.8
180	30.2	262.4	262.4	43.2	43.2	150.0	309.3	0.0	151.9	54.4	246.8	31.1	278.9	3.5	139.6	146.5	321.7	38.8	38.8	266.8	266.8
	0.0	161.0	161.0	129.5	129.5	145.5	166.5	121.0	148.0	129.0	158.6	127.6	165.8	121.1	142.1	145.4	172.4	126.5	126.5	164.0	164.0
190	26.4	261.4	261.4	42.3	42.3	148.2	309.1	0.0	149.9	53.6	245.8	30.2	277.7	2.8	138.7	145.4	320.4	38.0	38.0	265.6	265.6
	0.0	168.1	168.1	122.3	122.3	146.2	175.8	110.3	148.5	122.8	164.7	119.6	173.7	111.7	141.3	144.8	183.0	119.4	119.4	171.1	171.1

* Loads and Outrigger loads are shown in 1000 lbs

Outrigger base 28.7 x 29.2 ft

352 700 lbs (160 t) counterweight

Length of boom extension 59.1 ft

Offset of boom extension 3 °

Reference chart 85% (lbs / ft)

3 083 591

Length of boom extension 59.1 ft

Offset of boom extension 3 °

outrigger base 28.7 x 29.2 ft

352 700 lbs (160 t) counterweight

	Main boom - fixed length in ft		
	147.6	163.4	179.2
Tel. sec. I	0.88	0.88	0.88
Tel. sec. II	0.88	0.88	0.88
Tel. sec. III	0.88	0.88	0.88
Tel. sec. IV	0.00	0.44	0.88
Radius in feet	Lifting capacities in 1000 lbs		
40.0	90.0		
45.0	86.0	86.0	
50.0	82.0	81.0	78.0
55.0	77.0	77.0	74.0
60.0	74.0	73.0	69.0
65.0	70.0	69.0	65.0
70.0	66.0	65.0	62.0
75.0	63.0	62.0	58.0
80.0	59.0	59.0	55.0
85.0	56.0	56.0	52.0
90.0	54.0	53.0	50.0
95.0	52.0	51.0	48.0
100.0	50.0	49.0	46.0
105.0	47.0	47.0	43.8
110.0	45.0	45.0	42.2
115.0	43.8	43.4	40.8
120.0	42.4	41.8	39.4
125.0	41.0	40.2	37.8
130.0	39.4	39.0	36.4
135.0	38.0	37.8	35.0
140.0	36.8	36.6	33.8
145.0	35.6	35.4	32.4
150.0	34.6	34.2	31.2
155.0	33.6	33.2	29.8
160.0	32.6	32.4	28.6
165.0	31.6	31.4	27.4

Reference chart 85% (lbs / ft)

3 083 591

Length of boom extension 59.1 ft

Offset of boom extension 3 °

outrigger base 28.7 x 29.2 ft

352 700 lbs (160 t) counterweight

	Main boom - fixed length in ft		
	147.6	163.4	179.2
Tel. sec. I	0.88	0.88	0.88
Tel. sec. II	0.88	0.88	0.88
Tel. sec. III	0.88	0.88	0.88
Tel. sec. IV	0.00	0.44	0.88
Radius in feet	Lifting capacities in 1000 lbs		
170.0	30.6	30.6	26.6
175.0	29.4	29.8	26.0
180.0	28.4	28.8	25.2
185.0		28.0	24.6
190.0		27.0	23.8
195.0		25.4	23.2
200.0		23.6	22.8
205.0			22.2
210.0			21.2
215.0			19.8

Main boom: 147.6 ft with 59.1 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.00

Counterweight: 352 700 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
40	90.0	139.8	139.8	196.8	196.8	162.1	132.0	208.9	170.2	185.8	143.2	199.4	144.7	197.0	166.9	173.9	135.2	189.2	189.2	147.3	147.3
	0.0	56.9	56.9	234.6	234.6	135.6	29.4	277.5	140.6	219.4	69.1	244.1	50.5	259.2	152.9	154.0	17.1	231.6	231.6	60.0	60.0
45	86.0	147.4	147.4	187.2	187.2	162.0	142.2	195.2	169.7	177.6	149.6	188.9	153.0	185.0	165.2	172.2	146.7	179.8	179.8	154.7	154.7
	0.0	60.7	60.7	230.9	230.9	136.0	34.3	271.9	140.9	216.2	72.4	239.9	54.7	254.2	152.5	153.7	22.7	227.8	227.8	63.7	63.7
50	82.0	154.2	154.2	178.3	178.3	161.9	151.6	182.5	169.2	170.0	155.4	179.2	160.5	173.9	163.5	170.5	157.2	171.2	171.2	161.4	161.4
	0.0	64.5	64.5	227.1	227.1	136.4	39.3	266.2	141.2	212.9	75.6	235.7	58.9	249.2	152.1	153.4	28.3	224.1	224.1	67.5	67.5
55	77.0	159.2	159.2	170.8	170.8	161.3	158.5	172.0	168.3	163.6	159.5	171.1	165.9	164.7	161.8	168.6	165.0	163.9	163.9	166.1	166.1
	0.0	68.2	68.2	223.3	223.3	136.8	44.2	260.6	141.5	209.7	78.8	231.5	63.0	244.3	151.8	153.1	33.9	220.3	220.3	71.2	71.2
60	74.0	165.9	165.9	162.7	162.7	161.4	167.4	160.2	168.0	156.6	165.2	162.1	173.2	154.4	160.4	167.3	175.1	155.9	155.9	172.6	172.6
	0.0	72.0	72.0	219.5	219.5	137.1	49.2	255.0	141.8	206.4	82.1	227.4	67.2	239.3	151.4	152.8	39.6	216.5	216.5	75.0	75.0
65	70.0	170.7	170.7	155.9	155.9	161.0	174.0	150.6	167.4	150.8	169.2	154.7	178.3	146.0	158.9	165.7	182.4	149.3	149.3	177.2	177.2
	0.0	75.8	75.8	215.8	215.8	137.5	54.1	249.4	142.0	203.2	85.3	223.2	71.4	234.4	151.0	152.5	45.2	212.8	212.8	78.8	78.8
70	66.0	174.7	174.7	149.8	149.8	160.6	179.7	142.1	166.6	145.6	172.6	148.1	182.8	138.5	157.5	164.2	188.8	143.4	143.4	181.1	181.1
	0.0	79.5	79.5	212.0	212.0	137.9	59.1	243.8	142.3	199.9	88.6	219.0	75.5	229.4	150.6	152.2	50.8	209.0	209.0	82.5	82.5
80	59.0	182.4	182.4	138.6	138.6	160.0	190.3	126.3	165.4	136.1	179.0	135.9	191.1	124.7	155.1	161.6	200.6	132.6	132.6	188.4	188.4
	0.0	87.0	87.0	204.5	204.5	138.6	69.0	232.5	142.9	193.5	95.0	210.6	83.9	219.5	149.9	151.6	62.0	201.4	201.4	90.1	90.1
90	54.0	191.3	191.3	127.2	127.2	159.8	202.3	110.1	164.8	126.4	186.4	123.5	200.8	110.5	152.9	159.4	214.1	121.5	121.5	197.0	197.0
	0.0	94.6	94.6	196.9	196.9	139.3	78.9	221.3	143.5	187.0	101.5	202.3	92.2	209.6	149.1	151.0	73.2	193.9	193.9	97.6	97.6

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450
Outrigger Load Chart
Ref.-Nr. 3 083 591
Main boom: 147.6 ft with 59.1 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.00

Counterweight: 352 700 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
100	50.0	200.3	200.3	116.1	116.1	159.9	214.5	94.1	164.4	116.9	194.1	111.3	210.7	96.5	151.0	157.6	227.9	110.6	110.6	205.9	205.9
	0.0	102.1	102.1	189.4	189.4	140.1	88.8	210.0	144.0	180.5	108.0	193.9	100.6	199.7	148.4	150.5	84.4	186.4	186.4	105.1	105.1
110	45.0	205.8	205.8	108.1	108.1	159.4	222.1	82.8	163.5	110.0	198.7	102.5	216.7	86.6	149.3	155.7	236.4	102.8	102.8	211.1	211.1
	0.0	109.6	109.6	181.8	181.8	140.8	98.7	198.8	144.6	174.0	114.4	185.6	108.9	189.7	147.6	149.9	95.6	178.8	178.8	112.6	112.6
120	42.4	215.2	215.2	97.5	97.5	159.8	234.5	67.3	163.6	100.9	206.6	90.8	226.9	72.9	147.7	154.2	250.4	92.3	92.3	220.3	220.3
	0.0	117.1	117.1	174.3	174.3	141.5	108.6	187.6	145.1	167.5	120.9	177.2	117.2	179.9	146.9	149.3	106.8	171.3	171.3	120.1	120.1
130	39.4	222.6	222.6	88.5	88.5	159.9	244.5	54.4	163.3	93.2	212.9	81.0	235.1	61.6	146.2	152.7	261.7	83.5	83.5	227.5	227.5
	0.0	124.6	124.6	166.8	166.8	142.3	118.4	176.4	145.7	161.1	127.3	168.9	125.5	170.0	146.1	148.7	118.0	163.8	163.8	127.6	127.6
140	36.8	230.0	230.0	79.8	79.8	160.1	254.4	41.7	163.2	85.7	219.2	71.4	243.2	50.5	144.8	151.4	272.9	74.9	74.9	234.8	234.8
	0.0	132.1	132.1	159.3	159.3	143.0	128.2	165.2	146.3	154.6	133.8	160.6	133.8	160.1	145.4	148.1	129.1	156.3	156.3	135.1	135.1
150	34.6	237.6	237.6	71.0	71.0	160.4	264.6	29.0	163.2	78.2	225.6	61.8	251.6	39.3	143.5	150.1	284.3	66.3	66.3	242.3	242.3
	0.0	139.5	139.5	151.8	151.8	143.7	138.0	154.1	146.8	148.1	140.2	152.3	142.0	150.3	144.6	147.5	140.2	148.8	148.8	142.5	142.5
160	32.6	245.0	245.0	62.5	62.5	160.7	274.5	16.6	163.2	71.0	232.0	52.4	259.8	28.4	142.2	148.9	295.5	57.9	57.9	249.6	249.6
	0.0	146.9	146.9	144.3	144.3	144.4	147.8	142.9	147.3	141.7	146.5	144.0	150.2	140.4	143.9	146.9	151.3	141.3	141.3	149.9	149.9
170	30.6	251.7	251.7	54.8	54.8	160.9	283.5	5.4	163.2	64.3	237.7	43.9	267.1	18.5	141.1	147.8	305.7	50.3	50.3	256.2	256.2
	0.0	154.3	154.3	136.9	136.9	145.1	157.6	131.9	147.9	135.3	152.9	135.8	158.4	130.7	143.1	146.3	162.3	133.9	133.9	157.3	157.3
180	28.4	257.0	257.0	48.3	48.3	157.0	294.6	0.0	159.1	58.8	242.1	36.8	272.9	10.3	140.0	146.7	313.7	43.9	43.9	261.4	261.4
	0.0	161.7	161.7	129.4	129.4	145.8	167.2	120.8	148.4	128.9	159.2	127.5	166.6	120.9	142.3	145.7	173.3	126.5	126.5	164.7	164.7

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 147.6 ft with 59.1 ft Boom extension, 3 ° offset
Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.00

Counterweight: 352 700 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
190	23.6	252.3	252.3	50.5	50.5	159.5	284.8	0.0	161.4	60.7	237.9	39.4	267.6	13.9	139.2	145.6	307.0	46.4	46.4	256.5	256.5
	0.0	169.0	169.0	122.1	122.1	146.5	176.9	109.8	148.9	122.6	165.5	119.4	174.7	111.2	141.6	145.1	184.2	119.1	119.1	172.0	172.0

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 163.4 ft with 59.1 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 352 700 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
45	86.0	146.8	146.8	188.0	188.0	162.0	141.4	196.3	169.8	178.2	149.1	189.8	152.3	185.9	165.4	172.3	145.8	180.6	180.6	154.1	154.1
	0.0	60.1	60.1	231.6	231.6	136.0	33.5	273.0	141.0	216.8	71.9	240.7	54.0	255.2	152.7	153.8	21.8	228.6	228.6	63.1	63.1
50	81.0	152.5	152.5	179.8	179.8	161.6	149.3	184.7	168.9	171.2	153.9	180.8	158.5	175.8	163.6	170.4	154.6	172.6	172.6	159.6	159.6
	0.0	63.8	63.8	227.9	227.9	136.4	38.4	267.4	141.2	213.6	75.0	236.6	58.1	250.3	152.3	153.5	27.3	224.9	224.9	66.8	66.8
55	77.0	158.5	158.5	171.7	171.7	161.3	157.5	173.3	168.3	164.4	158.9	172.1	165.1	165.8	162.0	168.8	163.8	164.8	164.8	165.4	165.4
	0.0	67.5	67.5	224.2	224.2	136.8	43.2	261.9	141.5	210.5	78.2	232.5	62.2	245.4	151.9	153.3	32.8	221.2	221.2	70.5	70.5
60	73.0	163.8	163.8	164.4	164.4	161.1	164.8	162.9	167.7	158.1	163.4	164.1	170.8	156.7	160.5	167.2	172.0	157.7	157.7	170.5	170.5
	0.0	71.2	71.2	220.5	220.5	137.1	48.1	256.4	141.8	207.3	81.4	228.4	66.3	240.6	151.6	153.0	38.3	217.5	217.5	74.2	74.2
65	69.0	168.4	168.4	157.8	157.8	160.7	171.1	153.6	167.0	152.5	167.2	156.9	175.9	148.6	159.0	165.7	179.1	151.3	151.3	174.9	174.9
	0.0	74.9	74.9	216.8	216.8	137.5	53.0	250.9	142.1	204.1	84.6	224.3	70.4	235.7	151.2	152.7	43.8	213.8	213.8	77.9	77.9
70	65.0	172.3	172.3	151.9	151.9	160.3	176.6	145.3	166.3	147.4	170.5	150.4	180.1	141.3	157.6	164.2	185.2	145.6	145.6	178.7	178.7
	0.0	78.6	78.6	213.1	213.1	137.8	57.8	245.4	142.3	200.9	87.7	220.2	74.5	230.8	150.8	152.4	49.3	210.1	210.1	81.6	81.6
80	59.0	181.3	181.3	139.9	139.9	159.9	188.8	128.2	165.4	137.2	178.0	137.3	189.9	126.4	155.2	161.8	199.0	133.8	133.8	187.3	187.3
	0.0	86.0	86.0	205.7	205.7	138.6	67.5	234.4	142.9	194.6	94.1	212.0	82.7	221.1	150.1	151.8	60.4	202.7	202.7	89.0	89.0
90	53.0	188.2	188.2	129.9	129.9	159.4	198.3	114.2	164.4	128.7	183.8	126.5	197.4	114.1	153.1	159.5	209.6	124.2	124.2	193.9	193.9
	0.0	93.3	93.3	198.3	198.3	139.3	77.2	223.4	143.5	188.2	100.4	203.9	90.9	211.4	149.3	151.3	71.4	195.3	195.3	96.4	96.4
100	49.0	197.0	197.0	119.2	119.2	159.4	210.1	98.8	164.0	119.5	191.2	114.7	207.0	100.5	151.2	157.6	222.9	113.7	113.7	202.5	202.5
	0.0	100.7	100.7	191.0	191.0	140.0	86.9	212.3	144.0	181.8	106.8	195.7	99.0	201.7	148.6	150.7	82.3	187.9	187.9	103.7	103.7

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 163.4 ft with 59.1 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 352 700 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
110	45.0	204.3	204.3	109.8	109.8	159.3	220.0	85.4	163.5	111.5	197.3	104.4	215.0	88.8	149.5	155.9	234.1	104.5	104.5	209.6	209.6
	0.0	108.1	108.1	183.6	183.6	140.7	96.6	201.3	144.6	175.5	113.1	187.5	107.2	192.0	147.9	150.1	93.3	180.5	180.5	111.1	111.1
120	41.8	212.1	212.1	100.4	100.4	159.4	230.5	71.8	163.3	103.4	203.9	94.1	223.5	76.9	147.9	154.4	245.9	95.3	95.3	217.2	217.2
	0.0	115.4	115.4	176.2	176.2	141.4	106.3	190.4	145.1	169.1	119.4	179.3	115.3	182.3	147.1	149.5	104.3	173.2	173.2	118.4	118.4
130	39.0	219.7	219.7	91.4	91.4	159.6	240.8	58.6	163.1	95.7	210.4	84.2	231.9	65.3	146.5	152.9	257.4	86.4	86.4	224.7	224.7
	0.0	122.7	122.7	168.8	168.8	142.1	116.0	179.4	145.7	162.8	125.7	171.2	123.4	172.6	146.4	148.9	115.2	165.8	165.8	125.8	125.8
140	36.6	227.4	227.4	82.4	82.4	159.9	251.1	45.6	163.1	88.0	217.0	74.3	240.4	53.9	145.1	151.6	269.1	77.5	77.5	232.3	232.3
	0.0	130.1	130.1	161.5	161.5	142.9	125.6	168.4	146.2	156.5	132.0	163.0	131.6	162.9	145.7	148.4	126.1	158.5	158.5	133.1	133.1
150	34.2	234.3	234.3	74.3	74.3	160.1	260.3	33.9	163.0	81.1	222.8	65.4	247.9	43.6	143.8	150.4	279.5	69.6	69.6	239.0	239.0
	0.0	137.4	137.4	154.1	154.1	143.6	135.2	157.5	146.7	150.2	138.3	154.9	139.6	153.3	144.9	147.8	137.0	151.1	151.1	140.4	140.4
160	32.4	242.1	242.1	65.6	65.6	160.5	270.7	21.1	163.1	73.6	229.5	55.8	256.5	32.3	142.6	149.2	291.2	60.9	60.9	246.8	246.8
	0.0	144.6	144.6	146.8	146.8	144.3	144.8	146.6	147.3	143.9	144.6	146.8	147.7	143.7	144.2	147.2	147.9	143.8	143.8	147.7	147.7
170	30.6	249.3	249.3	57.5	57.5	160.8	280.2	9.3	163.1	66.6	235.6	46.9	264.4	21.9	141.4	148.1	302.0	52.9	52.9	253.8	253.8
	0.0	151.9	151.9	139.5	139.5	145.0	154.3	135.8	147.8	137.6	150.8	138.7	155.7	134.1	143.4	146.6	158.7	136.5	136.5	154.9	154.9
180	28.8	255.8	255.8	50.0	50.0	159.5	290.5	0.0	161.6	60.2	241.1	38.7	271.6	12.4	140.3	147.1	311.8	45.6	45.6	260.2	260.2
	0.0	159.1	159.1	132.3	132.3	145.7	163.8	125.0	148.3	131.4	157.0	130.7	163.7	124.6	142.7	146.1	169.4	129.3	129.3	162.1	162.1
190	27.0	261.6	261.6	43.2	43.2	149.8	308.1	0.0	151.7	54.4	246.0	31.2	278.0	3.7	139.2	146.1	320.6	38.9	38.9	265.9	265.9
	0.0	166.2	166.2	125.1	125.1	146.3	173.2	114.2	148.8	125.1	163.2	122.7	171.6	115.1	142.0	145.5	180.1	122.1	122.1	169.2	169.2

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 163.4 ft with 59.1 ft Boom extension, 3 ° offset
Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 352 700 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
200	23.6	260.8	260.8	42.3	42.3	148.0	308.3	0.0	149.8	53.6	245.2	30.2	277.0	3.0	138.4	145.1	319.6	38.1	38.1	264.9	264.9
	0.0	173.3	173.3	117.9	117.9	147.0	182.6	103.5	149.3	119.0	169.3	114.7	179.5	105.7	141.2	144.9	190.7	114.9	114.9	176.3	176.3

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 179.2 ft with 59.1 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 352 700 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
50	78.0	148.7	148.7	182.3	182.3	160.6	144.5	188.8	167.9	173.4	150.5	183.7	154.2	179.5	163.3	170.0	149.1	175.3	175.3	155.6	155.6
	0.0	63.3	63.3	228.6	228.6	136.4	37.6	268.5	141.3	214.3	74.6	237.4	57.6	251.2	152.4	153.7	26.5	225.6	225.6	66.3	66.3
55	74.0	154.3	154.3	174.6	174.6	160.4	152.2	177.8	167.3	166.8	155.3	175.3	160.4	169.9	161.7	168.4	157.8	167.8	167.8	161.1	161.1
	0.0	66.9	66.9	225.0	225.0	136.8	42.4	263.0	141.6	211.1	77.7	233.4	61.6	246.4	152.1	153.4	31.9	221.9	221.9	70.0	70.0
60	69.0	158.1	158.1	168.3	168.3	159.7	157.5	169.2	166.3	161.5	158.3	168.5	164.4	162.4	160.1	166.6	163.7	161.8	161.8	164.6	164.6
	0.0	70.5	70.5	221.4	221.4	137.1	47.2	257.6	141.8	208.0	80.8	229.3	65.6	241.6	151.7	153.1	37.3	218.3	218.3	73.6	73.6
65	65.0	162.3	162.3	162.1	162.1	159.4	163.3	160.5	165.6	156.2	161.8	161.8	169.0	154.8	158.7	165.1	170.2	155.8	155.8	168.6	168.6
	0.0	74.2	74.2	217.7	217.7	137.5	52.0	252.2	142.1	204.9	84.0	225.3	69.6	236.8	151.3	152.8	42.8	214.7	214.7	77.2	77.2
70	62.0	167.2	167.2	155.6	155.6	159.2	170.0	151.3	165.2	150.7	166.0	154.7	174.4	146.7	157.5	163.8	177.8	149.5	149.5	173.4	173.4
	0.0	77.8	77.8	214.1	214.1	137.8	56.8	246.8	142.4	201.7	87.1	221.3	73.7	232.0	151.0	152.6	48.2	211.0	211.0	80.9	80.9
80	55.0	174.0	174.0	145.4	145.4	158.5	179.4	137.0	163.9	142.0	171.6	143.5	181.6	134.1	155.1	161.3	188.2	139.6	139.6	179.8	179.8
	0.0	85.1	85.1	206.8	206.8	138.5	66.3	235.9	142.9	195.5	93.3	213.2	81.7	222.5	150.3	152.0	59.0	203.8	203.8	88.1	88.1
90	50.0	181.8	181.8	135.0	135.0	158.2	190.1	122.2	163.2	133.1	178.2	132.2	190.2	121.2	153.1	159.2	200.3	129.4	129.4	187.4	187.4
	0.0	92.3	92.3	199.5	199.5	139.3	75.9	225.1	143.5	189.2	99.6	205.2	89.7	212.9	149.5	151.4	69.8	196.5	196.5	95.4	95.4
100	46.0	189.9	189.9	124.9	124.9	158.2	201.0	107.6	162.8	124.4	185.0	121.1	199.1	108.4	151.3	157.4	212.6	119.5	119.5	195.3	195.3
	0.0	99.6	99.6	192.3	192.3	140.0	85.4	214.3	144.0	183.0	105.8	197.1	97.8	203.4	148.8	150.9	80.6	189.2	189.2	102.6	102.6
110	42.2	197.0	197.0	115.9	115.9	158.1	210.7	94.7	162.3	116.7	191.0	111.2	206.9	97.1	149.6	155.7	223.4	110.7	110.7	202.2	202.2
	0.0	106.8	106.8	185.0	185.0	140.7	94.9	203.5	144.6	176.7	112.0	189.1	105.8	193.8	148.1	150.3	91.4	182.0	182.0	109.8	109.8

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450

Outrigger Load Chart

Ref.-Nr. 3 083 591

Main boom: 179.2 ft with 59.1 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 352 700 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
120	39.4	205.1	205.1	106.4	106.4	158.4	221.5	80.9	162.2	108.6	197.9	100.7	215.8	84.9	148.1	154.3	235.6	101.3	101.3	210.2	210.2
	0.0	114.0	114.0	177.8	177.8	141.4	104.4	192.7	145.1	170.5	118.3	181.0	113.8	184.3	147.4	149.7	102.2	174.7	174.7	117.1	117.1
130	36.4	211.7	211.7	98.2	98.2	158.4	230.4	69.2	161.9	101.6	203.5	91.8	223.0	74.7	146.7	152.9	245.7	93.3	93.3	216.6	216.6
	0.0	121.2	121.2	170.5	170.5	142.1	113.9	181.9	145.6	164.3	124.5	173.0	121.8	174.8	146.6	149.2	112.9	167.5	167.5	124.3	124.3
140	33.8	218.4	218.4	90.3	90.3	158.5	239.3	57.7	161.8	94.8	209.1	83.1	230.3	64.6	145.4	151.6	255.7	85.5	85.5	223.1	223.1
	0.0	128.4	128.4	163.3	163.3	142.8	123.4	171.1	146.2	158.0	130.6	165.0	129.8	165.3	145.9	148.6	123.7	160.3	160.3	131.5	131.5
150	31.2	224.0	224.0	83.3	83.3	158.5	247.0	47.6	161.5	88.8	213.9	75.4	236.5	55.7	144.2	150.4	264.3	78.7	78.7	228.6	228.6
	0.0	135.6	135.6	156.1	156.1	143.5	132.9	160.4	146.7	151.8	136.8	157.0	137.7	155.8	145.2	148.0	134.4	153.1	153.1	138.6	138.6
160	28.6	228.8	228.8	77.2	77.2	158.4	253.4	38.9	161.2	83.6	217.9	68.7	241.7	48.1	143.0	149.3	271.6	72.7	72.7	233.3	233.3
	0.0	142.8	142.8	148.9	148.9	144.2	142.3	149.7	147.2	145.7	143.0	149.1	145.6	146.4	144.5	147.5	145.0	145.9	145.9	145.8	145.8
170	26.6	234.5	234.5	70.4	70.4	158.6	261.1	29.1	161.1	77.8	222.8	61.3	248.0	39.4	142.0	148.2	280.2	66.0	66.0	238.9	238.9
	0.0	149.9	149.9	141.8	141.8	144.8	151.6	139.0	147.8	139.5	149.1	141.1	153.5	137.0	143.7	146.9	155.7	138.7	138.7	152.9	152.9
180	25.2	241.6	241.6	62.6	62.6	159.0	270.5	17.7	161.2	71.1	228.8	52.7	255.7	29.4	140.9	147.2	290.8	58.3	58.3	245.8	245.8
	0.0	157.0	157.0	134.6	134.6	145.5	161.0	128.4	148.3	133.4	155.2	133.2	161.4	127.6	143.0	146.3	166.2	131.6	131.6	160.0	160.0
190	23.8	248.0	248.0	55.4	55.4	159.3	279.1	7.1	161.4	64.9	234.3	44.8	262.9	20.1	139.9	146.3	300.6	51.2	51.2	252.3	252.3
	0.0	164.0	164.0	127.5	127.5	146.2	170.3	117.8	148.8	127.2	161.3	125.4	169.2	118.3	142.3	145.8	176.7	124.5	124.5	167.0	167.0
200	22.8	255.5	255.5	47.4	47.4	155.2	293.6	0.0	157.0	58.0	240.7	35.9	271.1	9.7	138.9	145.4	311.7	43.2	43.2	259.6	259.6
	0.0	171.0	171.0	120.5	120.5	146.9	179.5	107.3	149.3	121.2	167.3	117.6	176.9	109.0	141.6	145.2	187.2	117.4	117.4	174.0	174.0

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 179.2 ft with 59.1 ft Boom extension, 3 ° offset
Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 352 700 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
210	21.2	260.2	260.2	41.8	41.8	147.2	308.0	0.0	148.8	53.3	244.7	29.8	276.3	2.7	138.0	144.5	318.8	37.8	37.8	264.2	264.2
	0.0	178.0	178.0	113.5	113.5	147.5	188.6	96.9	149.8	115.2	173.2	109.8	184.6	99.8	140.9	144.6	197.5	110.4	110.4	181.0	181.0

* Loads and Outrigger loads are shown in 1000 lbs

Outrigger base 28.7 x 29.2 ft

352 700 lbs (160 t) counterweight

Length of boom extension 78.7 ft

Offset of boom extension 3 °

Reference chart 85% (lbs / ft)

3 083 592

Length of boom extension 78.7 ft

Offset of boom extension 3 °

outrigger base 28.7 x 29.2 ft

352 700 lbs (160 t) counterweight

	Main boom - fixed length in ft		
	147.6	163.4	179.2
Tel. sec. I	0.88	0.88	0.88
Tel. sec. II	0.88	0.88	0.88
Tel. sec. III	0.88	0.88	0.88
Tel. sec. IV	0.00	0.44	0.88
Radius in feet	Lifting capacities in 1000 lbs		
45.0	69.0		
50.0	66.0	66.0	
55.0	63.0	63.0	62.0
60.0	60.0	61.0	59.0
65.0	57.0	58.0	56.0
70.0	54.0	55.0	52.0
75.0	51.0	52.0	50.0
80.0	49.0	49.0	48.0
85.0	47.0	47.0	45.0
90.0	45.0	45.0	43.2
95.0	42.4	43.2	41.4
100.0	40.8	41.4	39.8
105.0	39.2	39.4	38.2
110.0	37.8	38.0	36.6
115.0	36.2	36.8	35.0
120.0	34.6	35.4	33.6
125.0	33.2	34.2	32.2
130.0	32.0	32.8	30.8
135.0	30.6	31.4	29.4
140.0	29.2	30.4	28.0
145.0	28.0	29.2	26.6
150.0	26.6	28.0	25.8
155.0	25.4	27.0	25.0
160.0	24.8	25.8	24.2
165.0	24.0	24.6	23.6
170.0	23.4	23.8	22.8

Reference chart 85% (lbs / ft)

3 083 592

Length of boom extension 78.7 ft

Offset of boom extension 3 °

outrigger base 28.7 x 29.2 ft

352 700 lbs (160 t) counterweight

	Main boom - fixed length in ft		
	147.6	163.4	179.2
Tel. sec. I	0.88	0.88	0.88
Tel. sec. II	0.88	0.88	0.88
Tel. sec. III	0.88	0.88	0.88
Tel. sec. IV	0.00	0.44	0.88
Radius in feet	Lifting capacities in 1000 lbs		
175.0	22.6	23.2	22.0
180.0	22.0	22.6	21.4
185.0	21.4	22.0	20.8
190.0	20.8	21.4	20.2
195.0	20.4	20.8	19.6
200.0	19.8	20.2	19.2
205.0		19.8	18.6
210.0		19.4	18.0
215.0		19.0	17.6
220.0		18.4	17.2
225.0			16.8
230.0			16.4
235.0			16.0

Main boom: 147.6 ft with 78.7 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.00

Counterweight: 352 700 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
45	69.0	128.3	128.3	198.4	198.4	156.9	118.2	214.0	164.2	187.4	132.7	201.8	131.4	201.9	163.2	169.0	119.2	191.9	191.9	134.8	134.8
	0.0	58.7	58.7	233.4	233.4	136.1	31.7	275.6	141.1	218.4	70.7	242.7	52.5	257.4	153.0	154.2	19.7	230.4	230.4	61.8	61.8
50	66.0	134.6	134.6	190.6	190.6	156.9	126.7	202.8	163.9	180.8	138.0	193.3	138.3	192.0	161.8	167.7	128.8	184.2	184.2	141.0	141.0
	0.0	62.3	62.3	229.9	229.9	136.4	36.4	270.2	141.3	215.3	73.8	238.8	56.5	252.7	152.7	153.9	25.0	226.8	226.8	65.4	65.4
55	63.0	140.3	140.3	183.3	183.3	156.9	134.5	192.4	163.6	174.5	142.9	185.3	144.6	182.9	160.5	166.4	137.6	177.1	177.1	146.6	146.6
	0.0	65.9	65.9	226.3	226.3	136.8	41.1	264.9	141.6	212.2	76.9	234.8	60.5	248.0	152.3	153.6	30.4	223.2	223.2	69.0	69.0
60	60.0	145.6	145.6	176.6	176.6	156.8	141.6	182.7	163.2	168.8	147.3	177.9	150.3	174.4	159.3	165.1	145.6	170.5	170.5	151.7	151.7
	0.0	69.5	69.5	222.7	222.7	137.1	45.8	259.6	141.9	209.1	79.9	230.8	64.4	243.3	151.9	153.4	35.7	219.6	219.6	72.5	72.5
65	57.0	150.3	150.3	170.4	170.4	156.7	148.1	173.8	162.8	163.4	151.3	171.1	155.5	166.6	158.1	163.8	152.8	164.4	164.4	156.3	156.3
	0.0	73.0	73.0	219.1	219.1	137.5	50.5	254.2	142.2	206.1	83.0	226.9	68.4	238.6	151.6	153.1	41.0	216.0	216.0	76.1	76.1
70	54.0	154.5	154.5	164.6	164.6	156.5	153.8	165.7	162.3	158.5	154.8	164.9	160.1	159.5	156.9	162.6	159.2	158.8	158.8	160.3	160.3
	0.0	76.6	76.6	215.6	215.6	137.8	55.2	248.9	142.4	203.0	86.1	222.9	72.4	233.9	151.2	152.8	46.4	212.5	212.5	79.7	79.7
80	49.0	163.0	163.0	153.7	153.7	156.3	165.3	150.0	161.7	149.2	161.9	152.9	169.3	145.8	154.8	160.5	172.2	148.1	148.1	168.5	168.5
	0.0	83.8	83.8	208.4	208.4	138.5	64.6	238.2	143.0	196.8	92.2	215.0	80.3	224.5	150.5	152.3	57.0	205.3	205.3	86.8	86.8
90	45.0	171.5	171.5	143.1	143.1	156.3	176.8	134.9	161.3	140.2	169.1	141.3	178.7	132.5	153.0	158.7	185.1	137.8	137.8	176.8	176.8
	0.0	90.9	90.9	201.2	201.2	139.2	74.0	227.5	143.5	190.7	98.4	207.0	88.2	215.1	149.8	151.7	67.7	198.1	198.1	94.0	94.0
100	40.8	178.2	178.2	134.3	134.3	156.1	186.0	122.3	160.7	132.6	174.8	131.7	186.0	121.4	151.3	157.0	195.4	129.2	129.2	183.3	183.3
	0.0	98.1	98.1	194.1	194.1	139.9	83.4	216.9	144.1	184.5	104.5	199.1	96.1	205.6	149.1	151.2	78.3	191.0	191.0	101.1	101.1

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450

Outrigger Load Chart

Ref.-Nr. 3 083 592

Main boom: 147.6 ft with 78.7 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.00

Counterweight: 352 700 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
110	37.8	186.0	186.0	125.0	125.0	156.3	196.5	108.8	160.5	124.6	181.4	121.4	194.6	109.6	149.8	155.5	207.2	120.0	120.0	191.0	191.0
	0.0	105.2	105.2	186.9	186.9	140.6	92.8	206.2	144.6	178.3	110.7	191.1	104.0	196.2	148.4	150.6	89.0	183.8	183.8	108.3	108.3
120	34.6	192.4	192.4	117.0	117.0	156.2	205.0	97.4	160.2	117.8	186.8	112.7	201.5	99.6	148.3	154.0	216.8	112.2	112.2	197.2	197.2
	0.0	112.4	112.4	179.7	179.7	141.3	102.2	195.5	145.1	172.2	116.8	183.2	112.0	186.8	147.7	150.0	99.7	176.7	176.7	115.4	115.4
130	32.0	199.1	199.1	109.0	109.0	156.4	214.0	85.8	160.0	110.9	192.4	103.9	208.9	89.4	147.0	152.8	227.0	104.3	104.3	203.7	203.7
	0.0	119.5	119.5	172.6	172.6	142.0	111.6	184.8	145.7	166.0	123.0	175.3	119.9	177.4	147.0	149.5	110.3	169.5	169.5	122.6	122.6
140	29.2	204.3	204.3	102.3	102.3	156.3	221.1	76.2	159.7	105.2	196.9	96.6	214.6	81.0	145.8	151.5	235.0	97.8	97.8	208.8	208.8
	0.0	126.6	126.6	165.4	165.4	142.7	121.0	174.2	146.2	159.9	129.1	167.4	127.8	168.0	146.2	148.9	120.9	162.4	162.4	129.7	129.7
150	26.6	209.1	209.1	96.2	96.2	156.2	227.7	67.4	159.3	100.0	200.9	89.8	219.9	73.3	144.7	150.4	242.3	91.8	91.8	213.5	213.5
	0.0	133.7	133.7	158.3	158.3	143.4	130.4	163.5	146.7	153.7	135.2	159.4	135.7	158.6	145.5	148.4	131.5	155.2	155.2	136.8	136.8
160	24.8	215.5	215.5	88.9	88.9	156.5	236.1	56.8	159.4	93.7	206.3	81.9	226.8	64.0	143.6	149.4	251.9	84.6	84.6	219.8	219.8
	0.0	140.8	140.8	151.1	151.1	144.1	139.7	152.9	147.3	147.6	141.4	151.5	143.5	149.2	144.8	147.8	142.1	148.1	148.1	143.9	143.9
170	23.4	222.4	222.4	81.2	81.2	156.9	245.4	45.6	159.5	87.1	212.3	73.4	234.5	54.1	142.5	148.4	262.3	77.0	77.0	226.7	226.7
	0.0	147.9	147.9	144.0	144.0	144.8	149.1	142.3	147.8	141.4	147.5	143.6	151.4	139.8	144.1	147.2	152.7	140.9	140.9	151.0	151.0
180	22.0	228.9	228.9	74.0	74.0	157.2	254.0	35.0	159.6	81.0	217.8	65.5	241.6	44.8	141.5	147.5	272.0	69.9	69.9	233.0	233.0
	0.0	155.0	155.0	136.9	136.9	145.5	158.4	131.7	148.3	135.3	153.6	135.7	159.2	130.5	143.4	146.7	163.3	133.8	133.8	158.1	158.1
190	20.8	235.5	235.5	66.8	66.8	157.6	262.8	24.3	159.8	74.7	223.5	57.4	249.0	35.4	140.6	146.6	282.0	62.6	62.6	239.6	239.6
	0.0	162.1	162.1	129.8	129.8	146.2	167.7	121.1	148.8	129.2	159.6	127.9	167.1	121.1	142.7	146.1	173.8	126.7	126.7	165.2	165.2

* Loads and Outrigger loads are shown in 1000 lbs

Main boom:147.6 ft with 78.7 ft Boom extension, 3 ° offset

Telescoping ratio:Tel. sec. I = 0.88Tel. sec. II = 0.88Tel. sec. III = 0.88Tel. sec. IV = 0.00

Counterweight:352 700 lbs

Outrigger base:28.7 x 29.2 ft

Slewing range:360°

<<-----L O A D P O S I T I O N S----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
200	19.8	242.5	242.5	59.2	59.2	158.1	272.0	13.3	160.0	68.3	229.4	49.1	256.6	25.6	139.6	145.7	292.5	55.2	55.2	246.5	246.5
	0.0	169.1	169.1	122.7	122.7	146.8	176.9	110.5	149.3	123.1	165.7	120.0	174.9	111.8	141.9	145.5	184.3	119.6	119.6	172.2	172.2

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 163.4 ft with 78.7 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 352 700 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
50	66.0 0.0	134.1 61.9	134.1 61.9	191.2 230.5	191.2 230.5	157.0 136.5	126.1 35.8	203.6 271.1	163.9 141.4	181.3 215.8	137.7 73.4	194.0 239.4	137.8 56.0	192.8 253.5	162.0 152.8	167.8 154.0	128.1 24.4	184.8 227.4	184.8 227.4	140.5 65.0	140.5 65.0
55	63.0 0.0	139.8 65.4	139.8 65.4	184.0 226.9	184.0 226.9	156.9 136.8	133.9 40.4	193.3 265.8	163.6 141.7	175.1 212.8	142.5 76.4	186.0 235.5	144.1 59.9	183.7 248.8	160.7 152.4	166.5 153.8	136.8 29.6	177.7 223.8	177.7 223.8	146.1 68.5	146.1 68.5
60	61.0 0.0	146.3 68.9	146.3 68.9	176.5 223.4	176.5 223.4	157.1 137.1	142.5 45.0	182.4 260.5	163.6 141.9	168.7 209.7	148.0 79.5	177.8 231.6	151.2 63.8	174.1 244.2	159.5 152.1	165.4 153.5	146.6 34.9	170.3 220.3	170.3 220.3	152.5 72.0	152.5 72.0
65	58.0 0.0	151.1 72.4	151.1 72.4	170.2 219.9	170.2 219.9	157.0 137.5	149.0 49.7	173.5 255.3	163.2 142.2	163.3 206.7	152.0 82.5	171.0 227.7	156.4 67.8	166.3 239.5	158.3 151.7	164.2 153.2	153.9 40.1	164.2 216.8	164.2 216.8	157.1 75.6	157.1 75.6
70	55.0 0.0	155.3 76.0	155.3 76.0	164.5 216.3	164.5 216.3	156.8 137.8	154.8 54.3	165.3 250.0	162.7 142.5	158.4 203.7	155.6 85.6	164.7 223.8	161.0 71.7	159.2 234.9	157.1 151.4	163.0 153.0	160.4 45.4	158.6 213.2	158.6 213.2	161.2 79.1	161.2 79.1
80	49.0 0.0	162.2 83.0	162.2 83.0	154.6 209.3	154.6 209.3	156.3 138.5	164.3 63.6	151.3 239.5	161.7 143.0	149.9 197.6	161.3 91.6	153.8 215.9	168.5 79.5	146.9 225.6	155.0 150.7	160.7 152.4	171.1 55.9	149.0 206.2	149.0 206.2	167.8 86.1	167.8 86.1
90	45.0 0.0	170.7 90.1	170.7 90.1	144.1 202.2	144.1 202.2	156.3 139.2	175.7 72.9	136.3 229.0	161.3 143.5	141.0 191.5	168.4 97.7	142.4 208.1	177.7 87.3	133.7 216.3	153.1 150.0	158.9 151.9	183.8 66.4	138.8 199.1	138.8 199.1	176.0 93.2	176.0 93.2
100	41.4 0.0	178.5 97.1	178.5 97.1	134.5 195.2	134.5 195.2	156.3 139.9	186.2 82.2	122.5 218.4	161.0 144.1	132.8 185.4	175.0 103.8	131.9 200.3	186.3 95.1	121.6 207.0	151.5 149.3	157.2 151.3	195.7 76.9	129.3 192.1	129.3 192.1	183.6 100.2	183.6 100.2
110	38.0 0.0	185.4 104.2	185.4 104.2	125.8 188.1	125.8 188.1	156.3 140.6	195.6 91.4	110.0 207.9	160.6 144.6	125.3 179.4	180.9 109.8	122.3 192.5	193.9 102.9	110.6 197.7	149.9 148.6	155.7 150.8	206.3 87.5	120.8 185.0	120.8 185.0	190.5 107.3	190.5 107.3

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450

Outrigger Load Chart

Ref.-Nr. 3 083 592

Main boom: 163.4 ft with 78.7 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 352 700 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
120	35.4	193.1	193.1	116.9	116.9	156.5	205.9	97.0	160.5	117.7	187.4	112.5	202.3	99.2	148.5	154.3	217.9	112.0	112.0	198.0	198.0
	0.0	111.2	111.2	181.0	181.0	141.3	100.7	197.4	145.1	173.3	115.9	184.6	110.7	188.5	147.9	150.2	98.0	177.9	177.9	114.3	114.3
130	32.8	199.8	199.8	108.8	108.8	156.7	214.9	85.3	160.3	110.8	193.1	103.7	209.7	89.0	147.2	153.0	228.0	104.1	104.1	204.6	204.6
	0.0	118.3	118.3	174.0	174.0	142.0	110.0	186.9	145.7	167.2	121.9	176.8	118.5	179.2	147.2	149.7	108.4	170.9	170.9	121.3	121.3
140	30.4	206.2	206.2	101.3	101.3	156.8	223.4	74.4	160.2	104.3	198.5	95.3	216.7	79.4	146.0	151.8	237.6	96.6	96.6	210.8	210.8
	0.0	125.3	125.3	166.9	166.9	142.7	119.2	176.4	146.2	161.2	128.0	169.0	126.3	169.9	146.5	149.1	118.9	163.8	163.8	128.4	128.4
150	28.0	211.7	211.7	94.5	94.5	156.8	230.9	64.7	160.0	98.5	203.2	88.0	222.7	70.8	144.8	150.7	246.0	90.0	90.0	216.2	216.2
	0.0	132.3	132.3	159.9	159.9	143.3	128.4	165.9	146.7	155.1	134.0	161.2	134.1	160.7	145.8	148.6	129.4	156.8	156.8	135.4	135.4
160	25.8	216.9	216.9	88.1	88.1	156.9	237.9	55.5	159.8	93.1	207.6	81.0	228.5	62.8	143.8	149.6	254.0	83.8	83.8	221.3	221.3
	0.0	139.3	139.3	152.9	152.9	144.0	137.6	155.4	147.2	149.0	140.0	153.4	141.8	151.4	145.1	148.0	139.8	149.8	149.8	142.4	142.4
170	23.8	222.0	222.0	82.0	82.0	157.0	244.8	46.6	159.7	87.8	212.0	74.2	234.1	55.0	142.8	148.6	261.7	77.7	77.7	226.3	226.3
	0.0	146.3	146.3	145.8	145.8	144.7	146.8	145.0	147.7	143.0	146.0	145.7	149.6	142.2	144.4	147.5	150.2	142.8	142.8	149.4	149.4
180	22.6	229.1	229.1	74.3	74.3	157.4	254.2	35.3	159.9	81.2	218.0	65.7	241.9	45.0	141.7	147.7	272.4	70.1	70.1	233.3	233.3
	0.0	153.3	153.3	138.8	138.8	145.4	156.0	134.5	148.3	137.0	152.0	137.9	157.3	133.0	143.6	146.9	160.6	135.8	135.8	156.3	156.3
190	21.4	235.8	235.8	67.0	67.0	157.8	263.1	24.6	160.1	74.9	223.7	57.7	249.3	35.6	140.8	146.9	282.3	62.8	62.8	239.9	239.9
	0.0	160.2	160.2	131.9	131.9	146.0	165.2	124.1	148.8	131.0	158.0	130.2	165.0	123.8	142.9	146.4	171.0	128.8	128.8	163.3	163.3
200	20.2	242.0	242.0	60.2	60.2	158.2	271.3	14.5	160.2	69.0	229.0	50.1	256.1	26.7	139.8	146.0	291.7	56.1	56.1	246.1	246.1
	0.0	167.1	167.1	124.9	124.9	146.7	174.3	113.8	149.3	125.0	164.0	122.4	172.7	114.7	142.2	145.8	181.3	121.8	121.8	170.2	170.2

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 163.4 ft with 78.7 ft Boom extension, 3 ° offset
Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 352 700 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
210	19.4	249.3	249.3	52.4	52.4	158.7	281.0	3.1	160.5	62.4	235.3	41.5	264.2	16.6	138.9	145.2	302.6	48.3	48.3	253.3	253.3
	0.0	174.0	174.0	117.9	117.9	147.4	183.4	103.4	149.8	119.0	169.9	114.7	180.3	105.5	141.5	145.3	191.6	114.9	114.9	177.1	177.1
220	18.4	255.5	255.5	45.6	45.6	152.3	296.0	0.0	153.9	56.6	240.5	34.1	271.0	7.9	138.0	144.4	311.9	41.7	41.7	259.5	259.5
	0.0	180.9	180.9	111.0	111.0	148.0	192.4	93.1	150.3	113.0	175.8	107.1	187.9	96.4	140.8	144.7	201.9	107.9	107.9	184.0	184.0

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 179.2 ft with 78.7 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 352 700 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
55	62.0	138.3	138.3	185.2	185.2	156.6	131.8	195.2	163.3	176.1	141.1	187.4	142.3	185.4	160.6	166.4	134.5	179.0	179.0	144.5	144.5
	0.0	65.0	65.0	227.5	227.5	136.8	39.9	266.6	141.7	213.3	76.1	236.1	59.5	249.5	152.5	153.9	29.0	224.4	224.4	68.1	68.1
60	59.0	143.3	143.3	178.6	178.6	156.5	138.7	185.8	162.9	170.5	145.4	180.2	147.8	177.2	159.4	165.2	142.3	172.6	172.6	149.4	149.4
	0.0	68.5	68.5	224.0	224.0	137.2	44.4	261.4	142.0	210.3	79.1	232.2	63.4	244.9	152.2	153.6	34.2	220.9	220.9	71.6	71.6
65	56.0	147.9	147.9	172.6	172.6	156.4	144.9	177.2	162.5	165.3	149.2	173.6	152.8	169.6	158.2	163.9	149.2	166.7	166.7	153.8	153.8
	0.0	72.0	72.0	220.5	220.5	137.5	49.0	256.2	142.2	207.2	82.1	228.4	67.2	240.3	151.9	153.4	39.4	217.4	217.4	75.1	75.1
70	52.0	150.5	150.5	168.0	168.0	155.8	148.6	170.9	161.7	161.4	151.3	168.6	155.6	164.1	157.0	162.6	153.3	162.3	162.3	156.2	156.2
	0.0	75.5	75.5	217.0	217.0	137.9	53.6	251.0	142.5	204.2	85.1	224.5	71.1	235.7	151.5	153.1	44.6	213.9	213.9	78.6	78.6
80	48.0	160.0	160.0	156.4	156.4	155.9	161.5	154.2	161.3	151.5	159.4	155.9	166.1	149.5	155.0	160.7	167.8	150.9	150.9	165.6	165.6
	0.0	82.4	82.4	210.0	210.0	138.5	62.8	240.6	143.0	198.2	91.1	216.8	78.8	226.6	150.8	152.6	55.0	206.9	206.9	85.6	85.6
90	43.2	166.8	166.8	147.3	147.3	155.6	170.7	141.2	160.6	143.7	165.0	146.0	173.4	138.1	153.2	158.7	178.1	142.0	142.0	172.0	172.0
	0.0	89.4	89.4	203.1	203.1	139.2	72.0	230.2	143.6	192.2	97.1	209.0	86.6	217.4	150.1	152.0	65.4	199.9	199.9	92.5	92.5
100	39.8	174.6	174.6	137.8	137.8	155.7	181.2	127.5	160.3	135.6	171.6	135.5	181.9	126.1	151.6	157.1	190.0	132.7	132.7	179.7	179.7
	0.0	96.4	96.4	196.1	196.1	139.9	81.1	219.8	144.1	186.2	103.1	201.3	94.3	208.2	149.4	151.5	75.8	193.0	193.0	99.5	99.5
110	36.6	181.6	181.6	129.1	129.1	155.7	190.7	115.0	160.0	128.2	177.6	126.0	189.7	115.1	150.1	155.7	200.7	124.2	124.2	186.6	186.6
	0.0	103.3	103.3	189.1	189.1	140.6	90.3	209.4	144.6	180.2	109.1	193.6	102.0	199.0	148.7	150.9	86.2	186.0	186.0	106.5	106.5
120	33.6	188.0	188.0	121.2	121.2	155.7	199.3	103.7	159.7	121.4	183.0	117.4	196.7	105.1	148.7	154.3	210.4	116.4	116.4	192.8	192.8
	0.0	110.3	110.3	182.1	182.1	141.3	99.5	199.0	145.1	174.2	115.1	185.8	109.7	189.9	148.0	150.4	96.5	179.0	179.0	113.4	113.4

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450

Outrigger Load Chart

Ref.-Nr. 3 083 592

Main boom: 179.2 ft with 78.7 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 352 700 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
130	30.8	193.8	193.8	114.0	114.0	155.7	207.2	93.2	159.5	115.2	187.9	109.4	203.1	96.0	147.4	153.0	219.2	109.3	109.3	198.5	198.5
	0.0	117.2	117.2	175.2	175.2	141.9	108.6	188.6	145.7	168.2	121.1	178.1	117.4	180.7	147.3	149.9	106.9	172.0	172.0	120.4	120.4
140	28.0	198.7	198.7	107.7	107.7	155.6	213.7	84.3	159.1	109.9	192.0	102.5	208.4	88.1	146.2	151.8	226.6	103.2	103.2	203.2	203.2
	0.0	124.2	124.2	168.2	168.2	142.6	117.7	178.2	146.2	162.2	127.0	170.4	125.1	171.5	146.7	149.3	117.3	165.1	165.1	127.3	127.3
150	25.8	204.2	204.2	101.0	101.0	155.7	221.2	74.6	158.9	104.1	196.7	95.2	214.5	79.6	145.1	150.7	235.1	96.6	96.6	208.6	208.6
	0.0	131.1	131.1	161.2	161.2	143.3	126.9	167.9	146.7	156.3	133.0	162.7	132.8	162.4	146.0	148.8	127.6	158.1	158.1	134.2	134.2
160	24.2	210.8	210.8	93.6	93.6	156.1	230.0	63.8	159.0	97.8	202.4	87.0	221.7	70.1	144.1	149.7	245.0	89.3	89.3	215.2	215.2
	0.0	138.0	138.0	154.3	154.3	144.0	136.0	157.5	147.2	150.3	139.0	155.0	140.4	153.3	145.3	148.2	137.9	151.2	151.2	141.1	141.1
170	22.8	217.5	217.5	86.2	86.2	156.4	238.9	53.0	159.2	91.4	208.0	78.9	229.1	60.6	143.0	148.8	255.0	82.0	82.0	221.7	221.7
	0.0	144.9	144.9	147.4	147.4	144.6	145.0	147.2	147.7	144.3	144.9	147.3	148.1	144.2	144.6	147.7	148.2	144.3	144.3	148.0	148.0
180	21.4	223.7	223.7	79.3	79.3	156.7	247.1	42.9	159.3	85.5	213.3	71.3	235.9	51.7	142.1	147.9	264.3	75.2	75.2	227.8	227.8
	0.0	151.8	151.8	140.5	140.5	145.3	154.1	136.9	148.2	138.4	150.8	139.7	155.7	135.1	143.9	147.1	158.5	137.4	137.4	154.9	154.9
190	20.2	230.0	230.0	72.3	72.3	157.1	255.5	32.7	159.4	79.5	218.7	63.6	242.9	42.7	141.1	147.1	273.8	68.2	68.2	234.1	234.1
	0.0	158.7	158.7	133.6	133.6	146.0	163.2	126.6	148.8	132.4	156.7	132.0	163.3	126.0	143.2	146.6	168.7	130.5	130.5	161.8	161.8
200	19.2	236.7	236.7	65.2	65.2	157.5	264.4	22.1	159.6	73.3	224.4	55.7	250.2	33.4	140.2	146.2	283.8	61.1	61.1	240.7	240.7
	0.0	165.5	165.5	126.7	126.7	146.6	172.2	116.4	149.3	126.5	162.6	124.4	170.9	117.0	142.5	146.1	178.9	123.6	123.6	168.6	168.6
210	18.0	242.2	242.2	59.0	59.0	157.8	271.7	13.1	159.7	68.1	229.1	48.9	256.3	25.5	139.4	145.4	292.1	55.0	55.0	246.2	246.2
	0.0	172.4	172.4	119.8	119.8	147.3	181.1	106.2	149.8	120.6	168.5	116.8	178.5	108.0	141.8	145.5	189.1	116.7	116.7	175.4	175.4

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 179.2 ft with 78.7 ft Boom extension, 3 ° offset
Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 352 700 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
220	17.2	248.8	248.8	51.9	51.9	158.3	280.5	2.6	160.0	62.0	234.8	41.0	263.6	16.3	138.5	144.7	302.1	47.9	47.9	252.8	252.8
	0.0	179.1	179.1	113.0	113.0	147.9	190.1	96.0	150.3	114.7	174.3	109.3	186.0	99.0	141.1	145.0	199.2	109.9	109.9	182.2	182.2
230	16.4	255.2	255.2	45.1	45.1	151.3	296.4	0.0	152.9	56.1	240.3	33.5	270.6	7.4	137.6	143.9	311.6	41.2	41.2	259.1	259.1
	0.0	185.9	185.9	106.2	106.2	148.6	198.9	85.9	150.7	108.9	180.1	101.7	193.4	90.1	140.4	144.4	209.3	103.1	103.1	189.0	189.0

* Loads and Outrigger loads are shown in 1000 lbs

Outrigger base 28.7 x 29.2 ft

308 600 lbs (140 t) counterweight

Length of boom extension 39.4 ft

Offset of boom extension 3 °

Reference chart 85% (lbs / ft)

3 083 610

Length of boom extension 39.4 ft

Offset of boom extension 3 °

outrigger base 28.7 x 29.2 ft

308 600 lbs (140 t) counterweight

	Main boom - fixed length in ft		
	147.6	163.4	179.2
Tel. sec. I	0.88	0.88	0.88
Tel. sec. II	0.88	0.88	0.88
Tel. sec. III	0.88	0.88	0.88
Tel. sec. IV	0.00	0.44	0.88
Radius in feet	Lifting capacities in 1000 lbs		
40.0	120.0	114.0	
45.0	112.0	107.0	100.0
50.0	106.0	100.0	94.0
55.0	99.0	95.0	88.0
60.0	94.0	90.0	83.0
65.0	89.0	85.0	79.0
70.0	84.0	81.0	74.0
75.0	80.0	77.0	71.0
80.0	76.0	73.0	68.0
85.0	73.0	69.0	65.0
90.0	70.0	67.0	62.0
95.0	67.0	64.0	59.0
100.0	64.0	62.0	56.0
105.0	62.0	59.0	54.0
110.0	60.0	57.0	52.0
115.0	57.0	55.0	49.0
120.0	55.0	53.0	47.0
125.0	53.0	51.0	46.0
130.0	49.0	49.0	44.0
135.0	45.0	47.0	43.0
140.0	41.8	43.2	41.6
145.0	38.8	40.2	40.2
150.0	36.0	37.4	38.4
155.0	33.4	34.8	35.8
160.0	31.0	32.4	33.2
165.0	28.8	30.0	31.0

Reference chart 85% (lbs / ft)

3 083 610

Length of boom extension 39.4 ft

Offset of boom extension 3 °

outrigger base 28.7 x 29.2 ft

308 600 lbs (140 t) counterweight

	Main boom - fixed length in ft		
	147.6	163.4	179.2
Tel. sec. I	0.88	0.88	0.88
Tel. sec. II	0.88	0.88	0.88
Tel. sec. III	0.88	0.88	0.88
Tel. sec. IV	0.00	0.44	0.88
Radius in feet	Lifting capacities in 1000 lbs		
170.0	26.6	27.8	28.8
175.0		25.8	26.8
180.0		24.0	25.0
185.0			23.2
190.0			21.6
195.0			20.0

Main boom: 147.6 ft with 39.4 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.00

Counterweight: 308 600 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
40	120.0	172.2	172.2	157.6	157.6	162.5	175.5	152.4	169.2	152.3	170.7	156.5	180.2	147.4	160.4	167.5	184.3	150.8	150.8	179.0	179.0
	0.0	61.7	61.7	208.1	208.1	127.3	38.7	243.9	129.8	197.1	71.8	216.0	54.7	230.3	141.7	140.9	26.8	207.3	207.3	62.5	62.5
45	112.0	178.5	178.5	147.3	147.3	161.5	184.5	138.0	167.6	143.4	175.9	145.2	187.0	134.9	157.8	164.7	194.2	140.8	140.8	185.0	185.0
	0.0	65.7	65.7	204.2	204.2	127.7	43.9	237.9	130.1	193.7	75.3	211.6	59.1	225.0	141.3	140.6	32.7	203.3	203.3	66.5	66.5
50	106.0	185.7	185.7	137.1	137.1	161.0	194.3	123.7	166.6	134.8	181.9	134.2	194.8	122.3	155.6	162.4	205.3	131.0	131.0	191.8	191.8
	0.0	69.6	69.6	200.2	200.2	128.1	49.2	232.0	130.4	190.3	78.7	207.2	63.5	219.8	140.9	140.3	38.7	199.3	199.3	70.5	70.5
55	99.0	190.6	190.6	128.7	128.7	160.1	201.3	112.1	165.1	127.6	185.9	125.0	200.1	112.2	153.4	160.0	213.0	122.9	122.9	196.4	196.4
	0.0	73.6	73.6	196.2	196.2	128.5	54.4	226.1	130.7	186.9	82.1	202.8	67.9	214.6	140.5	140.0	44.6	195.3	195.3	74.4	74.4
60	94.0	196.8	196.8	119.9	119.9	159.7	209.8	99.7	164.3	120.1	191.1	115.5	206.9	101.4	151.5	158.0	222.6	114.4	114.4	202.4	202.4
	0.0	77.6	77.6	192.2	192.2	128.9	59.6	220.1	131.0	183.4	85.5	198.4	72.3	209.3	140.1	139.7	50.5	191.4	191.4	78.4	78.4
65	89.0	202.2	202.2	112.1	112.1	159.2	217.3	88.6	163.4	113.4	195.5	106.9	212.7	91.7	149.8	156.1	230.9	106.8	106.8	207.5	207.5
	0.0	81.5	81.5	188.2	188.2	129.2	64.9	214.2	131.3	180.0	88.9	193.9	76.7	204.1	139.7	139.3	56.4	187.4	187.4	82.4	82.4
70	84.0	206.7	206.7	105.1	105.1	158.6	223.5	78.9	162.5	107.4	199.3	99.3	217.5	83.2	148.1	154.3	237.9	100.0	100.0	211.8	211.8
	0.0	85.5	85.5	184.2	184.2	129.6	70.1	208.2	131.6	176.6	92.3	189.5	81.1	198.8	139.3	139.0	62.3	183.4	183.4	86.4	86.4
80	76.0	216.3	216.3	91.4	91.4	157.9	236.8	59.6	161.1	95.8	207.3	84.4	228.0	66.3	145.1	151.2	252.8	86.8	86.8	221.0	221.0
	0.0	93.5	93.5	176.3	176.3	130.4	80.5	196.4	132.1	169.7	99.2	180.7	89.9	188.4	138.5	138.4	74.2	175.4	175.4	94.3	94.3
90	70.0	226.7	226.7	78.0	78.0	157.7	250.9	40.4	160.4	84.3	216.0	69.7	239.3	49.5	142.6	148.7	268.6	73.6	73.6	231.1	231.1
	0.0	101.4	101.4	168.3	168.3	131.2	90.9	184.6	132.7	162.9	106.0	171.9	98.6	177.9	137.7	137.8	86.0	167.5	167.5	102.2	102.2

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450

Outrigger Load Chart

Ref.-Nr. 3 083 610

Main boom: 147.6 ft with 39.4 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.00

Counterweight: 308 600 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
100	64.0	235.0	235.0	66.7	66.7	157.3	262.2	24.4	159.4	74.6	223.0	57.3	248.4	35.4	140.3	146.3	281.3	62.6	62.6	239.0	239.0
	0.0	109.3	109.3	160.4	160.4	131.9	101.3	172.7	133.3	156.1	112.8	163.1	107.4	167.5	136.9	137.2	97.8	159.6	159.6	110.1	110.1
110	60.0	245.5	245.5	54.2	54.2	157.5	276.2	6.3	159.2	63.9	231.8	43.6	259.8	19.5	138.3	144.3	297.2	50.3	50.3	249.3	249.3
	0.0	117.1	117.1	152.5	152.5	132.7	111.7	160.9	133.9	149.2	119.6	154.3	116.1	157.1	136.1	136.5	109.5	151.7	151.7	118.0	118.0
120	55.0	252.2	252.2	44.9	44.9	150.3	292.3	0.0	151.5	56.0	237.5	33.5	267.2	8.0	136.3	142.3	307.5	41.3	41.3	255.8	255.8
	0.0	125.0	125.0	144.6	144.6	133.4	122.0	149.2	134.5	142.5	126.3	145.6	124.8	146.7	135.3	135.9	121.2	143.8	143.8	125.8	125.8
130	49.0	254.6	254.6	39.4	39.4	141.9	303.4	0.0	142.7	51.3	239.4	27.6	269.7	1.6	134.6	140.3	311.5	36.1	36.1	257.9	257.9
	0.0	132.8	132.8	136.7	136.7	134.2	132.3	137.5	135.0	135.7	133.0	136.9	133.4	136.4	134.5	135.3	132.9	135.9	135.9	133.6	133.6
140	41.8	251.8	251.8	38.6	38.6	139.9	300.3	0.0	140.4	50.7	236.7	26.9	266.4	1.6	133.1	138.4	307.7	35.7	35.7	254.7	254.7
	0.0	140.6	140.6	128.9	128.9	134.9	142.5	125.8	135.6	128.9	139.7	128.2	142.1	126.1	133.7	134.6	144.4	128.1	128.1	141.4	141.4
150	36.0	250.3	250.3	37.0	37.0	137.1	300.3	0.0	137.3	49.5	235.3	25.4	264.6	0.4	131.7	136.7	305.9	34.4	34.4	252.9	252.9
	0.0	148.3	148.3	121.1	121.1	135.7	152.7	114.2	136.2	122.2	146.3	119.6	150.6	115.9	132.9	134.0	156.0	120.3	120.3	149.1	149.1
160	31.0	249.2	249.2	35.6	35.6	134.5	300.6	0.0	134.4	48.3	234.1	23.9	263.2	0.0	129.7	134.5	305.3	33.2	33.2	251.5	251.5
	0.0	155.9	155.9	113.4	113.4	136.4	162.8	102.7	136.7	115.6	152.9	111.0	159.1	105.7	132.1	133.4	167.3	112.6	112.6	156.7	156.7
170	26.6	248.1	248.1	34.4	34.4	132.2	300.7	0.0	131.9	47.3	233.0	22.7	261.9	0.0	127.7	132.2	305.0	32.2	32.2	250.2	250.2
	0.0	163.4	163.4	105.7	105.7	137.1	172.7	91.4	137.2	109.0	159.4	102.5	167.4	95.7	131.3	132.7	178.6	104.9	104.9	164.2	164.2

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 163.4 ft with 39.4 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 308 600 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
40	114.0	165.6	165.6	161.3	161.3	160.7	167.3	158.6	167.1	155.5	164.8	160.7	172.7	153.0	159.6	166.3	174.8	154.7	154.7	172.1	172.1
	0.0	60.6	60.6	209.3	209.3	127.2	37.3	245.5	129.7	198.1	70.9	217.2	53.4	231.7	141.8	141.0	25.2	208.4	208.4	61.4	61.4
45	107.0	172.3	172.3	151.1	151.1	159.9	176.6	144.3	165.8	146.8	170.3	149.6	180.0	140.5	157.2	163.7	185.2	144.9	144.9	178.5	178.5
	0.0	64.4	64.4	205.4	205.4	127.6	42.3	239.8	130.0	194.8	74.2	213.0	57.7	226.7	141.4	140.7	30.9	204.6	204.6	65.3	65.3
50	100.0	177.7	177.7	142.1	142.1	159.0	184.3	131.9	164.4	139.1	174.8	139.8	185.9	129.7	154.9	161.3	193.8	136.2	136.2	183.6	183.6
	0.0	68.3	68.3	201.6	201.6	128.0	47.4	234.0	130.3	191.5	77.5	208.7	62.0	221.6	141.0	140.4	36.6	200.7	200.7	69.1	69.1
55	95.0	184.4	184.4	132.9	132.9	158.7	193.4	118.9	163.6	131.3	180.4	129.9	193.1	118.3	153.0	159.3	204.0	127.3	127.3	190.0	190.0
	0.0	72.1	72.1	197.7	197.7	128.3	52.4	228.3	130.6	188.2	80.8	204.4	66.2	216.5	140.6	140.1	42.4	196.9	196.9	73.0	73.0
60	90.0	190.1	190.1	124.7	124.7	158.2	201.3	107.3	162.8	124.2	185.2	120.8	199.3	108.1	151.2	157.4	212.9	119.3	119.3	195.5	195.5
	0.0	76.0	76.0	193.8	193.8	128.7	57.5	222.6	130.9	184.8	84.1	200.2	70.5	211.5	140.3	139.8	48.1	193.0	193.0	76.8	76.8
65	85.0	195.0	195.0	117.3	117.3	157.7	208.1	96.9	161.9	117.9	189.2	112.8	204.6	99.1	149.5	155.5	220.5	112.2	112.2	200.1	200.1
	0.0	79.8	79.8	190.0	190.0	129.1	62.5	216.8	131.1	181.5	87.4	195.9	74.7	206.4	139.9	139.5	53.8	189.2	189.2	80.6	80.6
70	81.0	200.5	200.5	109.8	109.8	157.4	215.6	86.3	161.3	111.6	193.8	104.6	210.6	89.8	148.0	153.9	228.9	104.9	104.9	205.4	205.4
	0.0	83.6	83.6	186.2	186.2	129.5	67.6	211.1	131.4	178.2	90.7	191.6	79.0	201.4	139.5	139.2	59.5	185.3	185.3	84.5	84.5
80	73.0	209.3	209.3	96.9	96.9	156.6	227.8	68.3	159.9	100.6	201.2	90.6	220.1	74.0	145.1	150.9	242.5	92.4	92.4	213.8	213.8
	0.0	91.3	91.3	178.5	178.5	130.2	77.7	199.6	132.0	171.6	97.3	183.1	87.5	191.2	138.7	138.6	71.0	177.6	177.6	92.1	92.1
90	67.0	218.9	218.9	84.3	84.3	156.4	240.9	50.2	159.0	89.8	209.3	76.8	230.7	58.2	142.7	148.4	257.2	80.1	80.1	223.1	223.1
	0.0	99.0	99.0	170.8	170.8	131.0	87.8	188.2	132.6	165.0	103.9	174.6	96.0	181.1	138.0	138.0	82.4	169.9	169.9	99.8	99.8

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450
Outrigger Load Chart
Ref.-Nr. 3 083 610
Main boom: 163.4 ft with 39.4 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 308 600 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
100	62.0	228.4	228.4	72.3	72.3	156.3	253.7	33.0	158.4	79.5	217.3	63.6	241.0	43.1	140.5	146.2	271.7	68.3	68.3	232.4	232.4
	0.0	106.6	106.6	163.1	163.1	131.7	97.9	176.7	133.1	158.4	110.5	166.1	104.5	171.0	137.2	137.4	93.8	162.3	162.3	107.5	107.5
110	57.0	236.2	236.2	62.0	62.0	156.0	264.2	18.4	157.7	70.7	223.8	52.4	249.5	30.3	138.5	144.1	283.5	58.3	58.3	239.9	239.9
	0.0	114.3	114.3	155.4	155.4	132.4	107.9	165.3	133.7	151.8	117.1	157.6	112.9	161.0	136.4	136.8	105.2	154.6	154.6	115.1	115.1
120	53.0	244.4	244.4	51.7	51.7	156.0	275.4	3.6	157.3	61.9	230.8	41.1	258.5	17.3	136.6	142.3	296.1	48.2	48.2	247.9	247.9
	0.0	121.9	121.9	147.8	147.8	133.2	117.9	153.9	134.3	145.2	123.6	149.1	121.4	150.9	135.6	136.2	116.6	146.9	146.9	122.7	122.7
130	49.0	251.3	251.3	42.8	42.8	146.7	293.9	0.0	147.6	54.3	236.5	31.3	266.0	6.1	135.0	140.6	306.6	39.5	39.5	254.6	254.6
	0.0	129.5	129.5	140.1	140.1	133.9	127.9	142.5	134.8	138.6	130.2	140.7	129.8	140.9	134.9	135.6	127.9	139.3	139.3	130.3	130.3
140	43.2	252.0	252.0	39.2	39.2	141.0	299.8	0.0	141.6	51.3	236.9	27.5	266.6	2.2	133.4	138.8	307.9	36.2	36.2	255.0	255.0
	0.0	137.0	137.0	132.5	132.5	134.6	137.9	131.2	135.4	132.1	136.7	132.2	138.1	130.9	134.1	135.0	139.2	131.7	131.7	137.9	137.9
150	37.4	250.6	250.6	37.6	37.6	138.1	299.9	0.0	138.4	50.0	235.5	26.0	264.9	0.9	132.1	137.2	306.2	34.9	34.9	253.3	253.3
	0.0	144.6	144.6	124.9	124.9	135.4	147.8	119.9	135.9	125.6	143.1	123.8	146.5	120.9	133.3	134.4	150.4	124.1	124.1	145.4	145.4
160	32.4	249.5	249.5	36.1	36.1	135.4	300.4	0.0	135.5	48.7	234.5	24.5	263.6	0.0	130.6	135.4	305.3	33.7	33.7	252.0	252.0
	0.0	152.1	152.1	117.4	117.4	136.1	157.6	108.7	136.5	119.1	149.6	115.5	154.8	111.0	132.6	133.8	161.6	116.6	116.6	152.9	152.9
170	27.8	247.9	247.9	35.3	35.3	133.8	299.2	0.0	133.6	48.1	233.0	23.7	261.8	0.0	129.2	133.8	303.6	33.1	33.1	250.1	250.1
	0.0	159.5	159.5	109.9	109.9	136.8	167.4	97.5	137.0	112.6	156.0	107.2	163.0	101.1	131.8	133.2	172.6	109.1	109.1	160.3	160.3
180	24.0	247.4	247.4	33.9	33.9	131.3	300.3	0.0	130.9	46.9	232.3	22.3	261.0	0.0	126.9	131.3	304.3	31.9	31.9	249.4	249.4
	0.0	166.8	166.8	102.5	102.5	137.5	177.1	86.5	137.5	106.2	162.3	98.9	171.1	91.4	131.0	132.5	183.6	101.7	101.7	167.6	167.6

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 179.2 ft with 39.4 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 308 600 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
45	100.0	164.5	164.5	155.5	155.5	157.8	166.8	151.9	163.5	150.7	163.5	154.7	171.2	147.3	156.3	162.4	174.0	149.6	149.6	170.4	170.4
	0.0	63.7	63.7	206.3	206.3	127.6	41.4	241.1	130.0	195.6	73.6	214.0	56.9	227.8	141.6	140.9	29.8	205.4	205.4	64.6	64.6
50	94.0	170.4	170.4	146.6	146.6	157.2	175.0	139.4	162.4	143.1	168.3	145.0	177.5	136.4	154.3	160.2	183.2	141.0	141.0	176.0	176.0
	0.0	67.5	67.5	202.5	202.5	128.0	46.3	235.5	130.3	192.3	76.8	209.8	61.1	222.9	141.2	140.6	35.4	201.7	201.7	68.3	68.3
55	88.0	175.2	175.2	138.8	138.8	156.4	181.8	128.5	161.2	136.4	172.3	136.5	182.8	126.9	152.3	158.0	190.7	133.5	133.5	180.5	180.5
	0.0	71.2	71.2	198.8	198.8	128.3	51.2	229.9	130.6	189.1	80.1	205.6	65.2	217.9	140.8	140.3	41.0	197.9	197.9	72.1	72.1
60	83.0	180.3	180.3	131.2	131.2	155.9	188.8	117.9	160.3	130.0	176.5	128.3	188.2	117.6	150.6	156.2	198.6	126.2	126.2	185.3	185.3
	0.0	75.0	75.0	195.0	195.0	128.7	56.2	224.2	130.9	185.8	83.3	201.5	69.4	213.0	140.4	140.0	46.6	194.2	194.2	75.8	75.8
65	79.0	185.8	185.8	123.6	123.6	155.6	196.4	107.2	159.7	123.5	181.2	120.0	194.3	108.2	149.0	154.6	207.1	118.8	118.8	190.7	190.7
	0.0	78.7	78.7	191.3	191.3	129.1	61.1	218.6	131.2	182.6	86.5	197.3	73.6	208.0	140.1	139.7	52.2	190.4	190.4	79.6	79.6
70	74.0	189.3	189.3	117.7	117.7	155.0	201.3	99.1	158.7	118.5	183.9	113.6	197.9	101.1	147.4	152.9	212.5	113.2	113.2	193.8	193.8
	0.0	82.5	82.5	187.5	187.5	129.4	66.1	213.0	131.4	179.4	89.8	193.1	77.7	203.1	139.7	139.4	57.8	186.6	186.6	83.4	83.4
80	68.0	199.9	199.9	104.0	104.0	154.8	215.7	79.5	157.9	106.8	192.9	98.6	209.6	84.0	144.9	150.3	228.8	99.8	99.8	204.2	204.2
	0.0	90.0	90.0	180.0	180.0	130.2	75.9	201.8	132.0	172.9	96.2	184.8	86.0	193.2	138.9	138.8	69.0	179.1	179.1	90.8	90.8
90	62.0	208.5	208.5	92.4	92.4	154.4	227.4	63.0	157.0	96.8	200.1	86.0	219.0	69.5	142.6	147.9	241.9	88.5	88.5	212.5	212.5
	0.0	97.5	97.5	172.5	172.5	130.9	85.8	190.6	132.6	166.4	102.7	176.5	94.3	183.3	138.2	138.2	80.2	171.6	171.6	98.3	98.3
100	56.0	215.0	215.0	82.9	82.9	153.8	236.4	49.7	156.0	88.7	205.5	75.6	226.0	57.9	140.4	145.6	251.9	79.3	79.3	218.6	218.6
	0.0	105.0	105.0	165.0	165.0	131.6	95.6	179.5	133.1	160.0	109.1	168.2	102.6	173.4	137.4	137.6	91.3	164.1	164.1	105.8	105.8

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450

Outrigger Load Chart

Ref.-Nr. 3 083 610

Main boom: 179.2 ft with 39.4 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 308 600 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
110	52.0	223.6	223.6	72.3	72.3	153.8	248.0	34.3	155.6	79.6	212.8	63.9	235.4	44.4	138.6	143.8	265.1	68.8	68.8	227.1	227.1
	0.0	112.4	112.4	157.5	157.5	132.3	105.4	168.3	133.7	153.5	115.5	159.9	110.9	163.6	136.7	137.1	102.4	156.6	156.6	113.3	113.3
120	47.0	228.5	228.5	64.8	64.8	153.3	254.9	23.9	154.7	73.2	216.9	55.8	240.8	35.3	136.8	141.9	272.7	61.6	61.6	231.8	231.8
	0.0	119.9	119.9	150.0	150.0	133.1	115.2	157.2	134.2	147.1	121.9	151.6	119.1	153.8	135.9	136.5	113.5	149.2	149.2	120.7	120.7
130	44.0	236.7	236.7	55.1	55.1	153.5	265.8	9.9	154.5	65.0	223.8	45.2	249.7	23.0	135.3	140.4	285.0	52.1	52.1	239.7	239.7
	0.0	127.3	127.3	142.5	142.5	133.8	125.0	146.1	134.8	140.7	128.3	143.3	127.3	144.0	135.2	135.9	124.6	141.7	141.7	128.1	128.1
140	41.6	245.3	245.3	45.2	45.2	149.3	281.9	0.0	149.9	56.5	231.2	34.3	259.2	10.3	133.8	139.0	298.1	42.3	42.3	248.3	248.3
	0.0	134.7	134.7	135.1	135.1	134.5	134.7	135.0	135.3	134.3	134.6	135.1	135.5	134.2	134.5	135.3	135.6	134.3	134.3	135.5	135.5
150	38.4	250.9	250.9	38.1	38.1	138.9	299.7	0.0	139.3	50.3	235.8	26.4	265.3	1.3	132.5	137.6	306.5	35.3	35.3	253.6	253.6
	0.0	142.0	142.0	127.7	127.7	135.2	144.4	124.0	135.9	127.9	141.0	126.9	143.7	124.5	133.7	134.7	146.6	126.9	126.9	142.9	142.9
160	33.2	249.2	249.2	37.1	37.1	136.9	298.7	0.0	137.0	49.5	234.2	25.5	263.3	0.7	131.3	136.2	304.4	34.6	34.6	251.7	251.7
	0.0	149.3	149.3	120.3	120.3	135.9	154.0	113.0	136.4	121.6	147.3	118.7	151.8	114.8	133.0	134.1	157.5	119.5	119.5	150.2	150.2
170	28.8	248.3	248.3	35.8	35.8	134.6	299.1	0.0	134.4	48.5	233.3	24.2	262.1	0.0	129.9	134.6	303.6	33.5	33.5	250.5	250.5
	0.0	156.6	156.6	113.0	113.0	136.6	163.6	102.1	136.9	115.3	153.5	110.6	159.8	105.2	132.2	133.5	168.3	112.2	112.2	157.4	157.4
180	25.0	247.7	247.7	34.3	34.3	132.1	300.2	0.0	131.8	47.3	232.7	22.7	261.4	0.0	127.6	132.1	304.4	32.3	32.3	249.8	249.8
	0.0	163.8	163.8	105.7	105.7	137.3	173.1	91.3	137.4	109.0	159.7	102.6	167.8	95.6	131.5	132.9	179.1	104.9	104.9	164.6	164.6
190	21.6	247.2	247.2	33.1	33.1	129.9	301.2	0.0	129.4	46.3	232.1	21.4	260.7	0.0	125.7	129.9	304.9	31.2	31.2	249.1	249.1
	0.0	170.9	170.9	98.5	98.5	137.9	182.5	80.6	137.9	102.8	165.8	94.6	175.7	86.2	130.7	132.3	189.7	97.7	97.7	171.7	171.7

* Loads and Outrigger loads are shown in 1000 lbs

Outrigger base 28.7 x 29.2 ft

308 600 lbs (140 t) counterweight

Length of boom extension 59.1 ft

Offset of boom extension 3 °

Reference chart 85% (lbs / ft)

3 083 611

Length of boom extension 59.1 ft

Offset of boom extension 3 °

outrigger base 28.7 x 29.2 ft

308 600 lbs (140 t) counterweight

	Main boom - fixed length in ft		
	147.6	163.4	179.2
Tel. sec. I	0.88	0.88	0.88
Tel. sec. II	0.88	0.88	0.88
Tel. sec. III	0.88	0.88	0.88
Tel. sec. IV	0.00	0.44	0.88
Radius in feet	Lifting capacities in 1000 lbs		
40.0	90.0		
45.0	86.0	86.0	
50.0	82.0	81.0	78.0
55.0	77.0	77.0	74.0
60.0	74.0	73.0	69.0
65.0	70.0	69.0	65.0
70.0	66.0	65.0	62.0
75.0	63.0	62.0	58.0
80.0	59.0	59.0	55.0
85.0	56.0	56.0	52.0
90.0	54.0	53.0	50.0
95.0	52.0	51.0	48.0
100.0	50.0	49.0	46.0
105.0	47.0	47.0	43.8
110.0	45.0	45.0	42.2
115.0	43.8	43.4	40.8
120.0	42.4	41.8	39.4
125.0	41.0	40.2	37.8
130.0	39.4	39.0	36.4
135.0	38.0	37.8	35.0
140.0	36.8	36.6	33.8
145.0	35.6	35.4	32.4
150.0	34.6	34.2	31.2
155.0	33.6	33.2	29.8
160.0	32.6	32.4	28.6
165.0	31.0	31.4	27.4

Reference chart 85% (lbs / ft)

3 083 611

Length of boom extension 59.1 ft

Offset of boom extension 3 °

outrigger base 28.7 x 29.2 ft

308 600 lbs (140 t) counterweight

	Main boom - fixed length in ft		
	147.6	163.4	179.2
Tel. sec. I	0.88	0.88	0.88
Tel. sec. II	0.88	0.88	0.88
Tel. sec. III	0.88	0.88	0.88
Tel. sec. IV	0.00	0.44	0.88
Radius in feet	Lifting capacities in 1000 lbs		
170.0	28.8	29.6	26.6
175.0	26.8	27.6	26.0
180.0	25.0	25.8	25.2
185.0		24.0	24.6
190.0		22.2	23.0
195.0		20.8	21.4
200.0		19.2	19.8
205.0			18.4
210.0			17.2
215.0			15.8

Main boom: 147.6 ft with 59.1 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.00

Counterweight: 308 600 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
40	90.0	142.6	142.6	173.0	173.0	153.9	138.6	179.2	159.6	165.9	144.3	174.4	146.7	171.5	156.3	161.5	141.9	167.6	167.6	148.0	148.0
	0.0	59.7	59.7	210.9	210.9	127.4	36.0	247.8	130.0	199.5	70.2	219.0	52.5	233.7	142.3	141.5	23.8	210.0	210.0	60.6	60.6
45	86.0	150.1	150.1	163.5	163.5	153.8	148.9	165.5	159.1	157.7	150.7	163.9	154.9	159.5	154.6	159.7	153.4	158.2	158.2	155.4	155.4
	0.0	63.5	63.5	207.1	207.1	127.8	40.9	242.2	130.3	196.3	73.4	214.9	56.7	228.7	141.9	141.2	29.4	206.2	206.2	64.4	64.4
50	82.0	157.0	157.0	154.6	154.6	153.6	158.2	152.8	158.6	150.1	156.5	154.2	162.4	148.4	152.9	158.0	163.9	149.6	149.6	162.0	162.0
	0.0	67.2	67.2	203.4	203.4	128.2	45.9	236.5	130.6	193.0	76.7	210.7	60.8	223.8	141.5	140.9	35.0	202.4	202.4	68.2	68.2
55	77.0	162.0	162.0	147.1	147.1	153.1	165.1	142.3	157.7	143.7	160.6	146.0	167.8	139.2	151.2	156.2	171.6	142.3	142.3	166.8	166.8
	0.0	71.0	71.0	199.6	199.6	128.5	50.9	230.9	130.9	189.8	79.9	206.5	65.0	218.8	141.1	140.6	40.6	198.7	198.7	71.9	71.9
60	74.0	168.6	168.6	138.9	138.9	153.2	174.1	130.5	157.4	136.7	166.3	137.1	175.1	128.9	149.8	154.8	181.7	134.3	134.3	173.3	173.3
	0.0	74.8	74.8	195.8	195.8	128.9	55.8	225.3	131.2	186.5	83.1	202.3	69.2	213.9	140.8	140.3	46.2	194.9	194.9	75.7	75.7
65	70.0	173.4	173.4	132.2	132.2	152.8	180.6	120.9	156.8	130.9	170.2	129.7	180.3	120.5	148.3	153.3	189.1	127.7	127.7	177.9	177.9
	0.0	78.5	78.5	192.1	192.1	129.3	60.8	219.7	131.4	183.3	86.4	198.1	73.4	208.9	140.4	140.1	51.8	191.1	191.1	79.4	79.4
70	66.0	177.5	177.5	126.1	126.1	152.4	186.3	112.4	156.0	125.7	173.6	123.1	184.8	113.0	146.9	151.8	195.4	121.8	121.8	181.7	181.7
	0.0	82.3	82.3	188.3	188.3	129.6	65.7	214.1	131.7	180.0	89.6	194.0	77.5	203.9	140.0	139.8	57.4	187.4	187.4	83.2	83.2
80	59.0	185.2	185.2	114.9	114.9	151.8	196.9	96.6	154.8	116.2	180.0	110.8	193.1	99.3	144.4	149.1	207.3	111.0	111.0	189.1	189.1
	0.0	89.8	89.8	180.7	180.7	130.4	75.6	202.8	132.3	173.5	96.1	185.6	85.9	194.0	139.3	139.2	68.7	179.8	179.8	90.7	90.7
90	54.0	194.0	194.0	103.5	103.5	151.6	208.9	80.4	154.2	106.4	187.5	98.4	202.8	85.0	142.3	147.0	220.8	99.9	99.9	197.7	197.7
	0.0	97.3	97.3	173.2	173.2	131.1	85.5	191.6	132.9	167.1	102.6	177.2	94.2	184.1	138.5	138.6	79.9	172.3	172.3	98.3	98.3

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450
Outrigger Load Chart
Ref.-Nr. 3 083 611
Main boom: 147.6 ft with 59.1 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.00

Counterweight: 308 600 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
100	50.0	203.1	203.1	92.4	92.4	151.7	221.1	64.4	153.8	97.0	195.1	86.3	212.7	71.0	140.4	145.1	234.5	89.0	89.0	206.5	206.5
	0.0	104.9	104.9	165.7	165.7	131.8	95.4	180.3	133.4	160.6	109.0	168.9	102.5	174.2	137.8	138.0	91.1	164.7	164.7	105.8	105.8
110	45.0	208.6	208.6	84.4	84.4	151.2	228.7	53.1	153.0	90.1	199.7	77.5	218.7	61.1	138.6	143.2	243.0	81.2	81.2	211.8	211.8
	0.0	112.4	112.4	158.1	158.1	132.6	105.3	169.1	134.0	154.1	115.5	160.5	110.9	164.3	137.0	137.4	102.3	157.2	157.2	113.3	113.3
120	42.4	217.9	217.9	73.7	73.7	151.6	241.2	37.6	153.0	81.0	207.7	65.8	228.9	47.5	137.1	141.7	257.1	70.7	70.7	221.0	221.0
	0.0	119.9	119.9	150.6	150.6	133.3	115.2	157.9	134.5	147.6	122.0	152.2	119.2	154.4	136.3	136.8	113.5	149.7	149.7	120.8	120.8
130	39.4	225.3	225.3	64.8	64.8	151.7	251.1	24.7	152.8	73.3	213.9	56.0	237.0	36.1	135.6	140.3	268.3	61.9	61.9	228.2	228.2
	0.0	127.4	127.4	143.1	143.1	134.0	125.0	146.7	135.1	141.1	128.4	143.9	127.5	144.5	135.5	136.2	124.6	142.2	142.2	128.3	128.3
140	36.8	232.7	232.7	56.1	56.1	151.9	261.1	12.0	152.6	65.8	220.2	46.4	245.2	25.0	134.2	138.9	279.5	53.3	53.3	235.5	235.5
	0.0	134.8	134.8	135.6	135.6	134.8	134.9	135.5	135.7	134.7	134.8	135.6	135.7	134.6	134.7	135.6	135.8	134.7	134.7	135.7	135.7
150	34.6	240.4	240.4	47.3	47.3	151.5	271.9	0.0	151.9	58.3	226.7	36.7	253.6	13.8	132.9	137.7	291.0	44.7	44.7	243.0	243.0
	0.0	142.3	142.3	128.1	128.1	135.5	144.7	124.4	136.2	128.2	141.2	127.3	144.0	124.8	134.0	135.1	146.9	127.2	127.2	143.2	143.2
160	32.6	247.8	247.8	38.8	38.8	139.4	294.2	0.0	139.6	51.0	233.0	27.4	261.7	2.9	131.6	136.5	302.2	36.3	36.3	250.3	250.3
	0.0	149.7	149.7	120.6	120.6	136.2	154.4	113.2	136.8	121.8	147.6	119.0	152.2	115.0	133.2	134.5	158.0	119.7	119.7	150.6	150.6
170	28.8	248.8	248.8	35.9	35.9	134.9	299.6	0.0	134.8	48.6	233.7	24.3	262.7	0.0	130.2	134.9	304.3	33.6	33.6	251.1	251.1
	0.0	157.1	157.1	113.1	113.1	136.9	164.2	102.1	137.3	115.4	154.0	110.7	160.4	105.2	132.5	133.9	169.0	112.3	112.3	158.0	158.0
180	25.0	248.4	248.4	34.3	34.3	132.2	301.2	0.0	132.0	47.3	233.3	22.6	262.2	0.0	127.7	132.2	305.5	32.2	32.2	250.5	250.5
	0.0	164.5	164.5	105.7	105.7	137.6	173.9	91.1	137.8	109.0	160.3	102.5	168.6	95.4	131.7	133.3	180.0	104.8	104.8	165.3	165.3

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 147.6 ft with 59.1 ft Boom extension, 3 ° offset
Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.00

Counterweight: 308 600 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
190	21.4	247.3	247.3	33.5	33.5	130.6	300.8	0.0	130.2	46.6	232.3	21.8	260.9	0.0	126.3	130.6	304.7	31.5	31.5	249.3	249.3
	0.0	171.8	171.8	98.3	98.3	138.3	183.5	80.1	138.3	102.6	166.6	94.3	176.6	85.7	130.9	132.6	190.9	97.5	97.5	172.6	172.6

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 163.4 ft with 59.1 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 308 600 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
45	86.0	149.5	149.5	164.2	164.2	153.8	148.1	166.6	159.2	158.3	150.2	164.7	154.3	160.5	154.7	159.9	152.5	159.0	159.0	154.8	154.8
	0.0	62.9	62.9	207.9	207.9	127.8	40.1	243.3	130.4	196.9	72.9	215.7	56.0	229.7	142.0	141.4	28.5	207.0	207.0	63.8	63.8
50	81.0	155.2	155.2	156.0	156.0	153.3	155.9	155.0	158.3	151.3	155.0	155.8	160.5	150.4	152.9	158.0	161.3	151.0	151.0	160.3	160.3
	0.0	66.6	66.6	204.2	204.2	128.2	45.0	237.7	130.6	193.7	76.1	211.6	60.1	224.8	141.7	141.1	34.0	203.3	203.3	67.5	67.5
55	77.0	161.3	161.3	148.0	148.0	153.1	164.1	143.6	157.7	144.5	160.0	147.0	167.0	140.4	151.3	156.4	170.5	143.2	143.2	166.1	166.1
	0.0	70.3	70.3	200.5	200.5	128.5	49.9	232.2	130.9	190.5	79.3	207.5	64.2	220.0	141.3	140.8	39.5	199.6	199.6	71.2	71.2
60	73.0	166.6	166.6	140.7	140.7	152.8	171.4	133.2	157.1	138.2	164.4	139.0	172.8	131.3	149.8	154.8	178.7	136.1	136.1	171.2	171.2
	0.0	74.0	74.0	196.8	196.8	128.9	54.7	226.7	131.2	187.4	82.5	203.4	68.3	215.1	140.9	140.5	45.0	195.9	195.9	74.9	74.9
65	69.0	171.2	171.2	134.1	134.1	152.5	177.7	123.9	156.4	132.6	168.3	131.8	177.8	123.1	148.4	153.2	185.8	129.7	129.7	175.6	175.6
	0.0	77.7	77.7	193.1	193.1	129.3	59.6	221.2	131.5	184.2	85.6	199.3	72.4	210.2	140.6	140.2	50.5	192.2	192.2	78.6	78.6
70	65.0	175.1	175.1	128.1	128.1	152.1	183.2	115.6	155.7	127.5	171.5	125.4	182.1	115.9	147.0	151.8	191.9	123.9	123.9	179.3	179.3
	0.0	81.3	81.3	189.4	189.4	129.6	64.4	215.7	131.8	181.0	88.8	195.2	76.5	205.4	140.2	139.9	56.0	188.5	188.5	82.3	82.3
80	59.0	184.1	184.1	116.1	116.1	151.7	195.4	98.5	154.8	117.2	179.1	112.2	191.9	100.9	144.6	149.3	205.6	112.2	112.2	188.0	188.0
	0.0	88.7	88.7	182.0	182.0	130.3	74.2	204.7	132.3	174.6	95.2	187.0	84.7	195.6	139.5	139.4	67.0	181.1	181.1	89.7	89.7
90	53.0	191.0	191.0	106.2	106.2	151.2	205.0	84.5	153.8	108.8	184.8	101.4	199.4	88.7	142.5	147.0	216.3	102.6	102.6	194.6	194.6
	0.0	96.1	96.1	174.6	174.6	131.1	83.9	193.7	132.9	168.3	101.5	178.8	92.8	185.9	138.7	138.8	78.0	173.7	173.7	97.0	97.0
100	49.0	199.7	199.7	95.5	95.5	151.2	216.7	69.1	153.4	99.6	192.2	89.6	208.9	75.1	140.6	145.2	229.5	92.1	92.1	203.1	203.1
	0.0	103.5	103.5	167.2	167.2	131.8	93.6	182.6	133.4	161.9	107.9	170.6	101.0	176.2	138.0	138.2	89.0	166.3	166.3	104.4	104.4

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450
Outrigger Load Chart
Ref.-Nr. 3 083 611
Main boom: 163.4 ft with 59.1 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 308 600 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
110	45.0	207.1	207.1	86.1	86.1	151.1	226.7	55.7	152.9	91.6	198.4	79.4	217.0	63.3	138.9	143.4	240.7	82.9	82.9	210.3	210.3
	0.0	110.8	110.8	159.8	159.8	132.5	103.2	171.6	134.0	155.6	114.2	162.4	109.2	166.5	137.2	137.6	100.0	158.9	158.9	111.8	111.8
120	41.8	214.8	214.8	76.7	76.7	151.2	237.1	42.1	152.7	83.5	205.0	69.1	225.5	51.4	137.3	141.9	252.5	73.7	73.7	217.9	217.9
	0.0	118.2	118.2	152.5	152.5	133.2	112.9	160.7	134.5	149.2	120.5	154.3	117.3	156.8	136.5	137.1	110.9	151.5	151.5	119.1	119.1
130	39.0	222.5	222.5	67.6	67.6	151.4	247.4	28.9	152.5	75.8	211.5	59.1	233.9	39.9	135.8	140.5	264.1	64.8	64.8	225.4	225.4
	0.0	125.5	125.5	145.1	145.1	133.9	122.6	149.7	135.1	142.9	126.8	146.1	125.4	147.1	135.8	136.5	121.9	144.2	144.2	126.4	126.4
140	36.6	230.2	230.2	58.7	58.7	151.7	257.7	15.9	152.5	68.1	218.1	49.3	242.4	28.4	134.5	139.2	275.7	55.9	55.9	233.0	233.0
	0.0	132.8	132.8	137.8	137.8	134.6	132.2	138.7	135.6	136.6	133.1	138.0	133.5	137.5	135.0	135.9	132.8	136.8	136.8	133.8	133.8
150	34.2	237.1	237.1	50.6	50.6	151.8	266.9	4.2	152.4	61.1	223.9	40.4	249.9	18.1	133.2	137.9	286.1	48.0	48.0	239.7	239.7
	0.0	140.1	140.1	130.4	130.4	135.3	141.8	127.8	136.1	130.3	139.4	129.9	141.6	127.8	134.3	135.3	143.7	129.5	129.5	141.1	141.1
160	32.4	244.9	244.9	41.8	41.8	143.6	285.9	0.0	143.9	53.6	230.5	30.7	258.5	6.9	131.9	136.8	297.9	39.3	39.3	247.4	247.4
	0.0	147.4	147.4	123.1	123.1	136.0	151.4	116.9	136.7	124.0	145.7	121.8	149.7	118.2	133.6	134.8	154.5	122.2	122.2	148.3	148.3
170	29.6	248.9	248.9	36.4	36.4	135.8	299.0	0.0	135.8	49.0	233.9	24.8	262.9	0.1	130.8	135.6	303.9	34.0	34.0	251.2	251.2
	0.0	154.7	154.7	115.8	115.8	136.7	160.9	106.1	137.2	117.7	151.9	113.7	157.7	108.6	132.8	134.2	165.3	114.9	114.9	155.6	155.6
180	25.8	248.5	248.5	34.9	34.9	133.1	300.6	0.0	132.9	47.7	233.4	23.2	262.3	0.0	128.5	133.1	305.0	32.7	32.7	250.7	250.7
	0.0	161.9	161.9	108.6	108.6	137.4	170.4	95.3	137.7	111.4	158.1	105.6	165.7	99.1	132.1	133.6	176.1	107.7	107.7	162.8	162.8
190	22.2	247.4	247.4	34.1	34.1	131.6	300.1	0.0	131.2	47.1	232.4	22.4	261.0	0.0	127.2	131.6	304.2	32.1	32.1	249.4	249.4
	0.0	169.0	169.0	101.3	101.3	138.1	179.8	84.5	138.2	105.2	164.2	97.6	173.6	89.6	131.3	133.0	186.7	100.4	100.4	169.9	169.9

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 163.4 ft with 59.1 ft Boom extension, 3 ° offset
Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 308 600 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
200	19.2	247.2	247.2	32.6	32.6	129.2	301.8	0.0	128.7	45.9	232.1	20.9	260.8	0.0	125.0	129.2	305.6	30.8	30.8	249.1	249.1
	0.0	176.1	176.1	94.2	94.2	138.8	189.2	73.8	138.7	99.1	170.3	89.7	181.5	80.2	130.6	132.4	197.3	93.3	93.3	177.0	177.0

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 179.2 ft with 59.1 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 308 600 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
50	78.0 0.0	151.4 66.0	151.4 66.0	158.5 204.9	158.5 204.9	152.4 128.2	151.1 44.3	159.1 238.8	157.3 130.7	153.5 194.3	151.6 75.7	158.6 212.4	156.2 59.5	154.0 225.7	152.6 141.8	157.5 141.2	155.8 33.2	153.7 204.0	153.7 204.0	156.3 67.0	156.3 67.0
55	74.0 0.0	157.1 69.7	157.1 69.7	150.8 201.3	150.8 201.3	152.2 128.6	158.8 49.1	148.1 233.3	156.7 131.0	146.9 191.2	156.4 78.8	150.2 208.3	162.4 63.6	144.4 220.9	151.1 141.4	155.9 140.9	164.5 38.6	146.2 200.3	146.2 200.3	161.8 70.6	161.8 70.6
60	69.0 0.0	160.8 73.3	160.8 73.3	144.6 197.6	144.6 197.6	151.5 128.9	164.1 53.8	139.5 227.9	155.7 131.2	141.6 188.1	159.4 81.9	143.5 204.3	166.4 67.6	136.9 216.2	149.5 141.1	154.1 140.7	170.3 44.0	140.2 196.7	140.2 196.7	165.3 74.3	165.3 74.3
65	65.0 0.0	165.1 76.9	165.1 76.9	138.4 194.0	138.4 194.0	151.1 129.3	169.9 58.6	130.8 222.5	155.0 131.5	136.3 184.9	162.9 85.0	136.7 200.3	170.9 71.6	129.3 211.4	148.1 140.7	152.6 140.4	176.9 49.4	134.2 193.0	134.2 193.0	169.3 77.9	169.3 77.9
70	62.0 0.0	170.0 80.6	170.0 80.6	131.9 190.4	131.9 190.4	151.0 129.6	176.7 63.4	121.6 217.1	154.6 131.8	130.8 181.8	167.1 88.2	129.6 196.2	176.4 75.6	121.2 206.6	146.9 140.4	151.4 140.1	184.4 54.8	127.8 189.4	127.8 189.4	174.1 81.5	174.1 81.5
80	55.0 0.0	176.7 87.8	176.7 87.8	121.7 183.1	121.7 183.1	150.3 130.3	186.0 72.9	107.3 206.2	153.3 132.3	122.1 175.6	172.6 94.4	118.5 188.2	183.6 83.7	108.7 197.0	144.5 139.6	148.8 139.5	194.9 65.6	118.0 182.1	118.0 182.1	180.5 88.8	180.5 88.8
90	50.0 0.0	184.6 95.1	184.6 95.1	111.3 175.8	111.3 175.8	150.0 131.0	196.7 82.5	92.4 195.4	152.6 132.9	113.2 169.3	179.3 100.6	107.1 180.1	192.2 91.7	95.7 187.5	142.4 138.9	146.7 139.0	206.9 76.5	107.8 174.9	107.8 174.9	188.1 96.0	188.1 96.0
100	46.0 0.0	192.7 102.3	192.7 102.3	101.2 168.6	101.2 168.6	150.0 131.7	207.7 92.0	77.9 184.6	152.2 133.4	104.5 163.0	186.1 106.9	96.1 172.1	201.1 99.8	83.0 177.9	140.6 138.2	145.0 138.4	219.2 87.3	97.9 167.6	97.9 167.6	196.0 103.3	196.0 103.3
110	42.2 0.0	199.8 109.6	199.8 109.6	92.1 161.3	92.1 161.3	149.9 132.5	217.3 101.6	65.0 173.8	151.7 134.0	96.8 156.8	192.1 113.1	86.2 164.0	208.9 107.8	71.6 168.4	139.0 137.5	143.3 137.8	230.1 98.1	89.1 160.3	89.1 160.3	202.9 110.5	202.9 110.5

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450

Outrigger Load Chart

Ref.-Nr. 3 083 611

Main boom: 179.2 ft with 59.1 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 308 600 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
120	39.4	207.9	207.9	82.6	82.6	150.1	228.1	51.2	151.6	88.7	199.0	75.7	217.8	59.5	137.5	141.8	242.3	79.7	79.7	210.8	210.8
	0.0	116.8	116.8	154.0	154.0	133.2	111.1	163.0	134.5	150.6	119.3	156.0	115.8	158.8	136.7	137.3	108.8	153.1	153.1	117.7	117.7
130	36.4	214.5	214.5	74.5	74.5	150.2	237.0	39.5	151.3	81.7	204.6	66.8	225.0	49.2	136.1	140.4	252.3	71.7	71.7	217.3	217.3
	0.0	124.0	124.0	146.8	146.8	133.9	120.6	152.2	135.0	144.3	125.5	148.0	123.8	149.3	136.0	136.7	119.6	145.9	145.9	125.0	125.0
140	33.8	221.1	221.1	66.6	66.6	150.3	245.9	28.0	151.2	74.9	210.2	58.1	232.3	39.1	134.8	139.2	262.3	63.9	63.9	223.8	223.8
	0.0	131.2	131.2	139.6	139.6	134.6	130.0	141.4	135.6	138.1	131.7	140.0	131.7	139.8	135.3	136.1	130.3	138.6	138.6	132.1	132.1
150	31.2	226.8	226.8	59.5	59.5	150.3	253.6	17.9	150.9	68.9	215.0	50.4	238.5	30.3	133.6	137.9	271.0	57.0	57.0	229.3	229.3
	0.0	138.4	138.4	132.4	132.4	135.3	139.5	130.7	136.1	131.9	137.9	132.0	139.7	130.3	134.6	135.6	141.0	131.4	131.4	139.3	139.3
160	28.6	231.6	231.6	53.5	53.5	150.2	260.1	9.2	150.6	63.7	219.0	43.7	243.7	22.6	132.4	136.8	278.2	51.1	51.1	233.9	233.9
	0.0	145.5	145.5	125.2	125.2	135.9	148.9	120.0	136.6	125.7	144.0	124.0	147.6	120.9	133.8	135.0	151.7	124.3	124.3	146.5	146.5
170	26.6	237.3	237.3	46.7	46.7	149.7	268.4	0.0	149.9	57.9	223.9	36.3	250.0	14.0	131.3	135.8	286.9	44.4	44.4	239.6	239.6
	0.0	152.7	152.7	118.0	118.0	136.6	158.3	109.3	137.2	119.6	150.2	116.1	155.5	111.5	133.1	134.4	162.3	117.1	117.1	153.6	153.6
180	25.2	244.3	244.3	38.9	38.9	138.7	289.1	0.0	138.6	51.2	229.8	27.7	257.7	4.0	130.3	134.8	297.4	36.7	36.7	246.5	246.5
	0.0	159.7	159.7	110.9	110.9	137.3	167.6	98.7	137.7	113.4	156.3	108.2	163.4	102.1	132.4	133.9	172.9	110.0	110.0	160.7	160.7
190	23.0	248.0	248.0	34.1	34.1	131.8	301.0	0.0	131.4	47.1	232.9	22.4	261.7	0.0	127.3	131.8	305.1	32.0	32.0	250.1	250.1
	0.0	166.8	166.8	103.8	103.8	138.0	176.9	88.1	138.2	107.3	162.3	100.3	171.2	92.8	131.7	133.3	183.4	102.9	102.9	167.7	167.7
200	19.8	247.1	247.1	33.3	33.3	130.3	300.8	0.0	129.8	46.4	232.1	21.6	260.7	0.0	126.0	130.3	304.6	31.4	31.4	249.1	249.1
	0.0	173.8	173.8	96.7	96.7	138.7	186.1	77.6	138.7	101.3	168.4	92.5	178.9	83.5	131.0	132.7	193.8	95.8	95.8	174.7	174.7

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 179.2 ft with 59.1 ft Boom extension, 3 ° offset
Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 308 600 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
210	17.2	247.4	247.4	31.6	31.6	127.6	303.5	0.0	127.0	45.0	232.3	19.9	261.0	0.0	123.4	127.6	307.1	29.9	29.9	249.2	249.2
	0.0	180.7	180.7	89.7	89.7	139.3	195.2	67.2	139.2	95.2	174.3	84.8	186.6	74.3	130.2	132.2	204.2	88.8	88.8	181.6	181.6

* Loads and Outrigger loads are shown in 1000 lbs

Outrigger base 28.7 x 29.2 ft

308 600 lbs (140 t) counterweight

Length of boom extension 78.7 ft

Offset of boom extension 3 °

Reference chart 85% (lbs / ft)

3 083 612

Length of boom extension 78.7 ft

Offset of boom extension 3 °

outrigger base 28.7 x 29.2 ft

308 600 lbs (140 t) counterweight

	Main boom - fixed length in ft		
	147.6	163.4	179.2
Tel. sec. I	0.88	0.88	0.88
Tel. sec. II	0.88	0.88	0.88
Tel. sec. III	0.88	0.88	0.88
Tel. sec. IV	0.00	0.44	0.88
Radius in feet	Lifting capacities in 1000 lbs		
45.0	69.0		
50.0	66.0	66.0	
55.0	63.0	63.0	62.0
60.0	60.0	61.0	59.0
65.0	57.0	58.0	56.0
70.0	54.0	55.0	52.0
75.0	51.0	52.0	50.0
80.0	49.0	49.0	48.0
85.0	47.0	47.0	45.0
90.0	45.0	45.0	43.2
95.0	42.4	43.2	41.4
100.0	40.8	41.4	39.8
105.0	39.2	39.4	38.2
110.0	37.8	38.0	36.6
115.0	36.2	36.8	35.0
120.0	34.6	35.4	33.6
125.0	33.2	34.2	32.2
130.0	32.0	32.8	30.8
135.0	30.6	31.4	29.4
140.0	29.2	30.4	28.0
145.0	28.0	29.2	26.6
150.0	26.6	28.0	25.8
155.0	25.4	27.0	25.0
160.0	24.8	25.8	24.2
165.0	24.0	24.6	23.6
170.0	23.4	23.8	22.8

Reference chart 85% (lbs / ft)

3 083 612

Length of boom extension 78.7 ft

Offset of boom extension 3 °

outrigger base 28.7 x 29.2 ft

308 600 lbs (140 t) counterweight

	Main boom - fixed length in ft		
	147.6	163.4	179.2
Tel. sec. I	0.88	0.88	0.88
Tel. sec. II	0.88	0.88	0.88
Tel. sec. III	0.88	0.88	0.88
Tel. sec. IV	0.00	0.44	0.88
Radius in feet	Lifting capacities in 1000 lbs		
175.0	22.6	23.2	22.0
180.0	22.0	22.6	21.4
185.0	21.4	22.0	20.8
190.0	20.8	21.4	20.2
195.0	20.4	20.8	19.6
200.0	19.8	20.2	19.2
205.0		19.6	18.6
210.0		18.2	18.0
215.0		17.0	17.4
220.0		15.6	16.2
225.0			15.0
230.0			13.8
235.0			12.6

Main boom: 147.6 ft with 78.7 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.00

Counterweight: 308 600 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<----- L O A D P O S I T I O N S ----->

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
45	69.0 0.0	131.0 61.5	131.0 61.5	174.7 209.7	174.7 209.7	148.7 127.9	124.9 38.3	184.3 245.8	153.6 130.5	167.5 198.5	133.8 71.8	176.8 217.7	133.4 54.5	176.4 232.0	152.6 142.4	156.6 141.7	125.9 26.4	170.2 208.7	170.2 208.7	135.5 62.5	135.5 62.5
50	66.0 0.0	137.3 65.1	137.3 65.1	166.9 206.2	166.9 206.2	148.7 128.2	133.3 43.0	173.1 240.5	153.3 130.8	160.8 195.4	139.1 74.9	168.3 213.7	140.3 58.5	166.6 227.3	151.2 142.0	155.2 141.5	135.4 31.7	162.6 205.2	162.6 205.2	141.6 66.1	141.6 66.1
55	63.0 0.0	143.1 68.7	143.1 68.7	159.6 202.6	159.6 202.6	148.7 128.6	141.2 47.7	162.7 235.2	153.0 131.0	154.6 192.3	144.0 77.9	160.3 209.8	146.6 62.5	157.4 222.6	149.9 141.7	153.9 141.2	144.2 37.0	155.5 201.6	155.5 201.6	147.3 69.6	147.3 69.6
60	60.0 0.0	148.4 72.2	148.4 72.2	152.9 199.0	152.9 199.0	148.6 128.9	148.3 52.4	153.0 229.8	152.6 131.3	148.8 189.2	148.4 81.0	152.9 205.8	152.3 66.4	149.0 217.9	148.6 141.3	152.6 140.9	152.2 42.4	148.9 198.0	148.9 198.0	152.3 73.2	152.3 73.2
65	57.0 0.0	153.1 75.8	153.1 75.8	146.6 195.4	146.6 195.4	148.4 129.3	154.7 57.1	144.1 224.5	152.2 131.6	143.5 186.2	152.4 84.1	146.1 201.8	157.5 70.4	141.2 213.1	147.4 141.0	151.4 140.6	159.5 47.7	142.8 194.4	142.8 194.4	156.9 76.8	156.9 76.8
70	54.0 0.0	157.3 79.4	157.3 79.4	140.9 191.8	140.9 191.8	148.2 129.6	160.5 61.8	136.0 219.2	151.7 131.8	138.6 183.1	155.9 87.2	139.8 197.9	162.1 74.3	134.1 208.4	146.3 140.6	150.2 140.4	165.9 53.0	137.2 190.8	137.2 190.8	161.0 80.4	161.0 80.4
80	49.0 0.0	165.7 86.5	165.7 86.5	130.0 184.7	130.0 184.7	148.1 130.3	171.9 71.2	120.3 208.5	151.1 132.4	129.2 176.9	163.0 93.3	127.8 189.9	171.3 82.3	120.3 199.0	144.2 139.9	148.1 139.8	178.8 63.7	126.5 183.7	126.5 183.7	169.2 87.5	169.2 87.5
90	45.0 0.0	174.3 93.7	174.3 93.7	119.4 177.5	119.4 177.5	148.1 131.0	183.4 80.6	105.2 197.8	150.7 132.9	120.2 170.7	170.2 99.5	116.3 182.0	180.6 90.2	107.0 189.6	142.4 139.2	146.2 139.2	191.8 74.3	116.2 176.5	116.2 176.5	177.5 94.7	177.5 94.7
100	40.8 0.0	181.0 100.8	181.0 100.8	110.6 170.3	110.6 170.3	147.9 131.7	192.6 90.0	92.6 187.2	150.1 133.5	112.7 164.6	175.9 105.6	106.6 174.0	188.0 98.1	96.0 180.2	140.7 138.5	144.5 138.7	202.0 85.0	107.6 169.4	107.6 169.4	184.0 101.8	184.0 101.8

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450

Outrigger Load Chart

Ref.-Nr. 3 083 612

Main boom: 147.6 ft with 78.7 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.00

Counterweight: 308 600 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
110	37.8	188.8	188.8	101.2	101.2	148.1	203.1	79.0	149.9	104.7	182.5	96.4	196.6	84.1	139.1	143.0	213.9	98.4	98.4	191.7	191.7
	0.0	108.0	108.0	163.2	163.2	132.4	99.4	176.5	134.0	158.4	111.8	166.1	106.0	170.8	137.8	138.1	95.7	162.2	162.2	109.0	109.0
120	34.6	195.1	195.1	93.3	93.3	148.0	211.6	67.7	149.6	97.9	187.8	87.7	203.5	74.1	137.7	141.6	223.5	90.6	90.6	197.9	197.9
	0.0	115.1	115.1	156.0	156.0	133.1	108.8	165.8	134.5	152.3	117.9	158.2	113.9	161.3	137.1	137.6	106.3	155.0	155.0	116.1	116.1
130	32.0	201.8	201.8	85.3	85.3	148.1	220.6	56.1	149.4	91.0	193.5	78.9	210.8	63.9	136.4	140.3	233.6	82.7	82.7	204.4	204.4
	0.0	122.3	122.3	148.9	148.9	133.8	118.2	155.1	135.1	146.1	124.0	150.2	121.9	151.9	136.3	137.0	116.9	147.9	147.9	123.2	123.2
140	29.2	207.1	207.1	78.6	78.6	148.1	227.7	46.5	149.1	85.3	197.9	71.5	216.6	55.5	135.2	139.1	241.6	76.2	76.2	209.5	209.5
	0.0	129.4	129.4	141.7	141.7	134.5	127.6	144.5	135.6	139.9	130.2	142.3	129.8	142.5	135.6	136.5	127.6	140.7	140.7	130.4	130.4
150	26.6	211.9	211.9	72.5	72.5	148.0	234.3	37.7	148.8	80.0	202.0	64.8	221.9	47.8	134.0	137.9	249.0	70.2	70.2	214.2	214.2
	0.0	136.5	136.5	134.6	134.6	135.2	137.0	133.8	136.1	133.8	136.3	134.4	137.6	133.1	134.9	135.9	138.2	133.6	133.6	137.5	137.5
160	24.8	218.2	218.2	65.2	65.2	148.3	242.7	27.1	148.8	73.8	207.4	56.8	228.8	38.5	133.0	136.9	258.5	63.0	63.0	220.4	220.4
	0.0	143.6	143.6	127.4	127.4	135.9	146.3	123.2	136.7	127.7	142.4	126.5	145.5	123.7	134.2	135.3	148.8	126.5	126.5	144.6	144.6
170	23.4	225.2	225.2	57.5	57.5	148.7	252.0	15.9	148.9	67.2	213.3	48.3	236.5	28.6	131.9	135.9	269.0	55.4	55.4	227.3	227.3
	0.0	150.7	150.7	120.3	120.3	136.6	155.7	112.6	137.2	121.5	148.5	118.6	153.4	114.4	133.5	134.8	159.4	119.3	119.3	151.7	151.7
180	22.0	231.6	231.6	50.3	50.3	149.0	260.6	5.3	149.0	61.1	218.9	40.4	243.6	19.3	130.9	135.0	278.7	48.3	48.3	233.7	233.7
	0.0	157.8	157.8	113.2	113.2	137.3	165.0	102.0	137.7	115.4	154.6	110.7	161.2	105.0	132.8	134.2	169.9	112.2	112.2	158.8	158.8
190	20.8	238.3	238.3	43.0	43.0	144.0	274.8	0.0	143.8	54.8	224.5	32.4	251.0	9.9	129.9	134.1	288.7	41.0	41.0	240.3	240.3
	0.0	164.9	164.9	106.1	106.1	137.9	174.3	91.4	138.2	109.3	160.7	102.8	169.1	95.7	132.0	133.7	180.5	105.1	105.1	165.8	165.8

* Loads and Outrigger loads are shown in 1000 lbs

Main boom:147.6 ft with 78.7 ft Boom extension, 3 ° offset

Telescoping ratio:Tel. sec. I = 0.88Tel. sec. II = 0.88Tel. sec. III = 0.88Tel. sec. IV = 0.00

Counterweight:308 600 lbs

Outrigger base:28.7 x 29.2 ft

Slewing range:360°

<<-----L O A D P O S I T I O N S----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
200	19.8	245.3	245.3	35.5	35.5	133.4	295.1	0.0	133.0	48.3	230.5	24.1	258.6	0.2	129.0	133.3	299.1	33.6	33.6	247.2	247.2
	0.0	171.9	171.9	99.0	99.0	138.6	183.6	80.8	138.7	103.2	166.8	95.0	176.8	86.4	131.3	133.1	191.0	98.0	98.0	172.9	172.9

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 163.4 ft with 78.7 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 308 600 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
50	66.0	136.9	136.9	167.5	167.5	148.7	132.7	173.9	153.3	161.3	138.7	168.9	139.8	167.3	151.3	155.4	134.8	163.2	163.2	141.2	141.2
	0.0	64.6	64.6	206.7	206.7	128.2	42.4	241.4	130.8	195.9	74.5	214.4	58.0	228.0	142.2	141.6	31.0	205.7	205.7	65.6	65.6
55	63.0	142.6	142.6	160.3	160.3	148.7	140.5	163.6	153.0	155.2	143.6	161.0	146.1	158.2	150.0	154.0	143.5	156.1	156.1	146.8	146.8
	0.0	68.2	68.2	203.2	203.2	128.6	47.0	236.1	131.1	192.9	77.5	210.5	61.9	223.4	141.8	141.3	36.3	202.2	202.2	69.2	69.2
60	61.0	149.1	149.1	152.8	152.8	148.9	149.1	152.7	153.0	148.8	149.1	152.8	153.2	148.7	148.9	153.0	153.2	148.7	148.7	153.2	153.2
	0.0	71.7	71.7	199.7	199.7	128.9	51.7	230.8	131.3	189.8	80.6	206.5	65.8	218.7	141.5	141.0	41.5	198.7	198.7	72.7	72.7
65	58.0	153.9	153.9	146.5	146.5	148.8	155.6	143.8	152.6	143.4	153.1	145.9	158.4	140.8	147.7	151.7	160.5	142.6	142.6	157.8	157.8
	0.0	75.2	75.2	196.2	196.2	129.3	56.3	225.6	131.6	186.8	83.6	202.6	69.7	214.1	141.1	140.8	46.8	195.2	195.2	76.2	76.2
70	55.0	158.1	158.1	140.8	140.8	148.6	161.4	135.6	152.1	138.5	156.6	139.6	163.0	133.7	146.5	150.5	167.0	137.0	137.0	161.9	161.9
	0.0	78.7	78.7	192.6	192.6	129.6	60.9	220.3	131.9	183.8	86.6	198.7	73.6	209.4	140.8	140.5	52.1	191.6	191.6	79.7	79.7
80	49.0	165.0	165.0	130.8	130.8	148.1	171.0	121.6	151.1	130.0	162.4	128.8	170.5	121.4	144.3	148.2	177.7	127.4	127.4	168.5	168.5
	0.0	85.8	85.8	185.6	185.6	130.3	70.2	209.8	132.4	177.7	92.7	190.9	81.5	200.1	140.1	140.0	62.6	184.6	184.6	86.8	86.8
90	45.0	173.4	173.4	120.4	120.4	148.1	182.3	106.6	150.7	121.1	169.5	117.4	179.7	108.3	142.5	146.4	190.5	117.2	117.2	176.7	176.7
	0.0	92.9	92.9	178.5	178.5	131.0	79.5	199.3	132.9	171.6	98.8	183.1	89.3	190.9	139.4	139.4	73.1	177.5	177.5	93.9	93.9
100	41.4	181.2	181.2	110.8	110.8	148.1	192.8	92.8	150.4	112.9	176.1	106.8	188.3	96.1	140.9	144.7	202.4	107.7	107.7	184.3	184.3
	0.0	99.9	99.9	171.4	171.4	131.7	88.8	188.7	133.5	165.5	104.8	175.2	97.1	181.6	138.7	138.9	83.6	170.4	170.4	100.9	100.9
110	38.0	188.2	188.2	102.1	102.1	148.1	202.3	80.3	150.0	105.4	182.0	97.3	195.9	85.2	139.3	143.2	213.0	99.2	99.2	191.1	191.1
	0.0	107.0	107.0	164.4	164.4	132.4	98.1	178.2	134.0	159.4	110.9	167.4	104.9	172.3	137.9	138.3	94.1	163.4	163.4	107.9	107.9

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450

Outrigger Load Chart

Ref.-Nr. 3 083 612

Main boom: 163.4 ft with 78.7 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 308 600 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
120	35.4	195.9	195.9	93.1	93.1	148.3	212.5	67.3	149.9	97.7	188.5	87.4	204.3	73.7	137.9	141.9	224.5	90.4	90.4	198.6	198.6
	0.0	114.0	114.0	157.3	157.3	133.1	107.3	167.7	134.5	153.4	116.9	159.6	112.7	163.0	137.2	137.8	104.6	156.3	156.3	115.0	115.0
130	32.8	202.6	202.6	85.1	85.1	148.5	221.5	55.6	149.8	90.8	194.2	78.6	211.7	63.5	136.6	140.6	234.7	82.5	82.5	205.2	205.2
	0.0	121.0	121.0	150.3	150.3	133.8	116.6	157.2	135.1	147.3	123.0	151.8	120.5	153.7	136.5	137.2	115.1	149.3	149.3	122.0	122.0
140	30.4	208.9	208.9	77.5	77.5	148.6	230.1	44.7	149.6	84.4	199.6	70.3	218.7	53.9	135.4	139.4	244.3	75.0	75.0	211.4	211.4
	0.0	128.1	128.1	143.2	143.2	134.4	125.8	146.7	135.6	141.2	129.0	144.0	128.3	144.5	135.8	136.7	125.6	142.2	142.2	129.0	129.0
150	28.0	214.4	214.4	70.8	70.8	148.6	237.5	35.0	149.4	78.6	204.2	62.9	224.7	45.4	134.2	138.2	252.6	68.4	68.4	216.8	216.8
	0.0	135.1	135.1	136.2	136.2	135.1	135.1	136.2	136.1	135.2	135.1	136.2	136.1	135.2	135.1	136.1	136.0	135.2	135.2	136.1	136.1
160	25.8	219.7	219.7	64.4	64.4	148.7	244.6	25.8	149.2	73.1	208.7	55.9	230.5	37.3	133.1	137.2	260.6	62.1	62.1	222.0	222.0
	0.0	142.1	142.1	129.1	129.1	135.8	144.3	125.7	136.6	129.1	141.1	128.4	143.8	126.0	134.4	135.6	146.5	128.2	128.2	143.1	143.1
170	23.8	224.8	224.8	58.3	58.3	148.8	251.4	16.9	149.1	67.9	213.0	49.2	236.1	29.5	132.1	136.2	268.4	56.1	56.1	227.0	227.0
	0.0	149.1	149.1	122.1	122.1	136.5	153.5	115.3	137.2	123.1	147.1	120.6	151.6	116.7	133.7	135.0	156.9	121.1	121.1	150.0	150.0
180	22.6	231.9	231.9	50.6	50.6	149.2	260.8	5.6	149.3	61.2	219.1	40.7	243.9	19.5	131.1	135.3	279.0	48.5	48.5	234.0	234.0
	0.0	156.0	156.0	115.1	115.1	137.2	162.7	104.8	137.7	117.1	153.1	112.9	159.3	107.5	133.0	134.5	167.3	114.1	114.1	157.0	157.0
190	21.4	238.5	238.5	43.3	43.3	144.5	274.8	0.0	144.4	55.0	224.8	32.6	251.3	10.1	130.2	134.4	289.0	41.2	41.2	240.6	240.6
	0.0	163.0	163.0	108.1	108.1	137.8	171.8	94.4	138.2	111.1	159.1	105.1	167.0	98.3	132.3	133.9	177.7	107.2	107.2	164.0	164.0
200	20.2	244.8	244.8	36.4	36.4	134.8	293.1	0.0	134.5	49.1	230.1	25.1	258.1	1.3	129.2	133.5	298.3	34.4	34.4	246.7	246.7
	0.0	169.9	169.9	101.2	101.2	138.5	180.9	84.1	138.7	105.1	165.1	97.4	174.7	89.2	131.6	133.4	188.0	100.2	100.2	170.9	170.9

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 163.4 ft with 78.7 ft Boom extension, 3 ° offset
Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 308 600 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
210	18.2	247.4	247.4	32.7	32.7	129.4	302.0	0.0	128.9	46.0	232.3	21.0	261.0	0.0	125.1	129.4	305.7	30.8	30.8	249.3	249.3
	0.0	176.8	176.8	94.2	94.2	139.2	190.0	73.7	139.2	99.1	171.0	89.7	182.3	80.1	130.9	132.8	198.3	93.2	93.2	177.8	177.8
220	15.6	246.9	246.9	31.9	31.9	127.9	302.4	0.0	127.2	45.3	231.8	20.2	260.3	0.0	123.8	127.9	305.9	30.1	30.1	248.6	248.6
	0.0	183.7	183.7	87.3	87.3	139.8	199.0	63.4	139.7	93.1	176.9	82.0	189.9	71.0	130.2	132.2	208.5	86.3	86.3	184.6	184.6

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 179.2 ft with 78.7 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 308 600 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
55	62.0	141.0	141.0	161.5	161.5	148.4	138.5	165.5	152.7	156.2	142.2	162.4	144.3	159.9	150.0	154.0	141.2	157.4	157.4	145.2	145.2
	0.0	67.8	67.8	203.8	203.8	128.6	46.5	236.9	131.1	193.3	77.2	211.1	61.5	224.1	141.9	141.4	35.7	202.8	202.8	68.8	68.8
60	59.0	146.1	146.1	154.9	154.9	148.3	145.4	156.1	152.3	150.6	146.5	155.2	149.8	151.7	148.8	152.7	148.9	150.9	150.9	150.1	150.1
	0.0	71.3	71.3	200.3	200.3	128.9	51.1	231.7	131.4	190.3	80.2	207.2	65.4	219.5	141.6	141.2	40.9	199.3	199.3	72.3	72.3
65	56.0	150.7	150.7	148.9	148.9	148.1	151.6	147.5	151.9	145.4	150.3	148.6	154.8	144.2	147.6	151.5	155.9	145.0	145.0	154.5	154.5
	0.0	74.7	74.7	196.8	196.8	129.3	55.7	226.5	131.7	187.3	83.2	203.3	69.2	214.9	141.2	140.9	46.1	195.8	195.8	75.8	75.8
70	52.0	153.3	153.3	144.3	144.3	147.6	155.2	141.2	151.1	141.5	152.4	143.6	157.6	138.7	146.3	150.1	160.0	140.7	140.7	156.9	156.9
	0.0	78.2	78.2	193.3	193.3	129.6	60.2	221.3	131.9	184.3	86.2	199.5	73.1	210.3	140.9	140.6	51.3	192.3	192.3	79.3	79.3
80	48.0	162.8	162.8	132.7	132.7	147.7	168.1	124.5	150.8	131.6	160.5	130.9	168.0	124.0	144.4	148.2	174.5	129.3	129.3	166.2	166.2
	0.0	85.2	85.2	186.3	186.3	130.3	69.4	210.9	132.4	178.3	92.2	191.7	80.8	201.1	140.2	140.1	61.7	185.3	185.3	86.2	86.2
90	43.2	169.5	169.5	123.6	123.6	147.4	177.3	111.5	150.0	123.8	166.1	120.9	175.4	112.6	142.5	146.3	184.8	120.4	120.4	172.7	172.7
	0.0	92.2	92.2	179.3	179.3	131.0	78.6	200.5	133.0	172.3	98.2	184.0	88.5	191.9	139.5	139.6	72.1	178.3	178.3	93.2	93.2
100	39.8	177.3	177.3	114.1	114.1	147.5	187.8	97.8	149.7	115.7	172.7	110.5	183.9	100.6	140.9	144.7	196.6	111.1	111.1	180.3	180.3
	0.0	99.1	99.1	172.4	172.4	131.7	87.8	190.1	133.5	166.3	104.2	176.3	96.3	182.7	138.8	139.0	82.4	171.3	171.3	100.2	100.2
110	36.6	184.4	184.4	105.4	105.4	147.5	197.3	85.3	149.4	108.3	178.7	101.0	191.7	89.6	139.4	143.2	207.3	102.6	102.6	187.2	187.2
	0.0	106.1	106.1	165.4	165.4	132.4	96.9	179.7	134.0	160.3	110.2	168.5	104.0	173.6	138.1	138.5	92.8	164.4	164.4	107.1	107.1
120	33.6	190.8	190.8	97.5	97.5	147.5	205.9	74.0	149.2	101.5	184.1	92.3	198.7	79.7	138.1	141.8	217.0	94.8	94.8	193.5	193.5
	0.0	113.1	113.1	158.4	158.4	133.0	106.1	169.3	134.5	154.3	116.2	160.8	111.7	164.4	137.4	137.9	103.2	157.4	157.4	114.1	114.1

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450

Outrigger Load Chart

Ref.-Nr. 3 083 612

Main boom: 179.2 ft with 78.7 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 308 600 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
130	30.8	196.6	196.6	90.3	90.3	147.5	213.8	63.5	148.9	95.3	189.0	84.4	205.0	70.5	136.8	140.5	225.9	87.7	87.7	199.2	199.2
	0.0	120.0	120.0	151.4	151.4	133.7	115.2	158.9	135.1	148.3	122.1	153.1	119.4	155.2	136.7	137.4	113.6	150.4	150.4	121.0	121.0
140	28.0	201.5	201.5	84.0	84.0	147.4	220.4	54.6	148.5	89.9	193.1	77.5	210.3	62.7	135.6	139.3	233.3	81.6	81.6	203.9	203.9
	0.0	127.0	127.0	144.5	144.5	134.4	124.4	148.5	135.6	142.3	128.1	145.4	127.1	146.1	136.0	136.9	123.9	143.5	143.5	128.0	128.0
150	25.8	207.0	207.0	77.3	77.3	147.5	227.8	44.9	148.4	84.2	197.8	70.2	216.5	54.2	134.5	138.3	241.7	75.0	75.0	209.3	209.3
	0.0	133.9	133.9	137.5	137.5	135.1	133.5	138.2	136.1	136.3	134.1	137.7	134.8	136.9	135.3	136.3	134.2	136.5	136.5	134.9	134.9
160	24.2	213.6	213.6	69.9	69.9	147.8	236.6	34.1	148.4	77.8	203.4	62.0	223.7	44.6	133.4	137.3	251.6	67.7	67.7	215.8	215.8
	0.0	140.8	140.8	130.6	130.6	135.8	142.6	127.8	136.6	130.4	140.0	130.0	142.4	127.8	134.6	135.8	144.6	129.6	129.6	141.8	141.8
170	22.8	220.3	220.3	62.5	62.5	148.2	245.5	23.3	148.6	71.5	209.1	53.9	231.1	35.1	132.4	136.3	261.6	60.4	60.4	222.4	222.4
	0.0	147.7	147.7	123.7	123.7	136.4	151.7	117.5	137.1	124.4	146.0	122.3	150.1	118.7	133.9	135.2	154.9	122.7	122.7	148.7	148.7
180	21.4	226.4	226.4	55.6	55.6	148.5	253.7	13.2	148.7	65.6	214.4	46.3	237.8	26.3	131.5	135.5	270.9	53.5	53.5	228.5	228.5
	0.0	154.6	154.6	116.7	116.7	137.1	160.7	107.2	137.7	118.5	151.9	114.6	157.7	109.6	133.3	134.7	165.1	115.7	115.7	155.6	155.6
190	20.2	232.8	232.8	48.6	48.6	148.9	262.2	3.0	148.8	59.6	219.8	38.6	244.8	17.2	130.5	134.6	280.5	46.6	46.6	234.8	234.8
	0.0	161.5	161.5	109.8	109.8	137.8	169.8	96.9	138.2	112.5	157.8	107.0	165.3	100.5	132.6	134.1	175.4	108.8	108.8	162.5	162.5
200	19.2	239.4	239.4	41.4	41.4	141.7	278.6	0.0	141.4	53.4	225.5	30.6	252.2	7.9	129.6	133.8	290.4	39.5	39.5	241.4	241.4
	0.0	168.3	168.3	103.0	103.0	138.4	178.8	86.7	138.7	106.6	163.7	99.4	172.9	91.5	131.9	133.6	185.6	102.0	102.0	169.3	169.3
210	18.0	244.9	244.9	35.3	35.3	133.0	294.9	0.0	132.5	48.2	230.2	23.9	258.3	0.0	128.7	133.0	298.7	33.4	33.4	246.8	246.8
	0.0	175.1	175.1	96.1	96.1	139.1	187.8	76.5	139.2	100.7	169.6	91.8	180.4	82.5	131.2	133.1	195.7	95.1	95.1	176.1	176.1

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 179.2 ft with 78.7 ft Boom extension, 3 ° offset
Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 308 600 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
220	16.2	247.6	247.6	31.7	31.7	127.8	303.6	0.0	127.2	45.1	232.4	20.0	261.1	0.0	123.6	127.8	307.1	29.9	29.9	249.4	249.4
	0.0	181.9	181.9	89.3	89.3	139.7	196.7	66.3	139.7	94.8	175.4	84.2	188.0	73.5	130.5	132.5	205.9	88.3	88.3	182.9	182.9
230	13.8	247.0	247.0	31.1	31.1	126.6	303.6	0.0	125.8	44.6	231.8	19.3	260.4	0.0	122.5	126.6	306.9	29.4	29.4	248.6	248.6
	0.0	188.6	188.6	82.5	82.5	140.4	205.6	56.2	140.1	89.0	181.2	76.7	195.4	64.6	129.8	132.0	215.9	81.5	81.5	189.6	189.6

* Loads and Outrigger loads are shown in 1000 lbs

Outrigger base 28.7 x 29.2 ft

264 500 lbs (120 t) counterweight

Length of boom extension 39.4 ft

Offset of boom extension 3 °

Reference chart 85% (lbs / ft)

3 083 630

Length of boom extension 39.4 ft

Offset of boom extension 3 °

outrigger base 28.7 x 29.2 ft

264 500 lbs (120 t) counterweight

	Main boom - fixed length in ft		
	147.6	163.4	179.2
Tel. sec. I	0.88	0.88	0.88
Tel. sec. II	0.88	0.88	0.88
Tel. sec. III	0.88	0.88	0.88
Tel. sec. IV	0.00	0.44	0.88
Radius in feet	Lifting capacities in 1000 lbs		
40.0	120.0	114.0	
45.0	112.0	107.0	100.0
50.0	106.0	100.0	94.0
55.0	99.0	95.0	88.0
60.0	94.0	90.0	83.0
65.0	89.0	85.0	79.0
70.0	84.0	81.0	74.0
75.0	80.0	77.0	71.0
80.0	76.0	73.0	68.0
85.0	73.0	69.0	65.0
90.0	70.0	67.0	62.0
95.0	67.0	64.0	59.0
100.0	64.0	62.0	56.0
105.0	61.0	59.0	54.0
110.0	56.0	57.0	52.0
115.0	51.0	53.0	49.0
120.0	47.0	49.0	47.0
125.0	43.4	45.0	46.0
130.0	39.8	41.4	42.2
135.0	36.6	38.0	39.0
140.0	33.8	35.0	36.0
145.0	31.0	32.4	33.4
150.0	28.4	29.8	30.8
155.0	26.0	27.4	28.4
160.0	24.0	25.2	26.2
165.0	21.8	23.2	24.2

Reference chart 85% (lbs / ft)

3 083 630

Length of boom extension 39.4 ft

Offset of boom extension 3 °

outrigger base 28.7 x 29.2 ft

264 500 lbs (120 t) counterweight

	Main boom - fixed length in ft		
	147.6	163.4	179.2
Tel. sec. I	0.88	0.88	0.88
Tel. sec. II	0.88	0.88	0.88
Tel. sec. III	0.88	0.88	0.88
Tel. sec. IV	0.00	0.44	0.88
Radius in feet	Lifting capacities in 1000 lbs		
170.0	19.8	21.2	22.2
175.0		19.2	20.4
180.0		17.4	18.6
185.0			16.8
190.0			15.2
195.0			13.8

Main boom: 147.6 ft with 39.4 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.00

Counterweight: 264 500 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
40	120.0	175.1	175.1	132.3	132.3	153.7	182.6	120.6	157.8	131.0	171.8	129.7	182.3	120.2	149.1	154.2	191.4	127.7	127.7	179.8	179.8
	0.0	64.6	64.6	182.8	182.8	118.5	45.8	212.1	118.4	175.8	73.0	189.2	56.8	203.0	130.3	127.6	33.9	184.2	184.2	63.2	63.2
45	112.0	181.5	181.5	121.9	121.9	152.7	191.6	106.3	156.3	122.2	177.0	118.5	189.2	107.6	146.5	151.4	201.4	117.7	117.7	185.7	185.7
	0.0	68.6	68.6	178.8	178.8	118.9	51.0	206.2	118.7	172.4	76.4	184.8	61.2	197.8	129.9	127.3	39.8	180.2	180.2	67.2	67.2
50	106.0	188.6	188.6	111.8	111.8	152.2	201.4	92.0	155.2	113.5	183.0	107.4	196.9	95.1	144.3	149.1	212.4	107.9	107.9	192.6	192.6
	0.0	72.6	72.6	174.8	174.8	119.3	56.2	200.2	119.0	169.0	79.8	180.4	65.6	192.6	129.5	127.0	45.8	176.2	176.2	71.2	71.2
55	99.0	193.6	193.6	103.3	103.3	151.3	208.4	80.3	153.8	106.3	187.0	98.3	202.2	85.0	142.0	146.6	220.1	99.8	99.8	197.1	197.1
	0.0	76.6	76.6	170.8	170.8	119.7	61.5	194.3	119.3	165.6	83.2	176.0	70.0	187.3	129.1	126.6	51.7	172.2	172.2	75.2	75.2
60	94.0	199.8	199.8	94.6	94.6	150.9	216.9	68.0	153.0	98.8	192.2	88.7	209.0	74.2	140.2	144.7	229.7	91.3	91.3	203.1	203.1
	0.0	80.5	80.5	166.8	166.8	120.1	66.7	188.4	119.6	162.1	86.7	171.6	74.4	182.1	128.7	126.3	57.6	168.3	168.3	79.1	79.1
65	89.0	205.2	205.2	86.7	86.7	150.4	224.3	56.9	152.1	92.1	196.7	80.1	214.8	64.5	138.4	142.8	238.0	83.6	83.6	208.2	208.2
	0.0	84.5	84.5	162.9	162.9	120.5	71.9	182.4	119.9	158.7	90.1	167.2	78.8	176.9	128.3	126.0	63.5	164.3	164.3	83.1	83.1
70	84.0	209.7	209.7	79.7	79.7	149.8	230.6	47.1	151.2	86.2	200.4	72.5	219.7	55.9	136.7	141.0	245.1	76.9	76.9	212.5	212.5
	0.0	88.5	88.5	158.9	158.9	120.8	77.2	176.5	120.2	155.3	93.5	162.8	83.2	171.6	127.9	125.7	69.5	160.3	160.3	87.1	87.1
80	76.0	219.3	219.3	66.1	66.1	149.1	243.8	27.9	149.8	74.5	208.4	57.6	230.1	39.1	133.8	137.9	259.9	63.7	63.7	221.7	221.7
	0.0	96.4	96.4	150.9	150.9	121.6	87.6	164.6	120.8	148.4	100.3	153.9	92.0	161.2	127.1	125.1	81.3	152.3	152.3	95.0	95.0
90	70.0	229.7	229.7	52.6	52.6	148.9	257.9	8.7	149.0	63.0	217.2	42.9	241.5	22.3	131.3	135.4	275.7	50.5	50.5	231.8	231.8
	0.0	104.3	104.3	143.0	143.0	122.4	98.0	152.8	121.4	141.6	107.1	145.1	100.7	150.7	126.3	124.5	93.1	144.4	144.4	102.9	102.9

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450

Outrigger Load Chart

Ref.-Nr. 3 083 630

Main boom: 147.6 ft with 39.4 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.00

Counterweight: 264 500 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
100	64.0	238.0	238.0	41.3	41.3	141.1	276.7	0.0	140.7	53.4	224.1	30.6	250.5	8.2	128.9	132.9	288.4	39.5	39.5	239.8	239.8
	0.0	112.2	112.2	135.0	135.0	123.2	108.4	141.0	122.0	134.8	113.9	136.3	109.5	140.3	125.5	123.8	104.9	136.5	136.5	110.8	110.8
110	56.0	239.9	239.9	35.4	35.4	131.9	287.5	0.0	131.0	48.3	225.5	24.2	252.4	1.5	126.8	130.4	291.8	34.0	34.0	241.3	241.3
	0.0	120.1	120.1	127.1	127.1	123.9	118.8	129.2	122.6	128.0	120.7	127.6	118.2	129.9	124.7	123.2	116.6	128.5	128.5	118.7	118.7
120	47.0	236.6	236.6	34.0	34.0	129.0	284.7	0.0	127.7	47.3	222.4	23.0	248.6	1.0	124.8	128.0	287.5	33.1	33.1	237.6	237.6
	0.0	128.0	128.0	119.2	119.2	124.7	129.1	117.4	123.2	121.2	127.4	118.8	126.9	119.5	123.9	122.6	128.3	120.7	120.7	126.5	126.5
130	39.8	234.7	234.7	32.3	32.3	125.7	284.3	0.0	124.0	45.9	220.6	21.3	246.3	0.0	122.9	125.7	285.4	31.7	31.7	235.3	235.3
	0.0	135.8	135.8	111.4	111.4	125.4	139.4	105.7	123.7	114.4	134.2	110.1	135.6	109.2	123.1	122.0	140.0	112.8	112.8	134.3	134.3
140	33.8	233.5	233.5	30.5	30.5	122.5	284.9	0.0	120.5	44.4	219.3	19.5	244.7	0.0	120.0	122.5	285.4	30.2	30.2	233.7	233.7
	0.0	143.5	143.5	103.5	103.5	126.2	149.6	94.1	124.3	107.7	140.8	101.4	144.2	98.9	122.3	121.3	151.6	105.0	105.0	142.1	142.1
150	28.4	231.7	231.7	29.4	29.4	120.4	283.9	0.0	118.1	43.6	217.6	18.5	242.7	0.0	118.2	120.4	283.8	29.5	29.5	231.7	231.7
	0.0	151.3	151.3	95.7	95.7	126.9	159.8	82.5	124.8	101.0	147.5	92.8	152.7	88.6	121.5	120.7	163.1	97.2	97.2	149.8	149.8
160	24.0	231.1	231.1	27.8	27.8	117.6	285.1	0.0	115.1	42.2	216.9	16.8	241.8	0.0	115.6	117.6	284.6	28.0	28.0	230.8	230.8
	0.0	158.9	158.9	88.0	88.0	127.6	169.8	71.0	125.4	94.3	154.0	84.2	161.2	78.5	120.7	120.1	174.5	89.5	89.5	157.4	157.4
170	19.8	229.4	229.4	27.2	27.2	116.3	283.5	0.0	113.6	41.8	215.3	16.3	239.8	0.0	114.5	116.3	282.5	27.7	27.7	228.9	228.9
	0.0	166.4	166.4	80.4	80.4	128.3	179.7	59.6	125.9	87.7	160.5	75.8	169.5	68.5	119.9	119.4	185.7	81.8	81.8	164.9	164.9

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 163.4 ft with 39.4 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 264 500 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
40	114.0	168.5	168.5	135.9	135.9	151.9	174.3	126.9	155.8	134.2	165.9	133.9	174.8	125.8	148.2	153.0	181.9	131.6	131.6	172.8	172.8
	0.0	63.5	63.5	183.9	183.9	118.4	44.3	213.8	118.4	176.8	72.0	190.5	55.6	204.5	130.4	127.7	32.3	185.3	185.3	62.1	62.1
45	107.0	175.2	175.2	125.7	125.7	151.1	183.7	112.6	154.5	125.5	171.5	122.8	182.1	113.3	145.8	150.4	192.3	121.7	121.7	179.2	179.2
	0.0	67.4	67.4	180.0	180.0	118.8	49.4	208.0	118.7	173.5	75.3	186.2	59.8	199.4	130.0	127.4	38.0	181.4	181.4	66.0	66.0
50	100.0	180.7	180.7	116.7	116.7	150.2	191.4	100.1	153.1	117.8	176.0	113.1	188.0	102.4	143.6	147.9	200.9	113.1	113.1	184.3	184.3
	0.0	71.2	71.2	176.2	176.2	119.2	54.5	202.3	118.9	170.2	78.7	181.9	64.1	194.4	129.7	127.1	43.7	177.6	177.6	69.8	69.8
55	95.0	187.3	187.3	107.6	107.6	149.9	200.5	87.2	152.3	110.0	181.5	103.1	195.2	91.1	141.7	146.0	211.1	104.2	104.2	190.7	190.7
	0.0	75.1	75.1	172.3	172.3	119.5	59.5	196.5	119.2	166.9	82.0	177.7	68.3	189.3	129.3	126.8	49.5	173.7	173.7	73.7	73.7
60	90.0	193.1	193.1	99.3	99.3	149.4	208.4	75.5	151.5	103.0	186.3	94.1	201.5	80.9	139.9	144.1	220.0	96.2	96.2	196.2	196.2
	0.0	78.9	78.9	168.5	168.5	119.9	64.6	190.8	119.5	163.6	85.3	173.4	72.6	184.3	128.9	126.5	55.2	169.9	169.9	77.5	77.5
65	85.0	198.0	198.0	91.9	91.9	148.9	215.2	65.2	150.5	96.6	190.4	86.0	206.7	71.9	138.1	142.2	227.6	89.0	89.0	200.9	200.9
	0.0	82.8	82.8	164.6	164.6	120.3	69.6	185.1	119.8	160.2	88.6	169.1	76.9	179.2	128.5	126.2	60.9	166.1	166.1	81.4	81.4
70	81.0	203.5	203.5	84.4	84.4	148.6	222.7	54.6	149.9	90.3	195.0	77.9	212.7	62.6	136.6	140.6	236.0	81.8	81.8	206.1	206.1
	0.0	86.6	86.6	160.8	160.8	120.7	74.7	179.3	120.1	156.9	91.9	164.9	81.1	174.1	128.1	125.9	66.6	162.2	162.2	85.2	85.2
80	73.0	212.3	212.3	71.6	71.6	147.9	234.8	36.5	148.5	79.3	202.3	63.9	222.3	46.8	133.8	137.6	249.6	69.3	69.3	214.5	214.5
	0.0	94.3	94.3	153.1	153.1	121.4	84.8	167.9	120.7	150.3	98.5	156.4	89.6	164.0	127.4	125.3	78.1	154.5	154.5	92.9	92.9
90	67.0	221.9	221.9	58.9	58.9	147.6	247.9	18.5	147.7	68.5	210.4	50.0	232.8	31.0	131.3	135.1	264.3	57.0	57.0	223.9	223.9
	0.0	101.9	101.9	145.4	145.4	122.2	94.9	156.4	121.3	143.7	105.1	147.8	98.1	153.9	126.6	124.7	89.5	146.8	146.8	100.5	100.5

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450
Outrigger Load Chart
Ref.-Nr. 3 083 630
Main boom: 163.4 ft with 39.4 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 264 500 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
100	62.0	231.4	231.4	46.9	46.9	147.5	260.8	1.3	147.1	58.2	218.4	36.9	243.2	15.9	129.1	132.9	278.8	45.2	45.2	233.1	233.1
	0.0	109.6	109.6	137.7	137.7	122.9	104.9	145.0	121.8	137.1	111.7	139.3	106.6	143.8	125.8	124.1	100.9	139.1	139.1	108.2	108.2
110	57.0	239.1	239.1	36.7	36.7	133.9	284.7	0.0	133.0	49.4	224.9	25.6	251.6	3.0	127.1	130.8	290.6	35.2	35.2	240.6	240.6
	0.0	117.2	117.2	130.1	130.1	123.7	115.0	133.6	122.4	130.5	118.2	130.8	115.0	133.7	125.1	123.5	112.3	131.5	131.5	115.8	115.8
120	49.0	238.2	238.2	33.6	33.6	128.7	287.4	0.0	127.4	46.9	223.8	22.5	250.3	0.1	125.2	128.5	289.6	32.6	32.6	239.2	239.2
	0.0	124.8	124.8	122.4	122.4	124.4	125.0	122.2	123.0	123.9	124.8	122.4	123.5	123.7	124.3	122.9	123.7	123.8	123.8	123.4	123.4
130	41.4	235.4	235.4	32.5	32.5	126.3	284.9	0.0	124.7	46.1	221.2	21.5	247.0	0.0	123.4	126.3	286.2	31.9	31.9	236.0	236.0
	0.0	132.4	132.4	114.8	114.8	125.1	135.0	110.8	123.5	117.3	131.3	113.9	131.9	113.6	123.5	122.3	135.0	116.2	116.2	131.0	131.0
140	35.0	233.1	233.1	31.5	31.5	124.2	283.0	0.0	122.2	45.3	219.0	20.6	244.4	0.0	121.6	124.2	283.6	31.2	31.2	233.4	233.4
	0.0	140.0	140.0	107.2	107.2	125.9	145.0	99.5	124.1	110.8	137.8	105.5	140.3	103.6	122.8	121.7	146.3	108.6	108.6	138.6	138.6
150	29.8	232.0	232.0	30.0	30.0	121.4	283.4	0.0	119.2	44.1	217.9	19.1	243.0	0.0	119.1	121.4	283.5	30.0	30.0	232.1	232.1
	0.0	147.5	147.5	99.6	99.6	126.6	154.9	88.2	124.6	104.3	144.3	97.1	148.6	93.7	122.0	121.1	157.5	101.0	101.0	146.1	146.1
160	25.2	230.8	230.8	28.8	28.8	119.2	283.4	0.0	116.8	43.1	216.8	17.9	241.6	0.0	117.1	119.2	283.0	29.0	29.0	230.7	230.7
	0.0	155.0	155.0	92.0	92.0	127.3	164.7	76.9	125.2	97.8	150.7	88.7	156.9	83.8	121.2	120.5	168.7	93.5	93.5	153.6	153.6
170	21.2	229.9	229.9	27.7	27.7	117.1	283.6	0.0	114.5	42.1	215.8	16.8	240.4	0.0	115.2	117.1	282.8	28.1	28.1	229.5	229.5
	0.0	162.4	162.4	84.5	84.5	128.0	174.5	65.8	125.7	91.3	157.1	80.4	165.1	73.9	120.4	119.8	179.7	86.0	86.0	161.0	161.0
180	17.4	228.2	228.2	27.4	27.4	116.2	281.5	0.0	113.4	42.0	214.2	16.6	238.4	0.0	114.6	116.2	280.3	28.0	28.0	227.6	227.6
	0.0	169.8	169.8	77.1	77.1	128.7	184.2	54.7	126.2	84.9	163.4	72.2	173.3	64.2	119.7	119.2	190.7	78.6	78.6	168.3	168.3

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 179.2 ft with 39.4 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 264 500 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
45	100.0	167.5	167.5	130.2	130.2	149.0	173.9	120.1	152.2	129.4	164.6	128.0	173.3	120.1	145.0	149.1	181.1	126.5	126.5	171.1	171.1
	0.0	66.7	66.7	180.9	180.9	118.8	48.4	209.3	118.7	174.3	74.7	187.2	59.0	200.6	130.2	127.5	36.9	182.3	182.3	65.3	65.3
50	94.0	173.3	173.3	121.3	121.3	148.4	182.1	107.7	151.1	121.8	169.5	118.3	179.7	109.2	142.9	146.9	190.3	117.9	117.9	176.7	176.7
	0.0	70.4	70.4	177.2	177.2	119.2	53.4	203.7	119.0	171.0	78.0	183.0	63.2	195.6	129.8	127.2	42.5	178.6	178.6	69.1	69.1
55	88.0	178.2	178.2	113.4	113.4	147.6	188.9	96.8	149.9	115.1	173.5	109.8	184.9	99.7	140.9	144.7	197.8	110.4	110.4	181.2	181.2
	0.0	74.2	74.2	173.4	173.4	119.5	58.3	198.1	119.3	167.8	81.2	178.9	67.4	190.7	129.5	127.0	48.1	174.8	174.8	72.8	72.8
60	83.0	183.3	183.3	105.9	105.9	147.1	195.9	86.2	149.0	108.7	177.7	101.5	190.4	90.4	139.2	142.9	205.7	103.1	103.1	186.0	186.0
	0.0	77.9	77.9	169.7	169.7	119.9	63.3	192.5	119.6	164.5	84.4	174.7	71.5	185.7	129.1	126.7	53.7	171.0	171.0	76.6	76.6
65	79.0	188.8	188.8	98.3	98.3	146.9	203.5	75.5	148.4	102.2	182.3	93.3	196.4	81.0	137.7	141.3	214.2	95.7	95.7	191.4	191.4
	0.0	81.7	81.7	165.9	165.9	120.3	68.2	186.9	119.8	161.3	87.7	170.5	75.7	180.8	128.7	126.4	59.3	167.3	167.3	80.3	80.3
70	74.0	192.2	192.2	92.4	92.4	146.2	208.3	67.3	147.4	97.2	185.1	86.9	200.1	73.9	136.1	139.6	219.6	90.0	90.0	194.5	194.5
	0.0	85.5	85.5	162.1	162.1	120.6	73.1	181.3	120.1	158.1	90.9	166.4	79.8	175.8	128.3	126.1	64.9	163.5	163.5	84.1	84.1
80	68.0	202.9	202.9	78.7	78.7	146.0	222.8	47.7	146.6	85.5	194.1	71.9	211.7	56.7	133.5	137.0	235.9	76.7	76.7	204.9	204.9
	0.0	93.0	93.0	154.6	154.6	121.4	83.0	170.1	120.7	151.6	97.4	158.0	88.2	166.0	127.6	125.5	76.1	156.0	156.0	91.6	91.6
90	62.0	211.5	211.5	67.1	67.1	145.6	234.5	31.2	145.7	75.6	201.3	59.2	221.1	42.3	131.2	134.6	249.0	65.4	65.4	213.2	213.2
	0.0	100.4	100.4	147.1	147.1	122.1	92.9	158.9	121.2	145.1	103.8	149.7	96.5	156.1	126.8	124.9	87.3	148.5	148.5	99.1	99.1
100	56.0	217.9	217.9	57.6	57.6	145.0	243.5	17.9	144.7	67.5	206.7	48.8	228.1	30.6	129.1	132.3	259.0	56.2	56.2	219.4	219.4
	0.0	107.9	107.9	139.6	139.6	122.8	102.7	147.7	121.8	138.7	110.2	141.4	104.7	146.2	126.1	124.3	98.4	141.0	141.0	106.5	106.5

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450

Outrigger Load Chart

Ref.-Nr. 3 083 630

Main boom: 179.2 ft with 39.4 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 264 500 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
110	52.0	226.6	226.6	46.9	46.9	145.1	255.1	2.5	144.3	58.3	214.0	37.1	237.6	17.2	127.2	130.4	272.2	45.7	45.7	227.8	227.8
	0.0	115.4	115.4	132.1	132.1	123.6	112.5	136.6	122.4	132.2	116.6	133.1	113.0	136.4	125.3	123.7	109.5	133.5	133.5	114.0	114.0
120	47.0	231.5	231.5	39.5	39.5	136.6	269.9	0.0	135.4	52.0	218.0	29.0	242.9	8.0	125.5	128.6	279.8	38.5	38.5	232.5	232.5
	0.0	122.8	122.8	124.6	124.6	124.3	122.3	125.4	122.9	125.8	123.0	124.8	121.2	126.6	124.6	123.2	120.6	126.0	126.0	121.4	121.4
130	42.2	235.2	235.2	33.4	33.4	127.6	283.4	0.0	126.0	46.8	221.0	22.4	246.8	0.7	123.9	126.9	285.6	32.6	32.6	235.9	235.9
	0.0	130.2	130.2	117.2	117.2	125.0	132.1	114.3	123.5	119.4	129.4	116.6	129.5	116.8	123.8	122.6	131.7	118.6	118.6	128.8	128.8
140	36.0	233.4	233.4	32.0	32.0	124.9	282.8	0.0	123.1	45.7	219.3	21.1	244.7	0.0	122.3	124.9	283.6	31.6	31.6	233.8	233.8
	0.0	137.6	137.6	109.8	109.8	125.7	141.8	103.3	124.0	113.0	135.8	108.3	137.6	107.0	123.1	122.0	142.7	111.2	111.2	136.2	136.2
150	30.8	232.3	232.3	30.5	30.5	122.2	283.2	0.0	120.1	44.4	218.2	19.5	243.3	0.0	119.8	122.2	283.5	30.3	30.3	232.4	232.4
	0.0	145.0	145.0	102.4	102.4	126.4	151.5	92.2	124.5	106.6	142.1	100.1	145.8	97.3	122.3	121.4	153.7	103.8	103.8	143.6	143.6
160	26.2	231.1	231.1	29.3	29.3	120.0	283.2	0.0	117.6	43.4	217.0	18.4	241.9	0.0	117.8	120.0	283.0	29.4	29.4	231.0	231.0
	0.0	152.3	152.3	95.0	95.0	127.1	161.1	81.3	125.1	100.3	148.4	92.0	153.9	87.6	121.6	120.8	164.6	96.4	96.4	150.9	150.9
170	22.2	230.2	230.2	28.1	28.1	117.9	283.4	0.0	115.3	42.5	216.1	17.2	240.8	0.0	116.0	117.9	282.8	28.4	28.4	229.9	229.9
	0.0	159.6	159.6	87.7	87.7	127.8	170.7	70.4	125.6	94.0	154.7	83.9	161.9	78.0	120.9	120.2	175.4	89.1	89.1	158.1	158.1
180	18.6	229.2	229.2	27.3	27.3	116.3	283.1	0.0	113.5	41.8	215.1	16.4	239.6	0.0	114.5	116.3	282.1	27.8	27.8	228.7	228.7
	0.0	166.8	166.8	80.4	80.4	128.5	180.2	59.6	126.1	87.7	160.8	75.8	169.9	68.4	120.1	119.6	186.2	81.8	81.8	165.3	165.3
190	15.2	227.5	227.5	27.1	27.1	115.7	280.9	0.0	112.8	41.7	213.6	16.3	237.7	0.0	114.1	115.7	279.6	27.8	27.8	226.9	226.9
	0.0	173.9	173.9	73.2	73.2	129.2	189.5	48.8	126.6	81.6	167.0	67.8	177.8	59.0	119.4	119.0	196.8	74.6	74.6	172.4	172.4

* Loads and Outrigger loads are shown in 1000 lbs

Outrigger base 28.7 x 29.2 ft

264 500 lbs (120 t) counterweight

Length of boom extension 59.1 ft

Offset of boom extension 3 °

Reference chart 85% (lbs / ft)

3 083 631

Length of boom extension 59.1 ft

Offset of boom extension 3 °

outrigger base 28.7 x 29.2 ft

264 500 lbs (120 t) counterweight

	Main boom - fixed length in ft		
	147.6	163.4	179.2
Tel. sec. I	0.88	0.88	0.88
Tel. sec. II	0.88	0.88	0.88
Tel. sec. III	0.88	0.88	0.88
Tel. sec. IV	0.00	0.44	0.88
Radius in feet	Lifting capacities in 1000 lbs		
40.0	90.0		
45.0	86.0	86.0	
50.0	82.0	81.0	78.0
55.0	77.0	77.0	74.0
60.0	74.0	73.0	69.0
65.0	70.0	69.0	65.0
70.0	66.0	65.0	62.0
75.0	63.0	62.0	58.0
80.0	59.0	59.0	55.0
85.0	56.0	56.0	52.0
90.0	54.0	53.0	50.0
95.0	52.0	51.0	48.0
100.0	50.0	49.0	46.0
105.0	47.0	47.0	43.8
110.0	45.0	45.0	42.2
115.0	43.8	43.4	40.8
120.0	42.4	41.8	39.4
125.0	41.0	40.2	37.8
130.0	39.4	39.0	36.4
135.0	38.0	37.8	35.0
140.0	36.2	36.6	33.8
145.0	33.4	34.2	32.4
150.0	30.8	31.8	31.2
155.0	28.4	29.4	29.8
160.0	26.2	27.0	27.8
165.0	24.2	25.0	25.6

Reference chart 85% (lbs / ft)

3 083 631

Length of boom extension 59.1 ft

Offset of boom extension 3 °

outrigger base 28.7 x 29.2 ft

264 500 lbs (120 t) counterweight

	Main boom - fixed length in ft		
	147.6	163.4	179.2
Tel. sec. I	0.88	0.88	0.88
Tel. sec. II	0.88	0.88	0.88
Tel. sec. III	0.88	0.88	0.88
Tel. sec. IV	0.00	0.44	0.88
Radius in feet	Lifting capacities in 1000 lbs		
170.0	22.2	23.0	23.8
175.0	20.4	21.2	22.0
180.0	18.6	19.4	20.2
185.0		17.8	18.4
190.0		16.0	16.8
195.0		14.6	15.2
200.0		13.0	13.8
205.0			12.4
210.0			11.0
215.0			9.8

Main boom: 147.6 ft with 59.1 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.00

Counterweight: 264 500 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
40	90.0	145.5	145.5	147.7	147.7	145.1	145.7	147.4	148.2	144.6	145.5	147.6	148.8	144.3	145.0	148.2	149.0	144.5	144.5	148.7	148.7
	0.0	62.7	62.7	185.6	185.6	118.6	43.1	216.0	118.7	178.2	71.3	192.3	54.6	206.5	130.9	128.2	30.9	186.9	186.9	61.3	61.3
45	86.0	153.1	153.1	138.1	138.1	145.0	155.9	133.7	147.8	136.4	151.8	137.1	157.1	132.3	143.2	146.4	160.5	135.1	135.1	156.1	156.1
	0.0	66.4	66.4	181.8	181.8	119.0	48.0	210.4	119.0	175.0	74.6	188.1	58.8	201.5	130.5	127.9	36.5	183.1	183.1	65.1	65.1
50	82.0	160.0	160.0	129.2	129.2	144.9	165.3	121.0	147.3	128.8	157.6	127.4	164.6	121.2	141.6	144.7	171.0	126.5	126.5	162.8	162.8
	0.0	70.2	70.2	178.0	178.0	119.4	53.0	204.8	119.3	171.7	77.8	183.9	63.0	196.6	130.2	127.6	42.1	179.3	179.3	68.9	68.9
55	77.0	165.0	165.0	121.7	121.7	144.3	172.2	110.5	146.4	122.4	161.8	119.3	170.0	112.0	139.8	142.9	178.7	119.2	119.2	167.5	167.5
	0.0	74.0	74.0	174.2	174.2	119.8	57.9	199.2	119.6	168.5	81.1	179.7	67.1	191.6	129.8	127.3	47.7	175.6	175.6	72.6	72.6
60	74.0	171.6	171.6	113.6	113.6	144.4	181.1	98.8	146.1	115.4	167.4	110.3	177.3	101.7	138.4	141.5	188.8	111.2	111.2	174.0	174.0
	0.0	77.7	77.7	170.5	170.5	120.1	62.9	193.5	119.8	165.2	84.3	175.6	71.3	186.6	129.4	127.0	53.3	171.8	171.8	76.4	76.4
65	70.0	176.4	176.4	106.8	106.8	144.0	187.7	89.2	145.4	109.6	171.4	102.9	182.5	93.3	137.0	139.9	196.2	104.6	104.6	178.6	178.6
	0.0	81.5	81.5	166.7	166.7	120.5	67.8	187.9	120.1	162.0	87.5	171.4	75.5	181.7	129.0	126.7	58.9	168.0	168.0	80.2	80.2
70	66.0	180.5	180.5	100.7	100.7	143.6	193.4	80.7	144.7	104.4	174.8	96.3	186.9	85.8	135.6	138.5	202.5	98.7	98.7	182.5	182.5
	0.0	85.3	85.3	162.9	162.9	120.9	72.8	182.3	120.4	158.7	90.8	167.2	79.7	176.7	128.7	126.4	64.6	164.3	164.3	83.9	83.9
80	59.0	188.2	188.2	89.5	89.5	143.0	204.0	64.9	143.5	94.9	181.2	84.1	195.2	72.0	133.1	135.8	214.4	87.9	87.9	189.8	189.8
	0.0	92.8	92.8	155.4	155.4	121.6	82.7	171.1	121.0	152.3	97.2	158.8	88.0	166.8	127.9	125.9	75.8	156.7	156.7	91.5	91.5
90	54.0	197.0	197.0	78.1	78.1	142.8	216.0	48.6	142.9	85.2	188.6	71.6	204.9	57.8	131.0	133.7	227.9	76.8	76.8	198.4	198.4
	0.0	100.3	100.3	147.8	147.8	122.3	92.6	159.8	121.5	145.8	103.7	150.5	96.3	156.9	127.2	125.3	87.0	149.2	149.2	99.0	99.0

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450

Outrigger Load Chart

Ref.-Nr. 3 083 631

Main boom: 147.6 ft with 59.1 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.00

Counterweight: 264 500 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
100	50.0	206.1	206.1	67.1	67.1	142.9	228.2	32.7	142.5	75.7	196.3	59.5	214.8	43.8	129.1	131.8	241.6	65.9	65.9	207.2	207.2
	0.0	107.8	107.8	140.3	140.3	123.1	102.5	148.6	122.1	139.3	110.2	142.1	104.7	147.0	126.4	124.7	98.2	141.6	141.6	106.5	106.5
110	45.0	211.6	211.6	59.0	59.0	142.4	235.8	21.4	141.6	68.8	200.9	50.7	220.8	33.9	127.3	129.9	250.1	58.1	58.1	212.5	212.5
	0.0	115.3	115.3	132.8	132.8	123.8	112.4	137.4	122.7	132.8	116.7	133.8	113.0	137.1	125.6	124.1	109.4	134.1	134.1	114.0	114.0
120	42.4	220.9	220.9	48.4	48.4	142.8	248.2	5.9	141.7	59.7	208.8	39.0	231.0	20.3	125.7	128.4	264.2	47.6	47.6	221.7	221.7
	0.0	122.8	122.8	125.2	125.2	124.5	122.3	126.2	123.2	126.3	123.1	125.4	121.3	127.2	124.9	123.5	120.6	126.6	126.6	121.5	121.5
130	39.4	228.3	228.3	39.4	39.4	135.9	265.2	0.0	134.4	52.0	215.1	29.2	239.2	8.9	124.2	127.0	275.4	38.8	38.8	228.9	228.9
	0.0	130.3	130.3	117.7	117.7	125.3	132.1	115.0	123.8	119.8	129.5	117.1	129.6	117.3	124.1	122.9	131.7	119.1	119.1	129.0	129.0
140	36.2	234.1	234.1	32.0	32.0	125.1	283.8	0.0	123.3	45.7	220.0	21.1	245.5	0.0	122.4	125.1	284.7	31.5	31.5	234.6	234.6
	0.0	137.8	137.8	110.2	110.2	126.0	141.9	103.8	124.3	113.4	136.0	108.8	137.9	107.4	123.4	122.3	142.9	111.6	111.6	136.5	136.5
150	30.8	232.6	232.6	30.8	30.8	122.8	283.1	0.0	120.8	44.7	218.5	19.9	243.7	0.0	120.4	122.8	283.5	30.6	30.6	232.7	232.7
	0.0	145.3	145.3	102.7	102.7	126.7	151.7	92.6	124.9	106.9	142.4	100.5	146.1	97.6	122.6	121.7	154.0	104.1	104.1	143.9	143.9
160	26.2	231.5	231.5	29.5	29.5	120.5	283.4	0.0	118.2	43.7	217.4	18.6	242.4	0.0	118.3	120.5	283.3	29.6	29.6	231.5	231.5
	0.0	152.7	152.7	95.2	95.2	127.4	161.5	81.5	125.4	100.5	148.8	92.2	154.4	87.8	121.9	121.1	165.1	96.6	96.6	151.3	151.3
170	22.2	230.7	230.7	28.2	28.2	118.2	284.0	0.0	115.7	42.6	216.6	17.3	241.4	0.0	116.2	118.2	283.5	28.5	28.5	230.5	230.5
	0.0	160.1	160.1	87.8	87.8	128.1	171.3	70.4	126.0	94.1	155.1	84.0	162.5	78.0	121.1	120.5	176.1	89.2	89.2	158.7	158.7
180	18.6	229.9	229.9	27.2	27.2	116.4	284.1	0.0	113.7	41.8	215.8	16.3	240.3	0.0	114.6	116.4	283.2	27.7	27.7	229.4	229.4
	0.0	167.4	167.4	80.4	80.4	128.8	181.0	59.3	126.5	87.7	161.5	75.7	170.7	68.2	120.4	119.9	187.1	81.7	81.7	166.1	166.1

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 147.6 ft with 59.1 ft Boom extension, 3 ° offset
Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.00

Counterweight: 264 500 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
190	15.2	228.4	228.4	26.9	26.9	115.5	282.4	0.0	112.7	41.5	214.4	16.1	238.6	0.0	113.9	115.5	281.2	27.5	27.5	227.8	227.8
	0.0	174.7	174.7	73.0	73.0	129.5	190.6	48.4	127.0	81.4	167.7	67.6	178.8	58.5	119.6	119.3	198.0	74.4	74.4	173.3	173.3

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 163.4 ft with 59.1 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 264 500 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
45	86.0	152.5	152.5	138.9	138.9	145.0	155.1	134.8	147.8	137.0	151.3	138.0	156.4	133.2	143.4	146.6	159.6	135.9	135.9	155.5	155.5
	0.0	65.8	65.8	182.5	182.5	119.0	47.2	211.5	119.0	175.6	74.1	188.9	58.2	202.5	130.7	128.0	35.6	183.9	183.9	64.5	64.5
50	81.0	158.2	158.2	130.7	130.7	144.6	163.0	123.2	147.0	130.0	156.1	129.0	162.6	123.1	141.6	144.7	168.4	127.9	127.9	161.0	161.0
	0.0	69.5	69.5	178.9	178.9	119.4	52.1	206.0	119.3	172.4	77.3	184.8	62.2	197.6	130.3	127.8	41.1	180.2	180.2	68.2	68.2
55	77.0	164.2	164.2	122.7	122.7	144.3	171.2	111.8	146.4	123.2	161.1	120.3	169.2	113.1	140.0	143.0	177.6	120.1	120.1	166.8	166.8
	0.0	73.2	73.2	175.2	175.2	119.8	56.9	200.5	119.6	169.3	80.4	180.7	66.3	192.8	129.9	127.5	46.6	176.5	176.5	71.9	71.9
60	73.0	169.5	169.5	115.3	115.3	144.1	178.5	101.5	145.8	116.9	165.6	112.3	175.0	104.1	138.5	141.5	185.8	113.0	113.0	171.9	171.9
	0.0	76.9	76.9	171.5	171.5	120.1	61.8	195.0	119.9	166.1	83.6	176.6	70.4	187.9	129.6	127.2	52.1	172.8	172.8	75.6	75.6
65	69.0	174.2	174.2	108.7	108.7	143.7	184.8	92.1	145.1	111.3	169.4	105.1	180.0	95.9	137.0	139.9	192.9	106.6	106.6	176.3	176.3
	0.0	80.6	80.6	167.8	167.8	120.5	66.7	189.5	120.1	162.9	86.8	172.5	74.5	183.0	129.2	126.9	57.6	169.1	169.1	79.3	79.3
70	65.0	178.1	178.1	102.8	102.8	143.3	190.3	83.8	144.4	106.2	172.7	98.6	184.2	88.6	135.6	138.5	199.0	100.8	100.8	180.0	180.0
	0.0	84.3	84.3	164.1	164.1	120.8	71.5	183.9	120.4	159.7	90.0	168.4	78.6	178.2	128.8	126.6	63.1	165.4	165.4	83.0	83.0
80	59.0	187.1	187.1	90.8	90.8	142.9	202.5	66.7	143.5	96.0	180.2	85.5	194.0	73.7	133.3	136.0	212.8	89.1	89.1	188.7	188.7
	0.0	91.7	91.7	156.7	156.7	121.6	81.2	172.9	121.0	153.3	96.3	160.2	86.8	168.4	128.1	126.0	74.1	158.0	158.0	90.4	90.4
90	53.0	194.0	194.0	80.9	80.9	142.4	212.0	52.8	142.5	87.5	186.0	74.7	201.5	61.5	131.1	133.7	223.4	79.5	79.5	195.3	195.3
	0.0	99.1	99.1	149.3	149.3	122.3	90.9	161.9	121.5	147.0	102.7	152.0	95.0	158.7	127.4	125.5	85.1	150.6	150.6	97.8	97.8
100	49.0	202.7	202.7	70.1	70.1	142.4	223.8	37.3	142.1	78.3	193.4	62.9	211.1	47.9	129.2	131.9	236.7	69.0	69.0	203.8	203.8
	0.0	106.4	106.4	141.9	141.9	123.0	100.6	150.9	122.1	140.6	109.0	143.9	103.1	149.0	126.6	124.9	96.1	143.2	143.2	105.1	105.1

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450

Outrigger Load Chart

Ref.-Nr. 3 083 631

Main boom: 163.4 ft with 59.1 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 264 500 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
110	45.0	210.0	210.0	60.8	60.8	142.3	233.7	23.9	141.6	70.3	199.6	52.6	219.1	36.1	127.5	130.1	247.8	59.8	59.8	211.0	211.0
	0.0	113.8	113.8	134.5	134.5	123.7	110.3	139.9	122.6	134.3	115.3	135.7	111.3	139.3	125.9	124.3	107.1	135.8	135.8	112.5	112.5
120	41.8	217.8	217.8	51.4	51.4	142.4	244.2	10.3	141.4	62.2	206.1	42.3	227.6	24.2	125.9	128.6	259.6	50.6	50.6	218.6	218.6
	0.0	121.1	121.1	127.1	127.1	124.4	120.0	128.9	123.2	127.9	121.7	127.5	119.4	129.6	125.2	123.7	118.0	128.4	128.4	119.8	119.8
130	39.0	225.5	225.5	42.3	42.3	139.8	257.3	0.0	138.4	54.5	212.6	32.3	236.0	12.6	124.5	127.2	271.2	41.6	41.6	226.1	226.1
	0.0	128.5	128.5	119.8	119.8	125.1	129.7	117.9	123.7	121.6	128.0	119.4	127.6	119.9	124.4	123.2	129.0	121.1	121.1	127.2	127.2
140	36.6	233.2	233.2	33.3	33.3	127.1	280.6	0.0	125.3	46.8	219.2	22.5	244.5	1.2	123.1	125.9	282.8	32.8	32.8	233.7	233.7
	0.0	135.8	135.8	112.4	112.4	125.9	139.3	107.0	124.3	115.3	134.3	111.2	135.7	110.2	123.7	122.6	139.9	113.7	113.7	134.5	134.5
150	31.8	233.2	233.2	30.8	30.8	123.0	284.1	0.0	121.0	44.7	219.1	19.9	244.5	0.0	120.5	123.0	284.6	30.6	30.6	233.5	233.5
	0.0	143.1	143.1	105.1	105.1	126.6	148.9	96.1	124.8	109.0	140.5	103.1	143.8	100.6	122.9	122.0	150.8	106.4	106.4	141.8	141.8
160	27.0	231.6	231.6	30.0	30.0	121.3	282.8	0.0	119.1	44.1	217.5	19.1	242.5	0.0	119.1	121.3	282.9	30.0	30.0	231.6	231.6
	0.0	150.4	150.4	97.8	97.8	127.3	158.5	85.2	125.4	102.7	146.8	95.0	151.8	91.0	122.2	121.4	161.6	99.1	99.1	149.0	149.0
170	23.0	230.8	230.8	28.8	28.8	119.1	283.4	0.0	116.7	43.0	216.7	17.9	241.5	0.0	117.0	119.1	283.0	29.0	29.0	230.6	230.6
	0.0	157.6	157.6	90.5	90.5	128.0	168.0	74.3	125.9	96.4	153.0	86.9	159.8	81.4	121.5	120.9	172.4	91.8	91.8	156.3	156.3
180	19.4	229.9	229.9	27.8	27.8	117.3	283.5	0.0	114.7	42.2	215.9	16.9	240.5	0.0	115.4	117.3	282.7	28.2	28.2	229.6	229.6
	0.0	164.8	164.8	83.2	83.2	128.6	177.5	63.5	126.4	90.2	159.2	78.9	167.8	71.9	120.7	120.3	183.2	84.6	84.6	163.5	163.5
190	16.0	228.5	228.5	27.5	27.5	116.5	281.8	0.0	113.7	42.0	214.5	16.7	238.8	0.0	114.8	116.5	280.7	28.0	28.0	227.9	227.9
	0.0	172.0	172.0	76.0	76.0	129.3	186.9	52.8	126.9	83.9	165.4	70.9	175.7	62.4	120.0	119.7	193.9	77.3	77.3	170.6	170.6

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 163.4 ft with 59.1 ft Boom extension, 3 ° offset
Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 264 500 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
200	13.0	227.2	227.2	27.2	27.2	115.6	280.4	0.0	112.7	41.8	213.3	16.4	237.3	0.0	114.1	115.6	279.0	27.9	27.9	226.5	226.5
	0.0	179.1	179.1	68.8	68.8	130.0	196.3	42.1	127.4	77.8	171.5	62.9	183.6	53.0	119.3	119.1	204.4	70.2	70.2	177.7	177.7

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 179.2 ft with 59.1 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 264 500 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<----- L O A D P O S I T I O N S ----->

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
50	78.0	154.4	154.4	133.2	133.2	143.6	158.2	127.3	146.0	132.2	152.7	131.9	158.3	126.8	141.3	144.2	162.9	130.5	130.5	157.0	157.0
	0.0	69.0	69.0	179.6	179.6	119.4	51.4	207.0	119.4	173.1	76.8	185.6	61.7	198.5	130.4	127.9	40.3	180.9	180.9	67.7	67.7
55	74.0	160.1	160.1	125.5	125.5	143.4	165.9	116.4	145.4	125.6	157.5	123.5	164.5	117.2	139.7	142.6	171.6	123.1	123.1	162.5	162.5
	0.0	72.6	72.6	175.9	175.9	119.8	56.1	201.6	119.6	169.9	79.9	181.6	65.7	193.7	130.1	127.6	45.7	177.2	177.2	71.3	71.3
60	69.0	163.8	163.8	119.2	119.2	142.7	171.2	107.8	144.4	120.3	160.5	116.7	168.5	109.7	138.1	140.8	177.4	117.1	117.1	166.0	166.0
	0.0	76.3	76.3	172.3	172.3	120.1	60.9	196.2	119.9	166.8	83.1	177.5	69.7	188.9	129.7	127.3	51.1	173.6	173.6	75.0	75.0
65	65.0	168.0	168.0	113.0	113.0	142.3	177.0	99.1	143.7	115.0	164.0	109.9	173.1	102.1	136.7	139.3	184.0	111.1	111.1	170.0	170.0
	0.0	79.9	79.9	168.6	168.6	120.5	65.7	190.7	120.2	163.7	86.2	173.5	73.7	184.1	129.4	127.1	56.5	169.9	169.9	78.6	78.6
70	62.0	173.0	173.0	106.6	106.6	142.2	183.7	89.8	143.3	109.5	168.2	102.9	178.5	94.0	135.5	138.1	191.5	104.7	104.7	174.8	174.8
	0.0	83.5	83.5	165.0	165.0	120.8	70.5	185.3	120.5	160.5	89.3	169.5	77.8	179.4	129.0	126.8	61.9	166.3	166.3	82.2	82.2
80	55.0	179.7	179.7	96.3	96.3	141.5	193.1	75.5	142.0	100.8	173.8	91.7	185.8	81.5	133.1	135.5	202.0	94.8	94.8	181.2	181.2
	0.0	90.8	90.8	157.7	157.7	121.5	80.0	174.5	121.0	154.3	95.6	161.4	85.8	169.8	128.3	126.2	72.8	159.0	159.0	89.5	89.5
90	50.0	187.6	187.6	85.9	85.9	141.2	203.8	60.7	141.3	91.9	180.4	80.4	194.4	68.5	131.1	133.4	214.0	84.7	84.7	188.8	188.8
	0.0	98.0	98.0	150.5	150.5	122.3	89.6	163.6	121.6	148.0	101.8	153.4	93.8	160.2	127.6	125.7	83.6	151.8	151.8	96.8	96.8
100	46.0	195.7	195.7	75.8	75.8	141.2	214.7	46.2	140.9	83.2	187.2	69.3	203.2	55.7	129.3	131.6	226.3	74.8	74.8	196.7	196.7
	0.0	105.3	105.3	143.2	143.2	123.0	99.1	152.8	122.1	141.8	108.0	145.3	101.9	150.7	126.8	125.1	94.4	144.5	144.5	104.0	104.0
110	42.2	202.8	202.8	66.8	66.8	141.1	224.4	33.2	140.4	75.5	193.2	59.4	211.0	44.4	127.6	130.0	237.2	66.0	66.0	203.6	203.6
	0.0	112.5	112.5	135.9	135.9	123.7	108.6	142.0	122.6	135.5	114.3	137.3	109.9	141.1	126.1	124.5	105.2	137.2	137.2	111.2	111.2

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450
Outrigger Load Chart
Ref.-Nr. 3 083 631
Main boom: 179.2 ft with 59.1 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 264 500 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
120	39.4	210.9	210.9	57.3	57.3	141.3	235.2	19.4	140.3	67.4	200.1	48.9	219.9	32.3	126.1	128.5	249.4	56.6	56.6	211.6	211.6
	0.0	119.8	119.8	128.7	128.7	124.4	118.1	131.2	123.2	129.3	120.5	129.2	117.9	131.6	125.4	124.0	115.9	130.0	130.0	118.5	118.5
130	36.4	217.5	217.5	49.1	49.1	141.4	244.1	7.7	140.0	60.4	205.7	40.0	227.1	22.0	124.7	127.1	259.4	48.6	48.6	218.0	218.0
	0.0	127.0	127.0	121.5	121.5	125.1	127.6	120.4	123.7	123.1	126.7	121.2	125.9	122.1	124.7	123.4	126.7	122.8	122.8	125.7	125.7
140	33.8	224.1	224.1	41.2	41.2	137.7	256.8	0.0	136.1	53.6	211.3	31.3	234.4	11.9	123.4	125.8	269.4	40.8	40.8	224.5	224.5
	0.0	134.2	134.2	114.2	114.2	125.8	137.1	109.7	124.3	116.8	132.9	113.2	133.9	112.6	123.9	122.8	137.4	115.5	115.5	132.9	132.9
150	31.2	229.8	229.8	34.2	34.2	127.7	274.5	0.0	125.7	47.6	216.1	23.6	240.6	3.0	122.2	124.6	278.1	33.9	33.9	230.0	230.0
	0.0	141.3	141.3	107.0	107.0	126.5	146.6	98.9	124.8	110.6	139.0	105.2	141.8	103.1	123.2	122.3	148.1	108.3	108.3	140.0	140.0
160	27.8	232.1	232.1	30.1	30.1	121.6	283.5	0.0	119.4	44.1	218.0	19.2	243.1	0.0	119.2	121.6	283.7	30.0	30.0	232.2	232.2
	0.0	148.5	148.5	99.8	99.8	127.2	156.0	88.2	125.3	104.5	145.2	97.3	149.7	93.7	122.5	121.7	158.8	101.2	101.2	147.2	147.2
170	23.8	231.4	231.4	28.8	28.8	119.3	284.1	0.0	116.9	43.1	217.2	17.9	242.2	0.0	117.2	119.3	283.9	29.0	29.0	231.2	231.2
	0.0	155.6	155.6	92.7	92.7	127.8	165.3	77.6	125.8	98.3	151.3	89.3	157.6	84.3	121.8	121.1	169.4	94.0	94.0	154.3	154.3
180	20.2	230.5	230.5	27.8	27.8	117.5	284.2	0.0	114.9	42.3	216.4	16.9	241.1	0.0	115.6	117.5	283.6	28.1	28.1	230.2	230.2
	0.0	162.7	162.7	85.5	85.5	128.5	174.7	66.9	126.4	92.2	157.4	81.4	165.5	74.9	121.0	120.6	180.0	86.9	86.9	161.4	161.4
190	16.8	229.1	229.1	27.5	27.5	116.7	282.6	0.0	113.9	42.0	215.0	16.7	239.5	0.0	114.9	116.7	281.6	28.0	28.0	228.6	228.6
	0.0	169.8	169.8	78.4	78.4	129.2	184.0	56.4	126.9	86.0	163.5	73.6	173.3	65.6	120.3	120.0	190.5	79.8	79.8	168.4	168.4
200	13.8	227.9	227.9	27.2	27.2	115.8	281.4	0.0	112.9	41.8	213.9	16.3	238.0	0.0	114.2	115.8	280.1	27.8	27.8	227.2	227.2
	0.0	176.8	176.8	71.4	71.4	129.9	193.2	45.9	127.4	80.0	169.5	65.8	181.0	56.3	119.6	119.4	201.0	72.7	72.7	175.4	175.4

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 179.2 ft with 59.1 ft Boom extension, 3 ° offset
Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 264 500 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
210	11.0	226.4	226.4	27.2	27.2	115.5	279.1	0.0	112.5	41.8	212.5	16.5	236.3	0.0	114.1	115.5	277.5	28.0	28.0	225.6	225.6
	0.0	183.7	183.7	64.4	64.4	130.5	202.3	35.4	127.9	73.9	175.5	58.0	188.7	47.1	118.9	118.9	211.3	65.7	65.7	182.3	182.3

* Loads and Outrigger loads are shown in 1000 lbs

Outrigger base 28.7 x 29.2 ft

264 500 lbs (120 t) counterweight

Length of boom extension 78.7 ft

Offset of boom extension 3 °

Reference chart 85% (lbs / ft)

3 083 632

Length of boom extension 78.7 ft

Offset of boom extension 3 °

outrigger base 28.7 x 29.2 ft

264 500 lbs (120 t) counterweight

	Main boom - fixed length in ft		
	147.6	163.4	179.2
Tel. sec. I	0.88	0.88	0.88
Tel. sec. II	0.88	0.88	0.88
Tel. sec. III	0.88	0.88	0.88
Tel. sec. IV	0.00	0.44	0.88
Radius in feet	Lifting capacities in 1000 lbs		
45.0	69.0		
50.0	66.0	66.0	
55.0	63.0	63.0	62.0
60.0	60.0	61.0	59.0
65.0	57.0	58.0	56.0
70.0	54.0	55.0	52.0
75.0	51.0	52.0	50.0
80.0	49.0	49.0	48.0
85.0	47.0	47.0	45.0
90.0	45.0	45.0	43.2
95.0	42.4	43.2	41.4
100.0	40.8	41.4	39.8
105.0	39.2	39.4	38.2
110.0	37.8	38.0	36.6
115.0	36.2	36.8	35.0
120.0	34.6	35.4	33.6
125.0	33.2	34.2	32.2
130.0	32.0	32.8	30.8
135.0	30.6	31.4	29.4
140.0	29.2	30.4	28.0
145.0	28.0	29.2	26.6
150.0	26.6	28.0	25.8
155.0	25.4	27.0	25.0
160.0	24.8	25.8	24.2
165.0	24.0	24.6	23.6
170.0	23.4	23.8	22.8

Reference chart 85% (lbs / ft)

3 083 632

Length of boom extension 78.7 ft

Offset of boom extension 3 °

outrigger base 28.7 x 29.2 ft

264 500 lbs (120 t) counterweight

	Main boom - fixed length in ft		
	147.6	163.4	179.2
Tel. sec. I	0.88	0.88	0.88
Tel. sec. II	0.88	0.88	0.88
Tel. sec. III	0.88	0.88	0.88
Tel. sec. IV	0.00	0.44	0.88
Radius in feet	Lifting capacities in 1000 lbs		
175.0	22.6	23.2	22.0
180.0	20.8	21.4	21.4
185.0	19.2	19.8	20.2
190.0	17.6	18.2	18.8
195.0	16.0	16.6	17.2
200.0	14.4	15.2	15.6
205.0		13.8	14.2
210.0		12.4	12.8
215.0		11.0	11.6
220.0		9.8	10.4
225.0			9.2
230.0			8.2
235.0			7.2

Main boom: 147.6 ft with 78.7 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.00

Counterweight: 264 500 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
45	69.0 0.0	134.0 64.5	134.0 64.5	149.3 184.4	149.3 184.4	139.9 119.1	131.9 45.4	152.6 214.1	142.3 119.2	146.2 177.2	134.9 72.9	150.0 190.9	135.5 56.7	149.2 204.8	141.2 131.0	143.3 128.4	133.0 33.5	147.1 185.6	147.1 185.6	136.2 63.2	136.2 63.2
50	66.0 0.0	140.3 68.0	140.3 68.0	141.5 180.8	141.5 180.8	139.9 119.4	140.4 50.1	141.3 208.8	142.0 119.4	139.5 174.1	140.2 76.0	141.5 187.0	142.4 60.6	139.4 200.0	139.9 130.7	141.9 128.1	142.5 38.8	139.5 182.1	139.5 182.1	142.3 66.8	142.3 66.8
55	63.0 0.0	146.1 71.6	146.1 71.6	134.3 177.2	134.3 177.2	139.9 119.8	148.2 54.8	130.9 203.4	141.6 119.7	133.3 171.0	145.1 79.1	133.5 183.0	148.7 64.6	130.2 195.3	138.5 130.3	140.6 127.9	151.3 44.1	132.4 178.5	132.4 178.5	148.0 70.4	148.0 70.4
60	60.0 0.0	151.3 75.2	151.3 75.2	127.5 173.6	127.5 173.6	139.8 120.1	155.3 59.5	121.2 198.1	141.3 120.0	127.5 167.9	149.5 82.1	126.1 179.0	154.4 68.5	121.7 190.6	137.3 130.0	139.3 127.6	159.3 49.5	125.8 174.9	125.8 174.9	153.1 73.9	153.1 73.9
65	57.0 0.0	156.0 78.8	156.0 78.8	121.3 170.1	121.3 170.1	139.7 120.5	161.8 64.2	112.4 192.8	140.9 120.2	122.2 164.9	153.5 85.2	119.3 175.1	159.6 72.5	113.9 185.9	136.1 129.6	138.1 127.3	166.6 54.8	119.7 171.3	119.7 171.3	157.6 77.5	157.6 77.5
70	54.0 0.0	160.3 82.3	160.3 82.3	115.6 166.5	115.6 166.5	139.5 120.8	167.5 68.9	104.3 187.4	140.4 120.5	117.3 161.8	157.0 88.3	113.1 171.1	164.2 76.5	106.8 181.2	134.9 129.3	136.9 127.0	173.0 60.1	114.1 167.7	114.1 167.7	161.7 81.1	161.7 81.1
80	49.0 0.0	168.7 89.5	168.7 89.5	104.6 159.3	104.6 159.3	139.3 121.5	179.0 78.3	88.6 176.7	139.7 121.1	108.0 155.6	164.2 94.5	101.1 163.2	173.4 84.4	93.1 171.8	132.8 128.5	134.8 126.5	185.9 70.8	103.4 160.6	103.4 160.6	169.9 88.2	169.9 88.2
90	45.0 0.0	177.2 96.6	177.2 96.6	94.1 152.1	94.1 152.1	139.3 122.2	190.5 87.7	73.4 166.1	139.4 121.6	98.9 149.5	171.4 100.6	89.5 155.2	182.8 92.3	79.8 162.4	131.0 127.8	132.9 125.9	198.9 81.5	93.1 153.4	93.1 153.4	178.2 95.4	178.2 95.4
100	40.8 0.0	184.0 103.8	184.0 103.8	85.2 145.0	85.2 145.0	139.1 122.9	199.7 97.1	60.8 155.4	138.8 122.1	91.4 143.3	177.0 106.8	79.9 147.3	190.1 100.2	68.7 153.0	129.3 127.1	131.2 125.4	209.1 92.1	84.4 146.3	84.4 146.3	184.7 102.5	184.7 102.5

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450

Outrigger Load Chart

Ref.-Nr. 3 083 632

Main boom: 147.6 ft with 78.7 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.00

Counterweight: 264 500 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
110	37.8	191.8	191.8	75.9	75.9	139.3	210.2	47.3	138.6	83.4	183.7	69.6	198.7	56.9	127.8	129.7	221.0	75.3	75.3	192.4	192.4
	0.0	110.9	110.9	137.8	137.8	123.6	106.5	144.7	122.7	137.1	112.9	139.3	108.2	143.5	126.4	124.8	102.8	139.1	139.1	109.7	109.7
120	34.6	198.1	198.1	67.9	67.9	139.2	218.7	35.9	138.2	76.6	189.0	60.9	205.6	46.9	126.3	128.3	230.6	67.5	67.5	198.6	198.6
	0.0	118.1	118.1	130.7	130.7	124.3	115.9	134.1	123.2	131.0	119.1	131.4	116.1	134.1	125.7	124.3	113.4	131.9	131.9	116.8	116.8
130	32.0	204.8	204.8	59.9	59.9	139.4	227.7	24.3	138.1	69.7	194.7	52.1	213.0	36.7	125.0	127.0	240.7	59.6	59.6	205.1	205.1
	0.0	125.2	125.2	123.5	123.5	125.0	125.3	123.4	123.7	124.8	125.2	123.5	124.0	124.7	125.0	123.7	124.1	124.8	124.8	124.0	124.0
140	29.2	210.0	210.0	53.3	53.3	139.3	234.8	14.8	137.7	64.0	199.1	44.8	218.7	28.3	123.8	125.7	248.7	53.1	53.1	210.2	210.2
	0.0	132.4	132.4	116.3	116.3	125.7	134.7	112.7	124.3	118.7	131.3	115.6	131.9	115.3	124.3	123.2	134.7	117.6	117.6	131.1	131.1
150	26.6	214.9	214.9	47.1	47.1	139.2	241.4	5.9	137.4	58.8	203.2	38.0	224.0	20.6	122.7	124.6	256.1	47.0	47.0	214.9	214.9
	0.0	139.5	139.5	109.2	109.2	126.4	144.1	102.1	124.8	112.5	137.5	107.6	139.8	105.9	123.6	122.6	145.3	110.5	110.5	138.2	138.2
160	24.8	221.2	221.2	39.9	39.9	134.9	254.4	0.0	132.8	52.5	208.5	30.1	231.0	11.3	121.6	123.6	265.6	39.9	39.9	221.2	221.2
	0.0	146.6	146.6	102.1	102.1	127.1	153.4	91.5	125.3	106.4	143.6	99.7	147.6	96.5	122.8	122.0	155.9	103.3	103.3	145.3	145.3
170	23.4	228.2	228.2	32.2	32.2	124.0	274.9	0.0	121.7	45.9	214.5	21.6	238.6	1.4	120.6	122.6	276.1	32.3	32.3	228.0	228.0
	0.0	153.7	153.7	94.9	94.9	127.8	162.8	80.8	125.9	100.2	149.7	91.8	155.5	87.2	122.1	121.5	166.5	96.2	96.2	152.4	152.4
180	20.8	230.6	230.6	28.4	28.4	118.4	283.6	0.0	115.9	42.7	216.5	17.5	241.2	0.0	116.4	118.4	283.1	28.6	28.6	230.3	230.3
	0.0	160.8	160.8	87.8	87.8	128.5	172.1	70.2	126.4	94.1	155.8	83.9	163.4	77.8	121.4	120.9	177.1	89.1	89.1	159.5	159.5
190	17.6	230.0	230.0	27.4	27.4	116.6	284.1	0.0	114.0	41.9	215.9	16.4	240.5	0.0	114.8	116.6	283.3	27.8	27.8	229.6	229.6
	0.0	167.8	167.8	80.7	80.7	129.1	181.4	59.6	126.9	88.0	161.8	76.1	171.2	68.5	120.7	120.3	187.6	82.0	82.0	166.5	166.5

* Loads and Outrigger loads are shown in 1000 lbs

Main boom:147.6 ft with 78.7 ft Boom extension, 3 ° offset

Telescoping ratio:Tel. sec. I = 0.88Tel. sec. II = 0.88Tel. sec. III = 0.88Tel. sec. IV = 0.00

Counterweight:264 500 lbs

Outrigger base:28.7 x 29.2 ft

Slewing range:360°

<<-----L O A D P O S I T I O N S----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
200	14.4	228.2	228.2	27.5	27.5	116.4	281.4	0.0	113.6	42.0	214.2	16.7	238.5	0.0	114.7	116.4	280.3	28.0	28.0	227.6	227.6
	0.0	174.9	174.9	73.6	73.6	129.8	190.6	49.1	127.4	81.9	167.9	68.2	179.0	59.1	120.0	119.8	198.1	74.9	74.9	173.6	173.6

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 163.4 ft with 78.7 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 264 500 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
50	66.0 0.0	139.9 67.6	139.9 67.6	142.1 181.4	142.1 181.4	140.0 119.4	139.8 49.5	142.2 209.6	142.0 119.5	140.1 174.6	139.9 75.6	142.1 187.6	141.9 60.1	140.1 200.8	140.0 130.8	142.0 128.3	141.9 38.1	140.1 182.6	140.1 182.6	141.9 66.4	141.9 66.4
55	63.0 0.0	145.6 71.1	145.6 71.1	134.9 177.9	134.9 177.9	139.9 119.8	147.6 54.1	131.8 204.3	141.7 119.7	133.9 171.6	144.7 78.7	134.2 183.7	148.2 64.1	131.0 196.1	138.7 130.4	140.7 128.0	150.6 43.4	133.0 179.1	133.0 179.1	147.5 69.9	147.5 69.9
60	61.0 0.0	152.1 74.7	152.1 74.7	127.4 174.3	127.4 174.3	140.1 120.1	156.2 58.7	121.0 199.1	141.7 120.0	127.5 168.5	150.2 81.7	126.0 179.8	155.3 68.0	121.5 191.5	137.5 130.1	139.6 127.7	160.4 48.7	125.6 175.6	125.6 175.6	153.9 73.4	153.9 73.4
65	58.0 0.0	156.8 78.2	156.8 78.2	121.2 170.8	121.2 170.8	140.0 120.5	162.7 63.4	112.0 193.8	141.3 120.3	122.1 165.5	154.2 84.7	119.2 175.9	160.5 71.9	113.6 186.9	136.3 129.7	138.4 127.5	167.6 53.9	119.5 172.0	119.5 172.0	158.5 76.9	158.5 76.9
70	55.0 0.0	161.1 81.7	161.1 81.7	115.4 167.3	115.4 167.3	139.8 120.8	168.5 68.0	103.9 188.6	140.8 120.5	117.2 162.5	157.8 87.8	112.9 172.0	165.1 75.8	106.5 182.2	135.2 129.4	137.2 127.2	174.1 59.2	113.9 168.5	113.9 168.5	162.6 80.5	162.6 80.5
80	49.0 0.0	168.0 88.8	168.0 88.8	105.5 160.2	105.5 160.2	139.3 121.5	178.0 77.3	89.9 178.0	139.8 121.1	108.7 156.4	163.5 93.8	102.0 164.1	172.6 83.6	94.2 172.9	133.0 128.7	134.9 126.6	184.8 69.7	104.3 161.5	104.3 161.5	169.2 87.5	169.2 87.5
90	45.0 0.0	176.4 95.8	176.4 95.8	95.1 153.1	95.1 153.1	139.3 122.2	189.4 86.6	74.9 167.5	139.4 121.6	99.8 150.3	170.7 99.9	90.6 156.3	181.9 91.4	81.1 163.6	131.2 128.0	133.1 126.1	197.6 80.2	94.1 154.4	94.1 154.4	177.4 94.6	177.4 94.6
100	41.4 0.0	184.2 102.9	184.2 102.9	85.4 146.1	85.4 146.1	139.3 122.9	199.9 95.9	61.0 157.0	139.0 122.1	91.6 144.2	177.3 106.0	80.1 148.5	190.4 99.2	68.9 154.3	129.5 127.3	131.4 125.5	209.5 90.7	84.6 147.3	84.6 147.3	185.0 101.6	185.0 101.6
110	38.0 0.0	191.2 109.9	191.2 109.9	76.7 139.0	76.7 139.0	139.3 123.6	209.3 105.1	48.5 146.5	138.7 122.7	84.1 138.2	183.2 112.0	70.5 140.7	198.1 107.0	57.9 145.1	128.0 126.6	129.9 125.0	220.1 101.2	76.1 140.3	76.1 140.3	191.8 108.7	191.8 108.7

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450

Outrigger Load Chart

Ref.-Nr. 3 083 632

Main boom: 163.4 ft with 78.7 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 264 500 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
120	35.4	198.8	198.8	67.8	67.8	139.5	219.6	35.5	138.6	76.4	189.6	60.7	206.5	46.5	126.6	128.5	231.6	67.3	67.3	199.3	199.3
	0.0	117.0	117.0	132.0	132.0	124.3	114.4	135.9	123.2	132.1	118.1	132.8	114.8	135.8	125.9	124.5	111.7	133.2	133.2	115.7	115.7
130	32.8	205.6	205.6	59.7	59.7	139.7	228.6	23.9	138.4	69.6	195.4	51.8	213.8	36.3	125.2	127.3	241.8	59.4	59.4	205.9	205.9
	0.0	124.0	124.0	124.9	124.9	125.0	123.7	125.4	123.7	126.0	124.1	125.0	122.6	126.5	125.2	123.9	122.2	126.2	126.2	122.7	122.7
140	30.4	211.9	211.9	52.2	52.2	139.8	237.1	12.9	138.3	63.1	200.7	43.5	220.8	26.7	124.0	126.1	251.4	51.9	51.9	212.2	212.2
	0.0	131.0	131.0	117.9	117.9	125.7	132.9	114.9	124.3	119.9	130.2	117.2	130.4	117.2	124.5	123.4	132.7	119.1	119.1	129.8	129.8
150	28.0	217.4	217.4	45.5	45.5	139.8	244.6	3.2	138.1	57.3	205.4	36.2	226.8	18.2	122.9	124.9	259.8	45.3	45.3	217.5	217.5
	0.0	138.0	138.0	110.8	110.8	126.3	142.1	104.5	124.8	113.9	136.2	109.4	138.2	108.0	123.8	122.8	143.1	112.1	112.1	136.8	136.8
160	25.8	222.7	222.7	39.1	39.1	133.9	257.6	0.0	131.9	51.8	209.8	29.1	232.6	10.1	121.8	123.9	267.7	39.0	39.0	222.7	222.7
	0.0	145.0	145.0	103.8	103.8	127.0	151.4	94.0	125.3	107.8	142.3	101.6	145.9	98.7	123.1	122.3	153.6	105.1	105.1	143.8	143.8
170	23.8	227.8	227.8	32.9	32.9	125.1	273.4	0.0	122.9	46.6	214.2	22.4	238.2	2.3	120.8	122.9	275.5	33.0	33.0	227.7	227.7
	0.0	152.0	152.0	96.8	96.8	127.7	160.6	83.5	125.8	101.8	148.3	93.9	153.7	89.5	122.4	121.7	164.0	98.0	98.0	150.8	150.8
180	21.4	230.8	230.8	28.6	28.6	118.9	283.6	0.0	116.4	42.9	216.7	17.7	241.6	0.0	116.8	118.9	283.2	28.8	28.8	230.6	230.6
	0.0	159.0	159.0	89.8	89.8	128.4	169.7	73.1	126.3	95.8	154.3	86.1	161.4	80.3	121.7	121.2	174.4	91.0	91.0	157.7	157.7
190	18.2	230.2	230.2	27.6	27.6	117.1	284.1	0.0	114.5	42.1	216.1	16.7	240.8	0.0	115.2	117.1	283.4	28.0	28.0	229.9	229.9
	0.0	166.0	166.0	82.8	82.8	129.0	178.9	62.7	126.9	89.8	160.2	78.3	169.1	71.1	121.0	120.6	184.8	84.0	84.0	164.7	164.7
200	15.2	229.2	229.2	27.1	27.1	116.0	283.4	0.0	113.2	41.7	215.1	16.2	239.6	0.0	114.3	116.0	282.3	27.6	27.6	228.7	228.7
	0.0	172.9	172.9	75.8	75.8	129.7	188.0	52.3	127.4	83.8	166.2	70.6	176.8	62.0	120.3	120.0	195.1	77.1	77.1	171.6	171.6

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 163.4 ft with 78.7 ft Boom extension, 3 ° offset
Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 264 500 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
210	12.4	227.9	227.9	27.0	27.0	115.5	281.6	0.0	112.6	41.6	213.9	16.1	238.0	0.0	113.9	115.5	280.3	27.6	27.6	227.2	227.2
	0.0	179.8	179.8	68.9	68.9	130.4	197.1	42.0	127.9	77.8	172.1	62.9	184.4	52.8	119.6	119.5	205.4	70.1	70.1	178.5	178.5
220	9.8	226.4	226.4	27.1	27.1	115.4	279.2	0.0	112.4	41.8	212.5	16.4	236.3	0.0	114.0	115.4	277.6	27.9	27.9	225.6	225.6
	0.0	186.6	186.6	61.9	61.9	131.0	206.1	31.7	128.4	71.8	178.0	55.3	192.0	43.8	118.8	118.9	215.6	63.2	63.2	185.4	185.4

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 179.2 ft with 78.7 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 264 500 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
55	62.0	144.0	144.0	136.1	136.1	139.6	145.5	133.8	141.4	134.9	143.3	135.6	146.4	132.7	138.7	140.6	148.3	134.3	134.3	145.9	145.9
	0.0	70.7	70.7	178.4	178.4	119.8	53.6	205.1	119.8	172.0	78.3	184.3	63.6	196.8	130.6	128.1	42.8	179.6	179.6	69.5	69.5
60	59.0	149.1	149.1	129.6	129.6	139.5	152.4	124.4	141.0	129.3	147.6	128.4	152.0	124.5	137.4	139.4	156.0	127.8	127.8	150.8	150.8
	0.0	74.2	74.2	174.9	174.9	120.2	58.1	199.9	120.1	169.0	81.3	180.4	67.5	192.2	130.2	127.9	48.0	176.2	176.2	73.0	73.0
65	56.0	153.6	153.6	123.5	123.5	139.3	158.6	115.7	140.6	124.1	151.4	121.8	156.9	116.9	136.2	138.2	163.0	121.9	121.9	155.2	155.2
	0.0	77.7	77.7	171.4	171.4	120.5	62.7	194.7	120.3	166.0	84.3	176.6	71.3	187.6	129.9	127.6	53.2	172.7	172.7	76.5	76.5
70	52.0	156.2	156.2	118.9	118.9	138.8	162.3	109.4	139.7	120.2	153.5	116.8	159.7	111.4	135.0	136.8	167.1	117.5	117.5	157.6	157.6
	0.0	81.2	81.2	167.9	167.9	120.8	67.3	189.5	120.6	163.0	87.3	172.7	75.2	183.1	129.5	127.3	58.4	169.2	169.2	80.0	80.0
80	48.0	165.8	165.8	107.4	107.4	138.9	175.2	92.7	139.4	110.3	161.6	104.1	170.2	96.8	133.0	134.9	181.6	106.2	106.2	166.9	166.9
	0.0	88.2	88.2	161.0	161.0	121.5	76.5	179.1	121.1	157.0	93.3	165.0	82.9	173.9	128.8	126.8	68.8	162.2	162.2	86.9	86.9
90	43.2	172.5	172.5	98.2	98.2	138.6	184.4	79.8	138.7	102.5	167.3	94.2	177.5	85.4	131.2	133.0	191.9	97.3	97.3	173.4	173.4
	0.0	95.1	95.1	154.0	154.0	122.2	85.7	168.7	121.6	151.0	99.3	157.2	90.7	164.7	128.1	126.2	79.2	155.2	155.2	93.9	93.9
100	39.8	180.3	180.3	88.7	88.7	138.7	194.9	66.1	138.4	94.4	173.9	83.7	186.1	73.4	129.6	131.4	203.7	87.9	87.9	181.1	181.1
	0.0	102.1	102.1	147.0	147.0	122.9	94.8	158.3	122.2	145.0	105.3	149.5	98.4	155.5	127.4	125.7	89.6	148.2	148.2	100.9	100.9
110	36.6	187.3	187.3	80.0	80.0	138.7	204.4	53.6	138.1	87.0	179.8	74.2	193.8	62.4	128.1	129.9	214.4	79.5	79.5	187.9	187.9
	0.0	109.1	109.1	140.0	140.0	123.6	104.0	147.9	122.7	139.0	111.3	141.8	106.1	146.3	126.8	125.2	99.9	141.3	141.3	107.8	107.8
120	33.6	193.7	193.7	72.1	72.1	138.7	213.0	42.2	137.8	80.2	185.2	65.6	200.8	52.4	126.7	128.5	224.1	71.7	71.7	194.2	194.2
	0.0	116.0	116.0	133.0	133.0	124.3	113.2	137.5	123.2	133.0	117.3	134.0	113.8	137.2	126.1	124.6	110.3	134.3	134.3	114.8	114.8

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450

Outrigger Load Chart

Ref.-Nr. 3 083 632

Main boom: 179.2 ft with 78.7 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 264 500 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
130	30.8	199.6	199.6	64.9	64.9	138.7	220.9	31.8	137.5	74.0	190.2	57.6	207.2	43.3	125.4	127.2	233.0	64.6	64.6	199.9	199.9
	0.0	123.0	123.0	126.1	126.1	124.9	122.3	127.1	123.7	127.0	123.3	126.3	121.5	128.0	125.4	124.1	120.7	127.3	127.3	121.7	121.7
140	28.0	204.4	204.4	58.6	58.6	138.6	227.4	22.8	137.2	68.6	194.2	50.7	212.5	35.4	124.2	126.0	240.4	58.5	58.5	204.6	204.6
	0.0	129.9	129.9	119.1	119.1	125.6	131.4	116.8	124.3	121.0	129.3	118.6	129.2	118.9	124.7	123.5	131.0	120.4	120.4	128.7	128.7
150	25.8	210.0	210.0	51.9	51.9	138.7	234.9	13.2	137.0	62.9	199.0	43.4	218.6	26.9	123.1	124.9	248.8	51.9	51.9	210.0	210.0
	0.0	136.9	136.9	112.2	112.2	126.3	140.6	106.4	124.8	115.1	135.2	110.9	136.9	109.7	124.0	123.0	141.4	113.4	113.4	135.6	135.6
160	24.2	216.6	216.6	44.5	44.5	139.1	243.7	2.3	137.1	56.6	204.6	35.2	225.8	17.4	122.1	124.0	258.7	44.6	44.6	216.5	216.5
	0.0	143.8	143.8	105.2	105.2	127.0	149.7	96.1	125.3	109.1	141.2	103.2	144.5	100.6	123.3	122.5	151.7	106.5	106.5	142.5	142.5
170	22.8	223.2	223.2	37.1	37.1	130.9	261.1	0.0	128.8	50.2	210.3	27.1	233.2	7.9	121.1	123.0	268.8	37.2	37.2	223.1	223.1
	0.0	150.7	150.7	98.3	98.3	127.6	158.7	85.8	125.8	103.1	147.1	95.5	152.2	91.5	122.6	121.9	162.0	99.5	99.5	149.4	149.4
180	21.4	229.4	229.4	30.3	30.3	121.2	279.3	0.0	118.8	44.3	215.5	19.5	240.0	0.0	119.1	121.2	279.0	30.4	30.4	229.2	229.2
	0.0	157.6	157.6	91.4	91.4	128.3	167.8	75.5	126.3	97.2	153.0	87.9	159.8	82.4	121.9	121.4	172.2	92.6	92.6	156.3	156.3
190	18.8	230.8	230.8	27.5	27.5	117.0	285.1	0.0	114.5	42.0	216.6	16.5	241.5	0.0	115.1	117.0	284.5	27.8	27.8	230.5	230.5
	0.0	164.4	164.4	84.5	84.5	129.0	176.9	65.2	126.8	91.2	158.9	80.2	167.4	73.3	121.2	120.8	182.5	85.7	85.7	163.2	163.2
200	15.6	229.1	229.1	27.6	27.6	116.8	282.5	0.0	114.1	42.1	215.0	16.8	239.5	0.0	115.0	116.8	281.5	28.1	28.1	228.6	228.6
	0.0	171.3	171.3	77.6	77.6	129.6	185.9	54.9	127.3	85.3	164.8	72.6	175.0	64.3	120.5	120.3	192.7	78.9	78.9	170.0	170.0
210	12.8	227.7	227.7	27.5	27.5	116.3	280.7	0.0	113.5	42.0	213.8	16.7	237.9	0.0	114.7	116.3	279.5	28.1	28.1	227.1	227.1
	0.0	178.1	178.1	70.7	70.7	130.3	194.8	44.7	127.8	79.4	170.7	65.0	182.6	55.3	119.8	119.7	202.9	72.0	72.0	176.8	176.8

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 179.2 ft with 78.7 ft Boom extension, 3 ° offset
Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 264 500 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
220	10.4	227.0	227.0	27.0	27.0	115.3	280.4	0.0	112.3	41.6	213.1	16.2	237.0	0.0	113.8	115.3	278.9	27.7	27.7	226.3	226.3
	0.0	184.9	184.9	63.9	63.9	130.9	203.8	34.6	128.3	73.5	176.5	57.4	190.1	46.3	119.1	119.2	213.0	65.2	65.2	183.6	183.6
230	8.2	226.3	226.3	26.6	26.6	114.5	279.8	0.0	111.4	41.3	212.4	15.8	236.1	0.0	113.1	114.5	278.1	27.4	27.4	225.4	225.4
	0.0	191.6	191.6	57.1	57.1	131.6	212.6	24.4	128.8	67.7	182.3	49.9	197.5	37.4	118.4	118.6	223.0	58.4	58.4	190.3	190.3

* Loads and Outrigger loads are shown in 1000 lbs

Outrigger base 28.7 x 29.2 ft

220 400 lbs (100 t) counterweight

Length of boom extension 39.4 ft

Offset of boom extension 3 °

Reference chart 85% (lbs / ft)

3 083 650

Length of boom extension 39.4 ft

Offset of boom extension 3 °

outrigger base 28.7 x 29.2 ft

220 400 lbs (100 t) counterweight

	Main boom - fixed length in ft		
	147.6	163.4	179.2
Tel. sec. I	0.88	0.88	0.88
Tel. sec. II	0.88	0.88	0.88
Tel. sec. III	0.88	0.88	0.88
Tel. sec. IV	0.00	0.44	0.88
Radius in feet	Lifting capacities in 1000 lbs		
40.0	120.0	114.0	
45.0	112.0	107.0	100.0
50.0	106.0	100.0	94.0
55.0	99.0	95.0	88.0
60.0	94.0	90.0	83.0
65.0	89.0	85.0	79.0
70.0	84.0	81.0	74.0
75.0	80.0	77.0	71.0
80.0	76.0	73.0	68.0
85.0	73.0	69.0	65.0
90.0	68.0	67.0	62.0
95.0	61.0	62.0	59.0
100.0	55.0	57.0	56.0
105.0	50.0	52.0	53.0
110.0	45.0	47.0	48.0
115.0	41.0	42.6	43.6
120.0	37.2	38.6	39.8
125.0	33.8	35.2	36.2
130.0	30.6	32.0	33.0
135.0	27.6	29.0	30.0
140.0	25.0	26.4	27.4
145.0	22.6	24.0	25.0
150.0	20.2	21.6	22.6
155.0	18.0	19.6	20.6
160.0	15.8	17.4	18.6
165.0	14.0	15.4	16.6

Reference chart 85% (lbs / ft)

3 083 650

Length of boom extension 39.4 ft

Offset of boom extension 3 °

outrigger base 28.7 x 29.2 ft

220 400 lbs (100 t) counterweight

	Main boom - fixed length in ft		
	147.6	163.4	179.2
Tel. sec. I	0.88	0.88	0.88
Tel. sec. II	0.88	0.88	0.88
Tel. sec. III	0.88	0.88	0.88
Tel. sec. IV	0.00	0.44	0.88
Radius in feet	Lifting capacities in 1000 lbs		
170.0	12.2	13.6	14.8
175.0		12.0	13.0
180.0		10.2	11.4
185.0			9.8
190.0			8.4
195.0			7.2

Main boom: 147.6 ft with 39.4 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.00

Counterweight: 220 400 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
40	120.0	178.1	178.1	107.2	107.2	145.0	189.6	89.2	146.6	109.9	173.0	103.2	184.4	93.2	137.8	141.0	198.4	104.8	104.8	180.5	180.5
	0.0	67.6	67.6	157.7	157.7	109.8	52.8	180.7	107.2	154.8	74.1	162.7	58.9	176.1	119.1	114.4	41.0	161.3	161.3	63.9	63.9
45	112.0	184.4	184.4	96.8	96.8	144.0	198.6	74.8	145.0	101.1	178.2	92.0	191.3	80.7	135.2	138.2	208.4	94.8	94.8	186.4	186.4
	0.0	71.6	71.6	153.7	153.7	110.2	58.0	174.7	107.5	151.3	77.5	158.3	63.3	170.8	118.7	114.1	46.9	157.3	157.3	67.9	67.9
50	106.0	191.6	191.6	86.7	86.7	143.5	208.4	60.5	144.0	92.4	184.1	80.9	199.0	68.1	133.0	135.9	219.4	85.0	85.0	193.3	193.3
	0.0	75.5	75.5	149.7	149.7	110.6	63.3	168.8	107.8	147.9	81.0	153.9	67.7	165.6	118.3	113.8	52.8	153.3	153.3	71.9	71.9
55	99.0	196.5	196.5	78.2	78.2	142.6	215.4	48.9	142.6	85.2	188.2	71.8	204.3	58.0	130.8	133.5	227.2	76.9	76.9	197.8	197.8
	0.0	79.5	79.5	145.7	145.7	111.0	68.5	162.8	108.1	144.5	84.4	149.5	72.1	160.4	117.9	113.5	58.7	149.3	149.3	75.9	75.9
60	94.0	202.7	202.7	69.5	69.5	142.2	223.9	36.5	141.8	77.8	193.4	62.2	211.1	47.2	128.9	131.5	236.8	68.4	68.4	203.8	203.8
	0.0	83.5	83.5	141.7	141.7	111.4	73.7	156.9	108.4	141.0	87.8	145.1	76.5	155.1	117.5	113.1	64.7	145.4	145.4	79.8	79.8
65	89.0	208.1	208.1	61.6	61.6	141.7	231.4	25.4	140.9	71.0	197.8	53.6	216.9	37.5	127.2	129.6	245.1	60.8	60.8	208.9	208.9
	0.0	87.5	87.5	137.7	137.7	111.8	78.9	151.0	108.7	137.6	91.2	140.7	80.9	149.9	117.1	112.8	70.6	141.4	141.4	83.8	83.8
70	84.0	212.6	212.6	54.6	54.6	141.1	237.6	15.7	139.9	65.1	201.5	46.0	221.8	29.0	125.5	127.8	252.1	54.0	54.0	213.2	213.2
	0.0	91.4	91.4	133.8	133.8	112.1	84.2	145.0	109.0	134.2	94.6	136.2	85.3	144.7	116.7	112.5	76.5	137.4	137.4	87.8	87.8
80	76.0	222.2	222.2	40.9	40.9	136.9	254.4	0.0	135.0	53.4	209.6	31.1	232.2	12.1	122.5	124.7	266.9	40.8	40.8	222.4	222.4
	0.0	99.4	99.4	125.8	125.8	112.9	94.6	133.2	109.6	127.3	101.5	127.4	94.1	134.2	115.9	111.9	88.3	129.4	129.4	95.7	95.7
90	68.0	229.0	229.0	30.1	30.1	120.8	279.0	0.0	118.4	44.2	215.2	19.4	239.5	0.0	118.8	120.8	278.6	30.3	30.3	228.8	228.8
	0.0	107.3	107.3	117.9	117.9	113.7	105.0	121.3	110.2	120.5	108.3	118.6	102.9	123.7	115.1	111.3	100.1	121.5	121.5	103.6	103.6

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450

Outrigger Load Chart

Ref.-Nr. 3 083 650

Main boom: 147.6 ft with 39.4 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.00

Counterweight: 220 400 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
100	55.0	223.2	223.2	29.4	29.4	118.3	271.6	0.0	115.2	43.7	209.8	18.9	232.8	0.0	117.0	118.3	269.9	30.3	30.3	222.3	222.3
	0.0	115.2	115.2	109.9	109.9	114.4	115.4	109.5	110.8	113.7	115.1	109.8	111.6	113.3	114.3	110.7	111.9	113.6	113.6	111.5	111.5
110	45.0	219.3	219.3	28.3	28.3	115.6	267.5	0.0	112.1	42.9	206.1	18.0	228.1	0.0	114.9	115.6	264.7	29.7	29.7	217.9	217.9
	0.0	123.0	123.0	102.0	102.0	115.2	125.8	97.7	111.4	106.9	121.8	101.1	120.3	102.9	113.5	110.0	123.7	105.7	105.7	119.4	119.4
120	37.2	216.9	216.9	26.7	26.7	112.4	266.2	0.0	108.5	41.6	203.8	16.5	225.3	0.0	112.1	112.4	262.6	28.5	28.5	215.1	215.1
	0.0	130.9	130.9	94.1	94.1	116.0	136.1	86.0	111.9	100.1	128.6	92.3	129.0	92.5	112.7	109.4	135.4	97.8	97.8	127.2	127.2
130	30.6	214.8	214.8	25.4	25.4	109.9	264.8	0.0	105.7	40.6	201.7	15.3	222.8	0.0	110.0	109.9	260.6	27.6	27.6	212.7	212.7
	0.0	138.7	138.7	86.2	86.2	116.7	146.4	74.3	112.5	93.3	135.3	83.6	137.7	82.2	111.9	108.8	147.0	89.9	89.9	135.0	135.0
140	25.0	213.0	213.0	24.4	24.4	107.8	263.7	0.0	103.3	39.8	200.0	14.3	220.6	0.0	108.1	107.8	258.8	26.8	26.8	210.6	210.6
	0.0	146.5	146.5	78.4	78.4	117.5	156.6	62.6	113.1	86.6	142.0	74.9	146.3	71.9	111.1	108.1	158.6	82.1	82.1	142.8	142.8
150	20.2	211.4	211.4	23.5	23.5	105.9	262.7	0.0	101.2	39.0	198.5	13.4	218.8	0.0	106.5	105.9	257.4	26.1	26.1	208.8	208.8
	0.0	154.2	154.2	70.6	70.6	118.2	166.8	51.0	113.6	79.9	148.6	66.3	154.8	61.7	110.3	107.5	170.1	74.3	74.3	150.5	150.5
160	15.8	209.4	209.4	23.2	23.2	105.1	260.0	0.0	100.1	38.9	196.6	13.3	216.4	0.0	105.9	105.1	254.2	26.1	26.1	206.5	206.5
	0.0	161.8	161.8	62.9	62.9	118.9	176.9	39.5	114.1	73.2	155.2	57.7	163.3	51.5	109.5	106.9	181.5	66.6	66.6	158.1	158.1
170	12.2	208.2	208.2	22.5	22.5	103.6	259.2	0.0	98.5	38.3	195.4	12.6	214.9	0.0	104.7	103.6	253.1	25.6	25.6	205.1	205.1
	0.0	169.3	169.3	55.2	55.2	119.6	186.8	28.1	114.7	66.6	161.6	49.3	171.6	41.5	108.7	106.2	192.7	58.9	58.9	165.6	165.6

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 163.4 ft with 39.4 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 220 400 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
40	114.0	171.5	171.5	110.8	110.8	143.2	181.4	95.4	144.6	113.1	167.1	107.4	176.9	98.8	137.0	139.8	188.9	108.7	108.7	173.5	173.5
	0.0	66.5	66.5	158.8	158.8	109.7	51.3	182.3	107.1	155.7	73.2	164.0	57.7	177.5	119.2	114.5	39.3	162.4	162.4	62.9	62.9
45	107.0	178.2	178.2	100.6	100.6	142.4	190.7	81.1	143.3	104.4	172.6	96.3	184.2	86.3	134.6	137.2	199.4	98.9	98.9	179.9	179.9
	0.0	70.3	70.3	154.9	154.9	110.1	56.4	176.6	107.4	152.4	76.5	159.7	61.9	172.5	118.8	114.2	45.0	158.6	158.6	66.7	66.7
50	100.0	183.6	183.6	91.6	91.6	141.5	198.4	68.7	141.9	96.7	177.1	86.6	190.1	75.5	132.3	134.7	208.0	90.2	90.2	185.0	185.0
	0.0	74.2	74.2	151.1	151.1	110.5	61.5	170.8	107.7	149.1	79.8	155.4	66.2	167.4	118.4	113.9	50.8	154.7	154.7	70.5	70.5
55	95.0	190.3	190.3	82.5	82.5	141.2	207.5	55.7	141.1	88.9	182.7	76.6	197.3	64.1	130.4	132.8	218.1	81.3	81.3	191.4	191.4
	0.0	78.0	78.0	147.2	147.2	110.8	66.5	165.1	108.0	145.8	83.1	151.2	70.4	162.4	118.0	113.6	56.5	150.9	150.9	74.4	74.4
60	90.0	196.0	196.0	74.2	74.2	140.7	215.4	44.1	140.2	81.9	187.5	67.6	203.6	53.9	128.6	130.9	227.0	73.3	73.3	196.9	196.9
	0.0	81.9	81.9	143.4	143.4	111.2	71.6	159.4	108.3	142.5	86.4	146.9	74.7	157.3	117.6	113.3	62.2	147.0	147.0	78.2	78.2
65	85.0	200.9	200.9	66.8	66.8	140.2	222.2	33.7	139.3	75.6	191.5	59.5	208.8	44.9	126.9	129.0	234.6	66.2	66.2	201.6	201.6
	0.0	85.7	85.7	139.5	139.5	111.6	76.6	153.6	108.6	139.2	89.7	142.6	79.0	152.2	117.3	113.0	68.0	143.2	143.2	82.1	82.1
70	81.0	206.4	206.4	59.3	59.3	139.9	229.7	23.1	138.7	69.2	196.1	51.3	214.8	35.6	125.4	127.4	243.0	58.9	58.9	206.8	206.8
	0.0	89.5	89.5	135.7	135.7	112.0	81.7	147.9	108.9	135.8	93.0	138.4	83.2	147.2	116.9	112.7	73.7	139.3	139.3	85.9	85.9
80	73.0	215.2	215.2	46.5	46.5	139.2	241.9	5.1	137.3	58.2	203.5	37.3	224.4	19.8	122.5	124.4	256.7	46.4	46.4	215.3	215.3
	0.0	97.2	97.2	128.0	128.0	112.7	91.8	136.4	109.5	129.2	99.6	129.8	91.7	137.0	116.1	112.1	85.1	131.6	131.6	93.6	93.6
90	67.0	224.9	224.9	33.8	33.8	125.9	267.9	0.0	123.5	47.4	211.5	23.5	234.9	4.0	120.1	121.9	271.4	34.1	34.1	224.6	224.6
	0.0	104.9	104.9	120.3	120.3	113.5	101.9	125.0	110.0	122.6	106.2	121.3	100.2	126.9	115.3	111.5	96.6	123.9	123.9	101.2	101.2

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450
Outrigger Load Chart
Ref.-Nr. 3 083 650
Main boom: 163.4 ft with 39.4 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 220 400 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
100	57.0	224.5	224.5	29.1	29.1	118.2	273.8	0.0	115.3	43.5	210.9	18.6	234.2	0.0	116.8	118.2	272.3	29.9	29.9	223.7	223.7
	0.0	112.5	112.5	112.6	112.6	114.2	111.9	113.5	110.6	116.0	112.8	112.8	108.7	116.8	114.6	110.9	108.0	116.3	116.3	108.9	108.9
110	47.0	220.7	220.7	27.9	27.9	115.4	269.9	0.0	111.9	42.6	207.3	17.6	229.7	0.0	114.5	115.4	267.4	29.2	29.2	219.4	219.4
	0.0	120.2	120.2	104.9	104.9	114.9	122.0	102.1	111.2	109.4	119.4	104.3	117.1	106.8	113.8	110.3	119.4	108.6	108.6	116.5	116.5
120	38.6	217.0	217.0	27.3	27.3	113.5	265.5	0.0	109.7	42.2	203.9	17.2	225.5	0.0	113.1	113.5	262.1	29.0	29.0	215.3	215.3
	0.0	127.8	127.8	97.3	97.3	115.7	132.0	90.7	111.7	102.8	125.9	95.8	125.6	96.7	113.0	109.7	130.7	100.9	100.9	124.1	124.1
130	32.0	214.9	214.9	26.1	26.1	111.0	264.2	0.0	106.9	41.2	201.9	16.0	223.0	0.0	111.0	111.0	260.1	28.1	28.1	212.9	212.9
	0.0	135.4	135.4	89.7	89.7	116.4	142.0	79.3	112.3	96.2	132.4	87.4	134.0	86.7	112.3	109.1	142.0	93.3	93.3	131.7	131.7
140	26.4	213.2	213.2	25.0	25.0	108.8	263.1	0.0	104.4	40.3	200.2	15.0	220.9	0.0	109.1	108.8	258.4	27.3	27.3	210.8	210.8
	0.0	142.9	142.9	82.0	82.0	117.1	152.0	68.0	112.9	89.7	138.9	79.0	142.4	76.7	111.5	108.5	153.3	85.7	85.7	139.3	139.3
150	21.6	211.7	211.7	24.0	24.0	106.9	262.3	0.0	102.3	39.5	198.8	14.0	219.1	0.0	107.4	106.9	257.1	26.6	26.6	209.1	209.1
	0.0	150.5	150.5	74.5	74.5	117.9	161.9	56.7	113.4	83.2	145.4	70.6	150.7	66.7	110.7	107.9	164.6	78.1	78.1	146.8	146.8
160	17.4	210.3	210.3	23.3	23.3	105.3	261.3	0.0	100.5	38.9	197.4	13.3	217.5	0.0	106.1	105.3	255.7	26.1	26.1	207.5	207.5
	0.0	158.0	158.0	66.9	66.9	118.6	171.7	45.5	113.9	76.7	151.9	62.2	159.0	56.8	110.0	107.3	175.7	70.6	70.6	154.3	154.3
170	13.6	208.7	208.7	22.9	22.9	104.4	259.4	0.0	99.4	38.7	195.9	13.1	215.5	0.0	105.4	104.4	253.4	25.9	25.9	205.7	205.7
	0.0	165.4	165.4	59.4	59.4	119.3	181.5	34.3	114.5	70.2	158.2	53.9	167.2	47.0	109.2	106.7	186.8	63.1	63.1	161.7	161.7
180	10.2	207.0	207.0	22.8	22.8	103.9	257.0	0.0	98.7	38.6	194.3	13.1	213.6	0.0	105.0	103.9	250.7	26.0	26.0	203.8	203.8
	0.0	172.7	172.7	52.0	52.0	120.0	191.2	23.3	115.0	63.8	164.6	45.7	175.4	37.2	108.4	106.0	197.7	55.7	55.7	169.0	169.0

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 179.2 ft with 39.4 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 220 400 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
45	100.0	170.4	170.4	105.0	105.0	140.3	180.9	88.7	141.0	108.3	165.7	101.4	175.4	93.1	133.7	135.9	188.2	103.6	103.6	171.8	171.8
	0.0	69.6	69.6	155.8	155.8	110.1	55.4	177.9	107.5	153.2	75.9	160.7	61.1	173.6	119.0	114.3	44.0	159.4	159.4	66.0	66.0
50	94.0	176.3	176.3	96.2	96.2	139.7	189.1	76.2	139.9	100.7	170.6	91.8	181.8	82.2	131.7	133.7	197.3	95.0	95.0	177.4	177.4
	0.0	73.4	73.4	152.1	152.1	110.5	60.4	172.3	107.8	149.9	79.1	156.5	65.3	168.7	118.6	114.1	49.6	155.7	155.7	69.8	69.8
55	88.0	181.1	181.1	88.3	88.3	138.9	195.9	65.3	138.7	94.0	174.6	83.2	187.0	72.7	129.7	131.5	204.9	87.5	87.5	181.9	181.9
	0.0	77.1	77.1	148.3	148.3	110.8	65.3	166.6	108.0	146.7	82.3	152.3	69.5	163.7	118.2	113.8	55.2	151.9	151.9	73.5	73.5
60	83.0	186.2	186.2	80.7	80.7	138.4	202.9	54.7	137.8	87.6	178.8	75.0	192.5	63.5	128.0	129.7	212.7	80.2	80.2	186.7	186.7
	0.0	80.9	80.9	144.5	144.5	111.2	70.3	161.0	108.3	143.5	85.6	148.2	73.6	158.8	117.8	113.5	60.8	148.2	148.2	77.3	77.3
65	79.0	191.7	191.7	73.2	73.2	138.1	210.5	44.0	137.2	81.1	183.4	66.7	198.5	54.1	126.4	128.1	221.3	72.8	72.8	192.1	192.1
	0.0	84.6	84.6	140.8	140.8	111.6	75.2	155.4	108.6	140.2	88.8	144.0	77.8	153.8	117.5	113.2	66.4	144.4	144.4	81.0	81.0
70	74.0	195.2	195.2	67.3	67.3	137.5	215.3	35.9	136.1	76.1	186.2	60.3	202.2	47.0	124.8	126.4	226.7	67.2	67.2	195.3	195.3
	0.0	88.4	88.4	137.0	137.0	111.9	80.2	149.8	108.9	137.0	92.0	139.8	82.0	148.9	117.1	112.9	72.0	140.6	140.6	84.8	84.8
80	68.0	205.8	205.8	53.6	53.6	137.3	229.8	16.3	135.4	64.4	195.2	45.3	213.8	29.8	122.3	123.8	242.9	53.8	53.8	205.6	205.6
	0.0	95.9	95.9	129.5	129.5	112.7	90.0	138.6	109.5	130.5	98.5	131.5	90.3	139.0	116.3	112.3	83.1	133.1	133.1	92.3	92.3
90	62.0	214.4	214.4	42.0	42.0	136.7	241.7	0.0	134.3	54.5	202.4	32.7	223.2	15.3	120.0	121.4	256.1	42.5	42.5	213.9	213.9
	0.0	103.4	103.4	122.0	122.0	113.4	99.9	127.4	110.0	124.1	104.9	123.2	98.6	129.1	115.6	111.7	94.3	125.6	125.6	99.8	99.8
100	56.0	220.9	220.9	32.5	32.5	122.8	264.0	0.0	119.9	46.4	207.8	22.3	230.2	3.7	117.8	119.1	266.1	33.3	33.3	220.1	220.1
	0.0	110.9	110.9	114.5	114.5	114.1	109.7	116.3	110.6	117.6	111.4	114.9	106.8	119.3	114.8	111.1	105.5	118.1	118.1	107.2	107.2

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450
Outrigger Load Chart
Ref.-Nr. 3 083 650
Main boom: 179.2 ft with 39.4 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 220 400 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
110	48.0	221.0	221.0	28.3	28.3	116.1	269.8	0.0	112.7	42.9	207.6	18.0	230.1	0.0	115.2	116.1	267.3	29.6	29.6	219.8	219.8
	0.0	118.3	118.3	107.0	107.0	114.8	119.5	105.1	111.1	111.2	117.8	106.6	115.1	109.4	114.1	110.5	116.6	110.6	110.6	114.7	114.7
120	39.8	217.8	217.8	27.4	27.4	113.8	266.5	0.0	110.1	42.2	204.6	17.2	226.4	0.0	113.3	113.8	263.2	29.0	29.0	216.2	216.2
	0.0	125.8	125.8	99.5	99.5	115.6	129.3	94.0	111.7	104.7	124.2	98.3	123.3	99.6	113.3	110.0	127.7	103.2	103.2	122.1	122.1
130	33.0	215.2	215.2	26.5	26.5	111.8	264.0	0.0	107.7	41.5	202.2	16.4	223.3	0.0	111.7	111.8	260.0	28.5	28.5	213.3	213.3
	0.0	133.2	133.2	92.1	92.1	116.3	139.1	82.9	112.2	98.3	130.6	90.0	131.6	89.8	112.6	109.4	138.7	95.7	95.7	129.5	129.5
140	27.4	213.5	213.5	25.4	25.4	109.6	262.9	0.0	105.3	40.7	200.5	15.4	221.2	0.0	109.8	109.6	258.4	27.7	27.7	211.2	211.2
	0.0	140.6	140.6	84.6	84.6	117.0	148.8	71.8	112.8	91.9	136.9	81.8	139.8	80.0	111.8	108.8	149.8	88.3	88.3	136.9	136.9
150	22.6	212.0	212.0	24.5	24.5	107.7	262.1	0.0	103.1	39.9	199.1	14.5	219.5	0.0	108.2	107.7	257.1	27.0	27.0	209.5	209.5
	0.0	147.9	147.9	77.2	77.2	117.7	158.5	60.8	113.3	85.6	143.2	73.6	147.9	70.3	111.1	108.2	160.7	80.9	80.9	144.3	144.3
160	18.6	211.2	211.2	23.2	23.2	105.5	262.7	0.0	100.7	38.9	198.3	13.2	218.5	0.0	106.1	105.5	257.2	25.9	25.9	208.5	208.5
	0.0	155.2	155.2	69.9	69.9	118.4	168.1	49.8	113.9	79.2	149.5	65.5	156.0	60.6	110.3	107.6	171.6	73.5	73.5	151.6	151.6
170	14.8	209.6	209.6	22.8	22.8	104.5	260.9	0.0	99.5	38.6	196.8	12.9	216.6	0.0	105.4	104.5	255.0	25.8	25.8	206.7	206.7
	0.0	162.5	162.5	62.5	62.5	119.1	177.7	38.9	114.4	72.9	155.8	57.3	164.1	51.0	109.6	107.0	182.5	66.2	66.2	158.8	158.8
180	11.4	208.0	208.0	22.7	22.7	103.9	258.7	0.0	98.8	38.5	195.3	12.9	214.7	0.0	105.0	103.9	252.5	25.8	25.8	204.9	204.9
	0.0	169.7	169.7	55.3	55.3	119.8	187.2	28.1	114.9	66.7	162.0	49.3	172.0	41.5	108.9	106.4	193.2	58.9	58.9	166.0	166.0
190	8.4	206.5	206.5	22.6	22.6	103.4	256.7	0.0	98.1	38.5	193.9	12.9	213.0	0.0	104.6	103.4	250.2	25.9	25.9	203.2	203.2
	0.0	176.8	176.8	48.1	48.1	120.5	196.6	17.4	115.4	60.5	168.1	41.3	179.9	32.0	108.1	105.8	203.8	51.7	51.7	173.2	173.2

* Loads and Outrigger loads are shown in 1000 lbs

Outrigger base 28.7 x 29.2 ft

220 400 lbs (100 t) counterweight

Length of boom extension 59.1 ft

Offset of boom extension 3 °

Reference chart 85% (lbs / ft)

3 083 651

Length of boom extension 59.1 ft

Offset of boom extension 3 °

outrigger base 28.7 x 29.2 ft

220 400 lbs (100 t) counterweight

	Main boom - fixed length in ft		
	147.6	163.4	179.2
Tel. sec. I	0.88	0.88	0.88
Tel. sec. II	0.88	0.88	0.88
Tel. sec. III	0.88	0.88	0.88
Tel. sec. IV	0.00	0.44	0.88
Radius in feet	Lifting capacities in 1000 lbs		
40.0	90.0		
45.0	86.0	86.0	
50.0	82.0	81.0	78.0
55.0	77.0	77.0	74.0
60.0	74.0	73.0	69.0
65.0	70.0	69.0	65.0
70.0	66.0	65.0	62.0
75.0	63.0	62.0	58.0
80.0	59.0	59.0	55.0
85.0	56.0	56.0	52.0
90.0	54.0	53.0	50.0
95.0	52.0	51.0	48.0
100.0	50.0	49.0	46.0
105.0	47.0	47.0	43.8
110.0	45.0	45.0	42.2
115.0	43.8	43.4	40.8
120.0	40.0	40.8	39.4
125.0	36.4	37.4	37.8
130.0	33.2	34.0	34.8
135.0	30.2	31.2	31.8
140.0	27.6	28.4	29.2
145.0	25.0	26.0	26.6
150.0	22.8	23.6	24.4
155.0	20.6	21.4	22.2
160.0	18.6	19.4	20.2
165.0	16.6	17.6	18.2

Reference chart 85% (lbs / ft)

3 083 651

Length of boom extension 59.1 ft

Offset of boom extension 3 °

outrigger base 28.7 x 29.2 ft

220 400 lbs (100 t) counterweight

	Main boom - fixed length in ft		
	147.6	163.4	179.2
Tel. sec. I	0.88	0.88	0.88
Tel. sec. II	0.88	0.88	0.88
Tel. sec. III	0.88	0.88	0.88
Tel. sec. IV	0.00	0.44	0.88
Radius in feet	Lifting capacities in 1000 lbs		
170.0	14.8	15.6	16.4
175.0	13.0	14.0	14.8
180.0	11.4	12.2	13.0
185.0		10.8	11.6
190.0		9.4	10.0
195.0		8.0	8.8
200.0		6.6	7.4
205.0			6.2
210.0			5.0
215.0			4.0

Main boom: 147.6 ft with 59.1 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.00

Counterweight: 220 400 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
40	90.0	148.5	148.5	122.6	122.6	136.4	152.7	116.0	137.0	123.5	146.6	121.1	150.9	117.4	133.7	135.0	156.0	121.6	121.6	149.4	149.4
	0.0	65.6	65.6	160.4	160.4	109.9	50.1	184.6	107.5	157.1	72.5	165.7	56.7	179.5	119.6	115.0	37.9	164.0	164.0	62.1	62.1
45	86.0	156.0	156.0	113.0	113.0	136.3	162.9	102.3	136.6	115.3	153.0	110.6	159.2	105.3	132.0	133.2	167.5	112.2	112.2	156.8	156.8
	0.0	69.4	69.4	156.7	156.7	110.3	55.0	179.0	107.8	153.9	75.7	161.6	60.9	174.6	119.3	114.7	43.5	160.2	160.2	65.8	65.8
50	82.0	162.9	162.9	104.1	104.1	136.2	172.3	89.6	136.1	107.7	158.8	100.9	166.7	94.2	130.3	131.5	178.0	103.6	103.6	163.5	163.5
	0.0	73.1	73.1	152.9	152.9	110.7	60.0	173.3	108.1	150.6	78.9	157.4	65.1	169.6	118.9	114.4	49.1	156.4	156.4	69.6	69.6
55	77.0	167.9	167.9	96.6	96.6	135.6	179.2	79.1	135.2	101.3	162.9	92.8	172.1	85.0	128.6	129.7	185.8	96.3	96.3	168.2	168.2
	0.0	76.9	76.9	149.1	149.1	111.1	64.9	167.7	108.3	147.4	82.2	153.2	69.2	164.6	118.5	114.1	54.8	152.7	152.7	73.3	73.3
60	74.0	174.6	174.6	88.5	88.5	135.7	188.2	67.3	134.9	94.3	168.5	83.8	179.4	74.7	127.2	128.3	195.9	88.3	88.3	174.7	174.7
	0.0	80.7	80.7	145.4	145.4	111.4	69.9	162.1	108.6	144.1	85.4	149.0	73.4	159.7	118.2	113.8	60.4	148.9	148.9	77.1	77.1
65	70.0	179.3	179.3	81.7	81.7	135.3	194.7	57.7	134.2	88.5	172.5	76.4	184.6	66.3	125.7	126.8	203.2	81.7	81.7	179.3	179.3
	0.0	84.4	84.4	141.6	141.6	111.8	74.9	156.5	108.9	140.9	88.7	144.9	77.6	154.7	117.8	113.5	66.0	145.1	145.1	80.9	80.9
70	66.0	183.4	183.4	75.6	75.6	134.9	200.4	49.2	133.5	83.3	175.9	69.8	189.0	58.9	124.3	125.3	209.6	75.8	75.8	183.2	183.2
	0.0	88.2	88.2	137.8	137.8	112.2	79.8	150.8	109.2	137.7	91.9	140.7	81.8	149.8	117.4	113.3	71.6	141.4	141.4	84.6	84.6
80	59.0	191.1	191.1	64.4	64.4	134.3	211.0	33.4	132.3	73.8	182.3	57.6	197.3	45.1	121.8	122.6	221.5	65.0	65.0	190.5	190.5
	0.0	95.7	95.7	130.3	130.3	112.9	89.7	139.6	109.8	131.2	98.4	132.3	90.1	139.8	116.7	112.7	82.8	133.8	133.8	92.2	92.2
90	54.0	199.9	199.9	53.0	53.0	134.1	223.0	17.2	131.6	64.1	189.8	45.1	207.0	30.8	119.7	120.5	234.9	53.9	53.9	199.1	199.1
	0.0	103.3	103.3	122.7	122.7	113.6	99.6	128.4	110.3	124.7	104.9	124.0	98.4	129.9	115.9	112.1	94.0	126.3	126.3	99.7	99.7

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450
Outrigger Load Chart
Ref.-Nr. 3 083 651
Main boom: 147.6 ft with 59.1 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.00

Counterweight: 220 400 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
100	50.0	209.0	209.0	41.9	41.9	134.2	235.2	1.2	131.3	54.6	197.4	33.0	216.9	16.8	117.8	118.6	248.7	43.0	43.0	207.9	207.9
	0.0	110.8	110.8	115.2	115.2	114.4	109.5	117.1	110.9	118.2	111.3	115.6	106.8	120.0	115.1	111.5	105.2	118.7	118.7	107.2	107.2
110	45.0	214.5	214.5	33.9	33.9	123.6	252.9	0.0	120.3	47.7	202.0	24.2	222.9	6.9	116.0	116.7	257.2	35.2	35.2	213.2	213.2
	0.0	118.3	118.3	107.6	107.6	115.1	119.4	105.9	111.4	111.7	117.8	107.3	115.1	110.1	114.4	110.9	116.4	111.2	111.2	114.7	114.7
120	40.0	218.3	218.3	27.6	27.6	114.3	266.9	0.0	110.6	42.4	205.1	17.4	226.9	0.0	113.7	114.3	263.8	29.2	29.2	216.7	216.7
	0.0	125.8	125.8	100.1	100.1	115.8	129.3	94.7	112.0	105.2	124.2	98.9	123.4	100.2	113.6	110.3	127.6	103.7	103.7	122.2	122.2
130	33.2	215.8	215.8	26.6	26.6	112.1	264.7	0.0	108.1	41.6	202.8	16.5	224.0	0.0	111.9	112.1	260.9	28.5	28.5	213.9	213.9
	0.0	133.3	133.3	92.6	92.6	116.5	139.1	83.5	112.6	98.8	130.7	90.6	131.7	90.3	112.9	109.7	138.8	96.2	96.2	129.7	129.7
140	27.6	214.2	214.2	25.5	25.5	109.8	263.9	0.0	105.6	40.7	201.2	15.4	222.1	0.0	109.9	109.8	259.5	27.7	27.7	212.0	212.0
	0.0	140.7	140.7	85.1	85.1	117.3	149.0	72.3	113.1	92.3	137.1	82.3	140.0	80.5	112.1	109.1	149.9	88.7	88.7	137.2	137.2
150	22.8	212.8	212.8	24.4	24.4	107.7	263.4	0.0	103.2	39.8	199.8	14.3	220.4	0.0	108.1	107.7	258.5	26.8	26.8	210.4	210.4
	0.0	148.2	148.2	77.6	77.6	118.0	158.8	61.2	113.7	85.9	143.5	74.0	148.2	70.6	111.4	108.5	161.0	81.2	81.2	144.6	144.6
160	18.6	211.6	211.6	23.5	23.5	106.0	262.9	0.0	101.3	39.1	198.6	13.4	218.9	0.0	106.6	106.0	257.6	26.1	26.1	208.9	208.9
	0.0	155.6	155.6	70.1	70.1	118.7	168.5	50.0	114.2	79.4	149.9	65.7	156.5	60.8	110.6	107.9	172.1	73.7	73.7	152.0	152.0
170	14.8	210.1	210.1	23.0	23.0	104.8	261.4	0.0	99.9	38.7	197.3	13.0	217.2	0.0	105.6	104.8	255.7	25.8	25.8	207.3	207.3
	0.0	163.0	163.0	62.7	62.7	119.4	178.3	38.9	114.7	73.0	156.3	57.4	164.6	51.0	109.9	107.4	183.2	66.3	66.3	159.4	159.4
180	11.4	208.6	208.6	22.7	22.7	104.0	259.7	0.0	98.9	38.5	195.9	12.8	215.5	0.0	105.0	104.0	253.6	25.7	25.7	205.6	205.6
	0.0	170.4	170.4	55.2	55.2	120.1	188.0	27.9	115.3	66.6	162.6	49.2	172.8	41.2	109.1	106.7	194.1	58.8	58.8	166.8	166.8

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 147.6 ft with 59.1 ft Boom extension, 3 ° offset
Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.00

Counterweight: 220 400 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
190	8.4	207.3	207.3	22.4	22.4	103.2	258.2	0.0	98.0	38.3	194.6	12.6	214.0	0.0	104.4	103.2	251.8	25.6	25.6	204.1	204.1
	0.0	177.7	177.7	47.9	47.9	120.8	197.6	16.9	115.8	60.3	168.9	41.0	180.9	31.6	108.3	106.1	205.0	51.5	51.5	174.1	174.1

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 163.4 ft with 59.1 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 220 400 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
45	86.0	155.4	155.4	113.8	113.8	136.3	162.1	103.3	136.6	115.9	152.5	111.5	158.5	106.3	132.1	133.4	166.6	113.0	113.0	156.2	156.2
	0.0	68.8	68.8	157.4	157.4	110.3	54.2	180.0	107.8	154.5	75.2	162.4	60.3	175.5	119.4	114.9	42.6	161.0	161.0	65.2	65.2
50	81.0	161.1	161.1	105.6	105.6	135.9	170.0	91.8	135.8	108.9	157.2	102.5	164.7	96.2	130.3	131.5	175.4	105.0	105.0	161.7	161.7
	0.0	72.5	72.5	153.7	153.7	110.7	59.1	174.5	108.1	151.4	78.4	158.3	64.4	170.6	119.1	114.6	48.1	157.3	157.3	68.9	68.9
55	77.0	167.2	167.2	97.5	97.5	135.6	178.2	80.4	135.2	102.1	162.3	93.8	171.3	86.2	128.7	129.8	184.6	97.2	97.2	167.5	167.5
	0.0	76.2	76.2	150.0	150.0	111.1	64.0	169.0	108.4	148.2	81.6	154.2	68.4	165.8	118.7	114.3	53.6	153.6	153.6	72.6	72.6
60	73.0	172.5	172.5	90.2	90.2	135.3	185.5	70.0	134.6	95.8	166.7	85.8	177.1	77.1	127.2	128.3	192.8	90.1	90.1	172.6	172.6
	0.0	79.9	79.9	146.3	146.3	111.4	68.8	163.5	108.7	145.0	84.7	150.1	72.5	160.9	118.3	114.0	59.1	149.9	149.9	76.3	76.3
65	69.0	177.1	177.1	83.6	83.6	135.0	191.8	60.7	133.9	90.2	170.6	78.5	182.1	68.9	125.8	126.7	199.9	83.7	83.7	177.0	177.0
	0.0	83.6	83.6	142.6	142.6	111.8	73.7	158.0	108.9	141.8	87.9	146.0	76.6	156.1	118.0	113.7	64.7	146.2	146.2	80.0	80.0
70	65.0	181.0	181.0	77.7	77.7	134.6	197.3	52.4	133.1	85.1	173.8	72.1	186.3	61.7	124.4	125.3	206.0	77.9	77.9	180.7	180.7
	0.0	87.2	87.2	138.9	138.9	112.1	78.5	152.5	109.2	138.6	91.1	141.9	80.7	151.2	117.6	113.4	70.2	142.5	142.5	83.7	83.7
80	59.0	190.0	190.0	65.7	65.7	134.2	209.5	35.3	132.3	74.9	181.4	59.0	196.1	46.7	122.0	122.8	219.8	66.2	66.2	189.4	189.4
	0.0	94.6	94.6	131.5	131.5	112.9	88.2	141.5	109.8	132.3	97.4	133.7	88.9	141.5	116.8	112.9	81.2	135.1	135.1	91.1	91.1
90	53.0	196.9	196.9	55.7	55.7	133.7	219.0	21.3	131.2	66.4	187.1	48.2	203.6	34.5	119.8	120.5	230.4	56.6	56.6	196.0	196.0
	0.0	102.0	102.0	124.1	124.1	113.6	98.0	130.4	110.3	125.9	103.8	125.5	97.1	131.7	116.1	112.3	92.2	127.7	127.7	98.5	98.5
100	49.0	205.6	205.6	45.0	45.0	133.7	230.8	5.8	130.9	57.2	194.5	36.4	213.2	20.9	118.0	118.7	243.7	46.1	46.1	204.6	204.6
	0.0	109.4	109.4	116.8	116.8	114.3	107.7	119.4	110.9	119.5	110.1	117.3	105.2	122.0	115.4	111.7	103.1	120.3	120.3	105.8	105.8

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450
Outrigger Load Chart
Ref.-Nr. 3 083 651
Main boom: 163.4 ft with 59.1 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 220 400 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
110	45.0	213.0	213.0	35.6	35.6	126.1	248.3	0.0	122.8	49.2	200.7	26.1	221.2	9.1	116.3	116.9	254.9	36.9	36.9	211.7	211.7
	0.0	116.7	116.7	109.4	109.4	115.0	117.3	108.4	111.4	113.2	116.5	109.2	113.4	112.3	114.6	111.1	114.1	112.9	112.9	113.2	113.2
120	40.8	218.4	218.4	28.0	28.0	115.0	266.5	0.0	111.4	42.7	205.3	17.8	227.1	0.0	114.4	115.0	263.5	29.5	29.5	216.9	216.9
	0.0	124.1	124.1	102.0	102.0	115.7	127.0	97.4	112.0	106.8	122.8	101.0	121.5	102.6	113.9	110.6	125.1	105.5	105.5	120.5	120.5
130	34.0	216.0	216.0	27.1	27.1	112.9	264.3	0.0	109.0	42.0	202.9	17.0	224.2	0.0	112.7	112.9	260.6	28.9	28.9	214.1	214.1
	0.0	131.4	131.4	94.6	94.6	116.4	136.7	86.5	112.5	100.5	129.1	92.8	129.7	92.9	113.2	110.0	136.0	98.2	98.2	127.9	127.9
140	28.4	214.3	214.3	25.9	25.9	110.6	263.4	0.0	106.4	41.0	201.3	15.9	222.2	0.0	110.7	110.6	259.2	28.1	28.1	212.2	212.2
	0.0	138.7	138.7	87.3	87.3	117.2	146.3	75.5	113.1	94.2	135.4	84.7	137.8	83.3	112.4	109.4	146.9	90.8	90.8	135.2	135.2
150	23.6	212.9	212.9	24.9	24.9	108.5	262.9	0.0	104.1	40.2	200.0	14.8	220.6	0.0	108.9	108.5	258.2	27.2	27.2	210.6	210.6
	0.0	146.0	146.0	80.0	80.0	117.9	155.9	64.6	113.6	87.9	141.7	76.6	145.9	73.6	111.7	108.8	157.8	83.5	83.5	142.5	142.5
160	19.4	211.7	211.7	24.0	24.0	106.8	262.3	0.0	102.2	39.5	198.8	14.0	219.1	0.0	107.3	106.8	257.1	26.6	26.6	209.1	209.1
	0.0	153.3	153.3	72.6	72.6	118.6	165.5	53.7	114.1	81.6	147.9	68.5	153.9	64.0	111.0	108.2	168.7	76.2	76.2	149.7	149.7
170	15.6	210.2	210.2	23.5	23.5	105.7	260.8	0.0	100.9	39.1	197.4	13.6	217.4	0.0	106.4	105.7	255.3	26.3	26.3	207.4	207.4
	0.0	160.6	160.6	65.3	65.3	119.3	175.0	42.9	114.7	75.3	154.2	60.4	161.9	54.5	110.2	107.7	179.5	68.9	68.9	157.0	157.0
180	12.2	208.7	208.7	23.2	23.2	104.9	259.0	0.0	99.9	38.9	196.0	13.4	215.6	0.0	105.9	104.9	253.1	26.2	26.2	205.8	205.8
	0.0	167.8	167.8	58.1	58.1	119.9	184.5	32.1	115.2	69.1	160.4	52.4	169.9	44.9	109.5	107.1	190.2	61.7	61.7	164.2	164.2
190	9.4	208.1	208.1	22.4	22.4	103.4	259.3	0.0	98.2	38.2	195.4	12.5	214.9	0.0	104.5	103.4	253.1	25.5	25.5	205.0	205.0
	0.0	174.9	174.9	50.9	50.9	120.6	193.9	21.3	115.7	62.8	166.5	44.4	177.9	35.4	108.7	106.5	200.9	54.4	54.4	171.3	171.3

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 163.4 ft with 59.1 ft Boom extension, 3 ° offset
Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 220 400 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
200	6.6	206.5	206.5	22.5	22.5	103.3	256.7	0.0	98.0	38.4	193.9	12.8	213.0	0.0	104.5	103.3	250.2	25.8	25.8	203.2	203.2
	0.0	182.0	182.0	43.7	43.7	121.3	203.3	10.6	116.2	56.7	172.6	36.4	185.7	26.0	108.0	105.9	211.5	47.3	47.3	178.4	178.4

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 179.2 ft with 59.1 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 220 400 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
50	78.0	157.3	157.3	108.1	108.1	134.9	165.2	95.9	134.8	111.1	153.9	105.4	160.4	99.8	130.0	131.0	169.9	107.7	107.7	157.7	157.7
	0.0	71.9	71.9	154.4	154.4	110.7	58.4	175.5	108.1	152.0	77.9	159.1	63.8	171.5	119.2	114.7	47.3	158.0	158.0	68.4	68.4
55	74.0	163.0	163.0	100.4	100.4	134.7	172.9	84.9	134.2	104.5	158.6	97.0	166.6	90.2	128.5	129.4	178.6	100.2	100.2	163.2	163.2
	0.0	75.6	75.6	150.8	150.8	111.1	63.1	170.1	108.4	148.8	81.1	155.1	67.8	166.8	118.8	114.4	52.7	154.3	154.3	72.0	72.0
60	69.0	166.7	166.7	94.1	94.1	134.0	178.2	76.3	133.2	99.2	161.7	90.2	170.6	82.7	126.9	127.6	184.5	94.2	94.2	166.7	166.7
	0.0	79.2	79.2	147.2	147.2	111.4	67.9	164.7	108.7	145.7	84.2	151.0	71.8	162.0	118.5	114.2	58.1	150.7	150.7	75.7	75.7
65	65.0	171.0	171.0	87.9	87.9	133.6	184.0	67.6	132.5	93.9	165.2	83.4	175.2	75.1	125.5	126.1	191.0	88.2	88.2	170.7	170.7
	0.0	82.8	82.8	143.5	143.5	111.8	72.7	159.3	109.0	142.6	87.3	147.0	75.8	157.2	118.1	113.9	63.6	147.0	147.0	79.3	79.3
70	62.0	175.9	175.9	81.4	81.4	133.5	190.8	58.4	132.1	88.4	169.4	76.4	180.6	67.0	124.2	124.9	198.6	81.9	81.9	175.5	175.5
	0.0	86.5	86.5	139.9	139.9	112.1	77.5	153.9	109.2	139.4	90.4	143.0	79.9	152.4	117.7	113.6	69.0	143.4	143.4	82.9	82.9
80	55.0	182.6	182.6	71.2	71.2	132.8	200.1	44.0	130.8	79.7	174.9	65.2	187.9	54.5	121.8	122.3	209.0	72.0	72.0	181.9	181.9
	0.0	93.7	93.7	132.6	132.6	112.8	87.0	143.0	109.8	133.2	96.7	134.9	87.9	142.8	117.0	113.0	79.8	136.1	136.1	90.2	90.2
90	50.0	190.5	190.5	60.8	60.8	132.5	210.8	29.2	130.1	70.8	181.5	53.9	196.5	41.5	119.8	120.2	221.1	61.8	61.8	189.5	189.5
	0.0	101.0	101.0	125.3	125.3	113.6	96.6	132.2	110.3	126.9	102.9	126.8	96.0	133.3	116.3	112.5	90.6	128.9	128.9	97.5	97.5
100	46.0	198.6	198.6	50.7	50.7	132.5	221.7	14.7	129.7	62.2	188.4	42.8	205.3	28.8	118.0	118.4	233.4	51.9	51.9	197.4	197.4
	0.0	108.2	108.2	118.1	118.1	114.3	106.1	121.4	110.9	120.7	109.2	118.8	104.0	123.7	115.6	111.9	101.4	121.6	121.6	104.7	104.7
110	42.2	205.7	205.7	41.7	41.7	132.4	231.4	1.8	129.2	54.4	194.4	32.9	213.1	17.4	116.4	116.8	244.2	43.1	43.1	204.3	204.3
	0.0	115.5	115.5	110.8	110.8	115.0	115.6	110.5	111.4	114.4	115.4	110.8	112.0	114.2	114.9	111.3	112.2	114.3	114.3	111.9	111.9

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450

Outrigger Load Chart

Ref.-Nr. 3 083 651

Main boom: 179.2 ft with 59.1 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 220 400 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
120	39.4	213.8	213.8	32.2	32.2	120.6	254.3	0.0	117.1	46.3	201.2	22.4	222.0	5.3	114.9	115.3	256.4	33.7	33.7	212.3	212.3
	0.0	122.7	122.7	103.6	103.6	115.7	125.2	99.7	112.0	108.2	121.6	102.7	120.0	104.6	114.1	110.8	123.0	107.1	107.1	119.2	119.2
130	34.8	216.4	216.4	27.2	27.2	113.2	264.8	0.0	109.3	42.1	203.4	17.1	224.8	0.0	112.9	113.2	261.2	29.0	29.0	214.7	214.7
	0.0	129.9	129.9	96.3	96.3	116.4	134.7	89.0	112.5	102.0	127.8	94.7	128.0	95.1	113.4	110.2	133.7	99.9	99.9	126.4	126.4
140	29.2	214.8	214.8	26.0	26.0	110.9	264.0	0.0	106.7	41.1	201.8	15.9	222.8	0.0	110.9	110.9	259.9	28.1	28.1	212.7	212.7
	0.0	137.1	137.1	89.1	89.1	117.1	144.1	78.2	113.0	95.7	134.0	86.7	136.0	85.6	112.7	109.6	144.5	92.6	92.6	133.6	133.6
150	24.4	213.4	213.4	24.9	24.9	108.8	263.6	0.0	104.4	40.2	200.5	14.9	221.2	0.0	109.0	108.8	258.9	27.3	27.3	211.1	211.1
	0.0	144.3	144.3	81.9	81.9	117.8	153.6	67.5	113.6	89.5	140.2	78.7	143.9	76.2	112.0	109.1	155.2	85.4	85.4	140.7	140.7
160	20.2	212.2	212.2	24.0	24.0	107.1	263.0	0.0	102.5	39.5	199.3	14.0	219.7	0.0	107.5	107.1	257.9	26.6	26.6	209.7	209.7
	0.0	151.4	151.4	74.7	74.7	118.5	163.0	56.8	114.1	83.4	146.3	70.8	151.8	66.7	111.2	108.5	165.8	78.3	78.3	147.9	147.9
170	16.4	210.7	210.7	23.6	23.6	105.9	261.5	0.0	101.1	39.2	197.9	13.6	218.0	0.0	106.6	105.9	256.1	26.3	26.3	208.0	208.0
	0.0	158.6	158.6	67.6	67.6	119.1	172.4	46.1	114.6	77.2	152.5	62.8	159.7	57.3	110.5	107.9	176.5	71.1	71.1	155.0	155.0
180	13.0	209.3	209.3	23.3	23.3	105.1	259.8	0.0	100.2	39.0	196.5	13.4	216.3	0.0	106.0	105.1	254.0	26.2	26.2	206.4	206.4
	0.0	165.6	165.6	60.4	60.4	119.8	181.7	35.5	115.1	71.1	158.6	54.9	167.6	47.9	109.8	107.4	187.0	64.0	64.0	162.1	162.1
190	10.0	208.0	208.0	23.0	23.0	104.4	258.3	0.0	99.3	38.8	195.3	13.2	214.8	0.0	105.4	104.4	252.2	26.1	26.1	204.9	204.9
	0.0	172.7	172.7	53.3	53.3	120.5	191.0	24.9	115.7	65.0	164.6	47.1	175.4	38.6	109.1	106.8	197.6	56.9	56.9	169.1	169.1
200	7.4	207.1	207.1	22.5	22.5	103.4	257.7	0.0	98.2	38.4	194.5	12.7	213.7	0.0	104.6	103.4	251.3	25.7	25.7	203.9	203.9
	0.0	179.7	179.7	46.3	46.3	121.2	200.2	14.4	116.2	58.9	170.6	39.2	183.2	29.3	108.4	106.2	208.0	49.8	49.8	176.1	176.1

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 179.2 ft with 59.1 ft Boom extension, 3 ° offset
Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 220 400 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
210	5.0	206.0	206.0	22.4	22.4	102.9	256.3	0.0	97.5	38.3	193.4	12.6	212.4	0.0	104.2	102.9	249.7	25.7	25.7	202.7	202.7
	0.0	186.6	186.6	39.3	39.3	121.8	209.3	4.0	116.7	52.9	176.6	31.5	190.8	20.1	107.6	105.7	218.3	42.8	42.8	183.1	183.1

* Loads and Outrigger loads are shown in 1000 lbs

Outrigger base 28.7 x 29.2 ft

220 400 lbs (100 t) counterweight

Length of boom extension 78.7 ft

Offset of boom extension 3 °

Reference chart 85% (lbs / ft)

3 083 652

Length of boom extension 78.7 ft

Offset of boom extension 3 °

outrigger base 28.7 x 29.2 ft

220 400 lbs (100 t) counterweight

	Main boom - fixed length in ft		
	147.6	163.4	179.2
Tel. sec. I	0.88	0.88	0.88
Tel. sec. II	0.88	0.88	0.88
Tel. sec. III	0.88	0.88	0.88
Tel. sec. IV	0.00	0.44	0.88
Radius in feet	Lifting capacities in 1000 lbs		
45.0	69.0		
50.0	66.0	66.0	
55.0	63.0	63.0	62.0
60.0	60.0	61.0	59.0
65.0	57.0	58.0	56.0
70.0	54.0	55.0	52.0
75.0	51.0	52.0	50.0
80.0	49.0	49.0	48.0
85.0	47.0	47.0	45.0
90.0	45.0	45.0	43.2
95.0	42.4	43.2	41.4
100.0	40.8	41.4	39.8
105.0	39.2	39.4	38.2
110.0	37.8	38.0	36.6
115.0	36.2	36.8	35.0
120.0	34.6	35.4	33.6
125.0	33.2	34.2	32.2
130.0	32.0	32.8	30.8
135.0	30.6	31.4	29.4
140.0	29.2	30.4	28.0
145.0	27.4	28.0	26.6
150.0	25.0	25.6	25.8
155.0	23.0	23.6	24.0
160.0	21.0	21.4	22.0
165.0	19.0	19.6	20.0
170.0	17.2	17.8	18.4

Reference chart 85% (lbs / ft)

3 083 652

Length of boom extension 78.7 ft

Offset of boom extension 3 °

outrigger base 28.7 x 29.2 ft

220 400 lbs (100 t) counterweight

	Main boom - fixed length in ft		
	147.6	163.4	179.2
Tel. sec. I	0.88	0.88	0.88
Tel. sec. II	0.88	0.88	0.88
Tel. sec. III	0.88	0.88	0.88
Tel. sec. IV	0.00	0.44	0.88
Radius in feet	Lifting capacities in 1000 lbs		
175.0	15.4	16.2	16.6
180.0	13.8	14.4	15.0
185.0	12.2	13.0	13.4
190.0	10.8	11.4	12.0
195.0	9.4	10.0	10.6
200.0	8.0	8.8	9.2
205.0		7.4	8.0
210.0		6.2	6.8
215.0		5.2	5.6
220.0		4.0	4.6
225.0			3.6

Main boom: 147.6 ft with 78.7 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.00

Counterweight: 220 400 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
45	69.0	136.9	136.9	124.2	124.2	131.2	138.9	121.1	131.1	125.1	136.1	123.5	137.6	122.2	130.0	130.1	140.0	124.2	124.2	136.9	136.9
	0.0	67.4	67.4	159.3	159.3	110.4	52.4	182.6	107.9	156.1	74.1	164.4	58.8	177.8	119.8	115.2	40.5	162.7	162.7	63.9	63.9
50	66.0	143.2	143.2	116.4	116.4	131.2	147.4	109.9	130.8	118.5	141.4	115.0	144.5	112.4	128.6	128.7	149.6	116.6	116.6	143.1	143.1
	0.0	71.0	71.0	155.7	155.7	110.7	57.1	177.3	108.2	153.0	77.1	160.4	62.7	173.1	119.4	115.0	45.9	159.2	159.2	67.5	67.5
55	63.0	149.0	149.0	109.1	109.1	131.2	155.2	99.4	130.4	112.2	146.2	107.0	150.8	103.2	127.3	127.4	158.4	109.5	109.5	148.7	148.7
	0.0	74.6	74.6	152.1	152.1	111.1	61.8	172.0	108.5	149.9	80.2	156.5	66.7	168.4	119.1	114.7	51.2	155.6	155.6	71.1	71.1
60	60.0	154.3	154.3	102.4	102.4	131.1	162.4	89.8	130.0	106.5	150.7	99.6	156.6	94.8	126.0	126.1	166.4	102.9	102.9	153.8	153.8
	0.0	78.1	78.1	148.5	148.5	111.4	66.5	166.6	108.8	146.9	83.3	152.5	70.6	163.7	118.7	114.4	56.5	152.0	152.0	74.6	74.6
65	57.0	159.0	159.0	96.2	96.2	131.0	168.8	80.9	129.6	101.1	154.6	92.8	161.7	87.0	124.8	124.9	173.6	96.8	96.8	158.4	158.4
	0.0	81.7	81.7	144.9	144.9	111.8	71.2	161.3	109.0	143.8	86.4	148.5	74.6	159.0	118.4	114.1	61.8	148.4	148.4	78.2	78.2
70	54.0	163.2	163.2	90.4	90.4	130.8	174.5	72.8	129.2	96.3	158.2	86.6	166.3	79.9	123.7	123.7	180.1	91.2	91.2	162.4	162.4
	0.0	85.3	85.3	141.4	141.4	112.1	75.9	156.0	109.3	140.7	89.4	144.6	78.6	154.2	118.0	113.8	67.2	144.9	144.9	81.8	81.8
80	49.0	171.7	171.7	79.5	79.5	130.6	186.0	57.1	128.5	86.9	165.3	74.6	175.5	66.1	121.6	121.6	193.0	80.5	80.5	170.6	170.6
	0.0	92.4	92.4	134.2	134.2	112.8	85.3	145.3	109.8	134.5	95.6	136.6	86.5	144.8	117.3	113.3	77.8	137.7	137.7	88.9	88.9
90	45.0	180.2	180.2	68.9	68.9	130.6	197.5	42.0	128.1	77.9	172.5	63.0	184.9	52.8	119.8	119.7	205.9	70.2	70.2	178.9	178.9
	0.0	99.6	99.6	127.0	127.0	113.5	94.7	134.6	110.4	128.4	101.7	128.7	94.4	135.4	116.6	112.7	88.5	130.5	130.5	96.1	96.1
100	40.8	186.9	186.9	60.1	60.1	130.4	206.7	29.4	127.6	70.3	178.1	53.3	192.2	41.8	118.0	118.0	216.2	61.6	61.6	185.4	185.4
	0.0	106.7	106.7	119.9	119.9	114.2	104.1	123.9	110.9	122.2	107.9	120.8	102.3	126.0	115.9	112.2	99.2	123.4	123.4	103.2	103.2

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450
Outrigger Load Chart
Ref.-Nr. 3 083 652
Main boom: 147.6 ft with 78.7 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.00

Counterweight: 220 400 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
110	37.8	194.7	194.7	50.8	50.8	130.6	217.2	15.8	127.4	62.3	184.8	43.1	200.8	29.9	116.5	116.5	228.0	52.4	52.4	193.1	193.1
	0.0	113.9	113.9	112.7	112.7	114.9	113.5	113.3	111.5	116.0	114.0	112.8	110.3	116.6	115.2	111.6	109.8	116.2	116.2	110.4	110.4
120	34.6	201.0	201.0	42.8	42.8	130.5	225.7	4.4	127.0	55.5	190.1	34.4	207.7	19.9	115.1	115.1	237.7	44.6	44.6	199.3	199.3
	0.0	121.0	121.0	105.5	105.5	115.6	122.9	102.6	112.0	109.9	120.2	104.9	118.2	107.2	114.4	111.1	120.5	109.0	109.0	117.5	117.5
130	32.0	207.7	207.7	34.8	34.8	123.5	241.9	0.0	119.7	48.6	195.8	25.6	215.1	9.7	113.8	113.8	247.8	36.7	36.7	205.8	205.8
	0.0	128.2	128.2	98.4	98.4	116.3	132.3	91.9	112.5	103.7	126.3	97.0	126.1	97.7	113.7	110.5	131.1	101.9	101.9	124.7	124.7
140	29.2	213.0	213.0	28.1	28.1	113.9	258.5	0.0	109.8	42.9	200.2	18.3	220.8	1.3	112.6	112.6	255.8	30.2	30.2	210.9	210.9
	0.0	135.3	135.3	91.2	91.2	117.0	141.7	81.3	113.1	97.6	132.5	89.0	134.0	88.3	113.0	110.0	141.7	94.7	94.7	131.8	131.8
150	25.0	213.3	213.3	25.7	25.7	110.0	262.3	0.0	105.7	40.9	200.4	15.7	221.0	0.0	110.2	110.0	257.7	28.0	28.0	211.0	211.0
	0.0	142.4	142.4	84.1	84.1	117.7	151.1	70.6	113.6	91.4	138.6	81.1	141.9	78.9	112.3	109.4	152.4	87.6	87.6	138.9	138.9
160	21.0	212.7	212.7	24.3	24.3	107.5	263.4	0.0	103.0	39.7	199.7	14.2	220.3	0.0	107.9	107.5	258.5	26.7	26.7	210.2	210.2
	0.0	149.5	149.5	76.9	76.9	118.4	160.4	60.0	114.1	85.3	144.7	73.2	149.7	69.6	111.6	108.8	163.0	80.5	80.5	146.0	146.0
170	17.2	211.4	211.4	23.7	23.7	106.3	262.3	0.0	101.5	39.2	198.5	13.7	218.7	0.0	106.8	106.3	257.0	26.3	26.3	208.7	208.7
	0.0	156.6	156.6	69.8	69.8	119.1	169.8	49.4	114.6	79.1	150.8	65.3	157.6	60.2	110.9	108.3	173.5	73.3	73.3	153.1	153.1
180	13.8	210.0	210.0	23.3	23.3	105.3	260.9	0.0	100.4	38.9	197.2	13.3	217.1	0.0	106.1	105.3	255.2	26.1	26.1	207.2	207.2
	0.0	163.7	163.7	62.7	62.7	119.8	179.1	38.8	115.2	73.0	156.9	57.4	165.5	50.8	110.1	107.7	184.1	66.2	66.2	160.2	160.2
190	10.8	208.9	208.9	22.9	22.9	104.3	259.8	0.0	99.3	38.6	196.1	13.0	215.8	0.0	105.3	104.3	253.9	25.8	25.8	205.9	205.9
	0.0	170.8	170.8	55.6	55.6	120.4	188.4	28.2	115.7	66.9	163.0	49.6	173.3	41.5	109.4	107.1	194.6	59.1	59.1	167.2	167.2

* Loads and Outrigger loads are shown in 1000 lbs

Main boom:147.6 ft with 78.7 ft Boom extension, 3 ° offset

Telescoping ratio:Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.00

Counterweight:220 400 lbs

Outrigger base:28.7 x 29.2 ft

Slewing range:360°

<<-----L O A D P O S I T I O N S----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
200	8.0	207.4	207.4	22.9	22.9	104.0	257.7	0.0	98.9	38.6	194.8	13.0	214.1	0.0	105.1	104.0	251.5	26.0	26.0	204.3	204.3
	0.0	177.8	177.8	48.5	48.5	121.1	197.7	17.6	116.2	60.8	169.0	41.7	181.1	32.2	108.7	106.6	205.1	52.0	52.0	174.3	174.3

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 163.4 ft with 78.7 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 220 400 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
50	66.0	142.8	142.8	117.0	117.0	131.3	146.8	110.7	130.8	119.0	141.0	115.6	144.0	113.1	128.7	128.8	148.9	117.2	117.2	142.6	142.6
	0.0	70.5	70.5	156.3	156.3	110.7	56.5	178.2	108.3	153.5	76.8	161.1	62.2	173.8	119.5	115.1	45.2	159.7	159.7	67.1	67.1
55	63.0	148.5	148.5	109.8	109.8	131.2	154.6	100.4	130.5	112.8	145.8	107.7	150.3	104.0	127.4	127.5	157.6	110.1	110.1	148.2	148.2
	0.0	74.1	74.1	152.7	152.7	111.1	61.1	172.9	108.5	150.5	79.8	157.2	66.2	169.2	119.2	114.8	50.4	156.2	156.2	70.6	70.6
60	61.0	155.0	155.0	102.3	102.3	131.4	163.2	89.5	130.4	106.4	151.3	99.5	157.4	94.5	126.3	126.5	167.4	102.7	102.7	154.6	154.6
	0.0	77.6	77.6	149.2	149.2	111.4	65.8	167.6	108.8	147.4	82.8	153.3	70.1	164.5	118.8	114.5	55.7	152.7	152.7	74.1	74.1
65	58.0	159.8	159.8	96.0	96.0	131.3	169.7	80.6	130.0	101.0	155.4	92.6	162.6	86.7	125.1	125.2	174.7	96.6	96.6	159.2	159.2
	0.0	81.1	81.1	145.7	145.7	111.8	70.4	162.4	109.1	144.4	85.9	149.4	74.0	159.9	118.5	114.3	61.0	149.2	149.2	77.6	77.6
70	55.0	164.0	164.0	90.3	90.3	131.1	175.5	72.4	129.6	96.1	158.9	86.4	167.2	79.5	123.9	124.0	181.2	91.0	91.0	163.3	163.3
	0.0	84.7	84.7	142.1	142.1	112.1	75.0	157.1	109.3	141.4	88.9	145.4	77.9	155.2	118.1	114.0	66.2	145.6	145.6	81.2	81.2
80	49.0	170.9	170.9	80.4	80.4	130.6	185.1	58.4	128.6	87.6	164.7	75.5	174.7	67.3	121.7	121.7	191.9	81.4	81.4	169.9	169.9
	0.0	91.7	91.7	135.1	135.1	112.8	84.3	146.6	109.9	135.3	95.0	137.6	85.7	146.0	117.4	113.4	76.7	138.6	138.6	88.2	88.2
90	45.0	179.3	179.3	69.9	69.9	130.6	196.4	43.4	128.2	78.7	171.8	64.1	184.0	54.1	119.9	119.9	204.7	71.2	71.2	178.1	178.1
	0.0	98.8	98.8	128.0	128.0	113.5	93.6	136.1	110.4	129.2	101.0	129.8	93.5	136.7	116.7	112.9	87.2	131.5	131.5	95.3	95.3
100	41.4	187.1	187.1	60.3	60.3	130.6	206.9	29.6	127.8	70.5	178.4	53.5	192.5	41.9	118.2	118.2	216.5	61.7	61.7	185.7	185.7
	0.0	105.8	105.8	121.0	121.0	114.2	102.9	125.5	110.9	123.1	107.1	122.0	101.3	127.4	116.0	112.4	97.8	124.4	124.4	102.3	102.3
110	38.0	194.1	194.1	51.6	51.6	130.6	216.4	17.1	127.5	63.0	184.3	44.0	200.2	31.0	116.7	116.7	227.1	53.2	53.2	192.5	192.5
	0.0	112.9	112.9	113.9	113.9	114.9	112.1	115.0	111.5	117.1	113.2	114.1	109.1	118.1	115.3	111.8	108.3	117.4	117.4	109.4	109.4

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450
Outrigger Load Chart
Ref.-Nr. 3 083 652
Main boom: 163.4 ft with 78.7 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 220 400 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
120	35.4	201.8	201.8	42.7	42.7	130.8	226.6	4.1	127.4	55.4	190.8	34.2	208.6	19.5	115.3	115.4	238.7	44.4	44.4	200.1	200.1
	0.0	119.9	119.9	106.8	106.8	115.6	121.4	104.5	112.0	111.0	119.2	106.3	116.9	108.8	114.6	111.3	118.8	110.3	110.3	116.4	116.4
130	32.8	208.5	208.5	34.6	34.6	123.4	243.2	0.0	119.6	48.5	196.5	25.3	215.9	9.3	114.0	114.1	248.8	36.5	36.5	206.6	206.6
	0.0	126.9	126.9	99.8	99.8	116.3	130.7	94.0	112.5	104.9	125.3	98.5	124.7	99.5	113.9	110.7	129.2	103.3	103.3	123.4	123.4
140	30.4	214.8	214.8	27.1	27.1	112.6	262.7	0.0	108.5	42.0	201.9	17.0	222.9	0.0	112.5	112.6	258.8	29.0	29.0	212.9	212.9
	0.0	134.0	134.0	92.7	92.7	117.0	139.9	83.5	113.0	98.9	131.3	90.7	132.5	90.3	113.2	110.2	139.7	96.2	96.2	130.5	130.5
150	25.6	213.5	213.5	25.9	25.9	110.4	262.3	0.0	106.2	41.1	200.6	15.9	221.3	0.0	110.6	110.4	257.9	28.1	28.1	211.3	211.3
	0.0	141.0	141.0	85.7	85.7	117.6	149.1	73.0	113.6	92.8	137.4	82.9	140.3	81.0	112.5	109.6	150.2	89.2	89.2	137.5	137.5
160	21.4	212.4	212.4	25.0	25.0	108.6	261.9	0.0	104.1	40.3	199.5	15.0	219.9	0.0	109.0	108.6	257.1	27.4	27.4	209.9	209.9
	0.0	148.0	148.0	78.7	78.7	118.3	158.4	62.5	114.1	86.8	143.4	75.1	148.0	71.8	111.8	109.1	160.6	82.2	82.2	144.5	144.5
170	17.8	211.6	211.6	23.9	23.9	106.7	262.3	0.0	102.0	39.4	198.7	13.9	219.0	0.0	107.2	106.7	257.1	26.5	26.5	209.0	209.0
	0.0	155.0	155.0	71.6	71.6	119.0	167.6	52.1	114.6	80.7	149.4	67.3	155.8	62.6	111.1	108.5	171.1	75.1	75.1	151.5	151.5
180	14.4	210.3	210.3	23.5	23.5	105.7	260.9	0.0	100.9	39.1	197.4	13.6	217.4	0.0	106.5	105.7	255.4	26.3	26.3	207.5	207.5
	0.0	161.9	161.9	64.6	64.6	119.7	176.7	41.6	115.1	74.7	155.4	59.6	163.5	53.3	110.4	108.0	181.5	68.1	68.1	158.4	158.4
190	11.4	209.1	209.1	23.1	23.1	104.8	259.8	0.0	99.8	38.8	196.4	13.2	216.1	0.0	105.7	104.8	254.0	26.0	26.0	206.2	206.2
	0.0	168.9	168.9	57.7	57.7	120.3	185.9	31.2	115.6	68.7	161.4	51.8	171.2	44.2	109.7	107.4	191.8	61.2	61.2	165.4	165.4
200	8.8	208.4	208.4	22.5	22.5	103.6	259.7	0.0	98.5	38.3	195.7	12.6	215.2	0.0	104.7	103.6	253.5	25.5	25.5	205.4	205.4
	0.0	175.8	175.8	50.7	50.7	121.0	195.0	20.8	116.1	62.7	167.3	44.1	178.9	35.0	109.0	106.9	202.2	54.2	54.2	172.3	172.3

* Loads and Outrigger loads are shown in 1000 lbs

Main boom:163.4 ft with 78.7 ft Boom extension, 3 ° offset

Telescoping ratio:Tel. sec. I = 0.88Tel. sec. II = 0.88Tel. sec. III = 0.88Tel. sec. IV = 0.44

Counterweight:220 400 lbs

Outrigger base:28.7 x 29.2 ft

Slewing range:360°

<<-----L O A D P O S I T I O N S----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
210	6.2	206.8	206.8	22.8	22.8	103.7	256.9	0.0	98.5	38.6	194.2	13.0	213.3	0.0	104.9	103.7	250.5	26.0	26.0	203.6	203.6
	0.0	182.7	182.7	43.7	43.7	121.7	204.1	10.5	116.6	56.7	173.3	36.4	186.5	25.9	108.3	106.3	212.4	47.2	47.2	179.2	179.2
220	4.0	205.8	205.8	22.6	22.6	103.2	255.7	0.0	97.9	38.5	193.2	12.9	212.2	0.0	104.5	103.2	249.0	25.9	25.9	202.5	202.5
	0.0	189.6	189.6	36.8	36.8	122.3	213.1	0.2	117.1	50.7	179.2	28.7	194.1	16.8	107.6	105.7	222.7	40.3	40.3	186.1	186.1

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 179.2 ft with 78.7 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 220 400 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
55	62.0	146.9	146.9	111.0	111.0	130.9	152.6	102.3	130.2	113.9	144.5	109.1	148.5	105.8	127.4	127.5	155.3	111.4	111.4	146.6	146.6
	0.0	73.7	73.7	153.3	153.3	111.1	60.6	173.7	108.6	151.0	79.5	157.8	65.7	169.9	119.3	114.9	49.8	156.8	156.8	70.2	70.2
60	59.0	152.0	152.0	104.4	104.4	130.8	159.4	92.9	129.8	108.2	148.7	101.9	154.1	97.5	126.2	126.2	163.1	104.9	104.9	151.5	151.5
	0.0	77.2	77.2	149.8	149.8	111.5	65.2	168.5	108.8	148.0	82.5	153.9	69.6	165.3	119.0	114.7	55.0	153.3	153.3	73.7	73.7
65	56.0	156.6	156.6	98.4	98.4	130.6	165.6	84.3	129.4	103.1	152.6	95.3	159.0	90.0	125.0	125.0	170.0	99.0	99.0	155.9	155.9
	0.0	80.7	80.7	146.3	146.3	111.8	69.7	163.3	109.1	145.0	85.5	150.0	73.5	160.7	118.6	114.4	60.2	149.8	149.8	77.2	77.2
70	52.0	159.2	159.2	93.8	93.8	130.1	169.3	78.0	128.5	99.2	154.7	90.3	161.8	84.5	123.7	123.6	174.1	94.7	94.7	158.3	158.3
	0.0	84.1	84.1	142.8	142.8	112.1	74.3	158.1	109.4	141.9	88.5	146.2	77.3	156.1	118.3	114.1	65.4	146.3	146.3	80.7	80.7
80	48.0	168.7	168.7	82.2	82.2	130.2	182.2	61.3	128.2	89.3	162.8	77.6	172.3	69.8	121.8	121.7	188.6	83.3	83.3	167.7	167.7
	0.0	91.1	91.1	135.8	135.8	112.8	83.5	147.7	109.9	135.9	94.5	138.4	85.0	146.9	117.6	113.6	75.8	139.3	139.3	87.6	87.6
90	43.2	175.4	175.4	73.1	73.1	129.9	191.4	48.3	127.5	81.4	168.4	67.6	179.6	58.5	119.9	119.8	198.9	74.4	74.4	174.1	174.1
	0.0	98.1	98.1	128.9	128.9	113.5	92.7	137.3	110.4	129.9	100.5	130.7	92.8	137.7	116.9	113.0	86.2	132.3	132.3	94.6	94.6
100	39.8	183.2	183.2	63.6	63.6	130.0	201.9	34.6	127.2	73.3	175.0	57.2	188.2	46.4	118.3	118.2	210.8	65.1	65.1	181.8	181.8
	0.0	105.0	105.0	121.9	121.9	114.2	101.8	126.9	111.0	123.9	106.5	123.0	100.5	128.5	116.2	112.5	96.6	125.3	125.3	101.6	101.6
110	36.6	190.3	190.3	54.9	54.9	130.0	211.4	22.1	126.9	65.9	181.0	47.7	195.9	35.5	116.8	116.7	221.5	56.6	56.6	188.7	188.7
	0.0	112.0	112.0	114.9	114.9	114.9	111.0	116.5	111.5	117.9	112.5	115.2	108.2	119.4	115.5	112.0	107.0	118.4	118.4	108.5	108.5
120	33.6	196.7	196.7	47.0	47.0	130.0	220.0	10.8	126.6	59.1	186.4	39.0	202.9	25.5	115.4	115.3	231.2	48.8	48.8	194.9	194.9
	0.0	119.0	119.0	107.9	107.9	115.6	120.2	106.1	112.0	111.9	118.4	107.5	115.9	110.2	114.8	111.4	117.4	111.4	111.4	115.5	115.5

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450

Outrigger Load Chart

Ref.-Nr. 3 083 652

Main boom: 179.2 ft with 78.7 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 220 400 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
130	30.8	202.5	202.5	39.8	39.8	130.0	227.9	0.3	126.3	52.9	191.3	31.1	209.3	16.3	114.2	114.0	240.0	41.7	41.7	200.6	200.6
	0.0	125.9	125.9	101.0	101.0	116.2	129.3	95.7	112.5	105.9	124.4	99.8	123.6	101.0	114.1	110.9	127.7	104.4	104.4	122.4	122.4
140	28.0	207.4	207.4	33.5	33.5	121.3	243.1	0.0	117.3	47.6	195.4	24.2	214.6	8.5	113.0	112.8	247.4	35.6	35.6	205.3	205.3
	0.0	132.9	132.9	94.0	94.0	116.9	138.4	85.3	113.0	99.9	130.4	92.1	131.3	91.9	113.4	110.3	138.1	97.5	97.5	129.4	129.4
150	25.8	212.9	212.9	26.8	26.8	111.7	260.2	0.0	107.5	41.8	200.1	16.9	220.7	0.0	111.9	111.7	255.9	29.0	29.0	210.7	210.7
	0.0	139.8	139.8	87.1	87.1	117.6	147.6	75.0	113.6	94.0	136.4	84.4	139.0	82.8	112.7	109.8	148.4	90.5	90.5	136.3	136.3
160	22.0	212.9	212.9	24.9	24.9	108.6	262.8	0.0	104.2	40.2	199.9	14.9	220.6	0.0	109.0	108.6	258.0	27.3	27.3	210.5	210.5
	0.0	146.7	146.7	80.1	80.1	118.3	156.7	64.6	114.1	88.0	142.3	76.7	146.6	73.6	112.0	109.3	158.7	83.6	83.6	143.2	143.2
170	18.4	212.2	212.2	23.8	23.8	106.7	263.2	0.0	102.1	39.3	199.2	13.8	219.7	0.0	107.2	106.7	258.1	26.4	26.4	209.6	209.6
	0.0	153.6	153.6	73.2	73.2	118.9	165.8	54.3	114.6	82.0	148.2	69.0	154.3	64.5	111.3	108.7	169.0	76.7	76.7	150.1	150.1
180	15.0	210.8	210.8	23.4	23.4	105.7	261.9	0.0	100.9	39.0	198.0	13.4	218.1	0.0	106.4	105.7	256.4	26.1	26.1	208.1	208.1
	0.0	160.5	160.5	66.3	66.3	119.6	174.8	44.0	115.1	76.1	154.2	61.4	161.9	55.4	110.6	108.2	179.3	69.7	69.7	157.0	157.0
190	12.0	209.7	209.7	23.0	23.0	104.8	260.8	0.0	99.8	38.7	196.9	13.1	216.8	0.0	105.6	104.8	255.1	25.9	25.9	206.9	206.9
	0.0	167.4	167.4	59.4	59.4	120.3	183.9	33.7	115.6	70.1	160.1	53.7	169.5	46.4	110.0	107.6	189.5	62.8	62.8	163.9	163.9
200	9.2	208.3	208.3	23.0	23.0	104.4	258.8	0.0	99.4	38.7	195.6	13.2	215.1	0.0	105.4	104.4	252.7	26.0	26.0	205.3	205.3
	0.0	174.2	174.2	52.5	52.5	120.9	192.9	23.5	116.1	64.2	166.0	46.1	177.1	37.3	109.3	107.1	199.7	56.0	56.0	170.7	170.7
210	6.8	207.4	207.4	22.7	22.7	103.7	258.0	0.0	98.5	38.5	194.7	12.8	214.1	0.0	104.8	103.7	251.7	25.8	25.8	204.3	204.3
	0.0	181.0	181.0	45.6	45.6	121.6	201.8	13.3	116.6	58.3	171.8	38.5	184.7	28.3	108.6	106.5	209.9	49.1	49.1	177.5	177.5

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 179.2 ft with 78.7 ft Boom extension, 3 ° offset
Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 220 400 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
220	4.6	206.5	206.5	22.5	22.5	103.1	256.9	0.0	97.8	38.3	193.8	12.7	213.0	0.0	104.4	103.1	250.3	25.7	25.7	203.2	203.2
	0.0	187.8	187.8	38.8	38.8	122.2	210.8	3.1	117.1	52.4	177.7	30.9	192.2	19.3	107.9	106.0	220.0	42.3	42.3	184.3	184.3

* Loads and Outrigger loads are shown in 1000 lbs

Outrigger base 28.7 x 29.2 ft

176 300 lbs (80 t) counterweight

Length of boom extension 39.4 ft

Offset of boom extension 3 °

Reference chart 85% (lbs / ft)

3 083 670

Length of boom extension 39.4 ft

Offset of boom extension 3 °

outrigger base 28.7 x 29.2 ft

176 300 lbs (80 t) counterweight

	Main boom - fixed length in ft		
	147.6	163.4	179.2
Tel. sec. I	0.88	0.88	0.88
Tel. sec. II	0.88	0.88	0.88
Tel. sec. III	0.88	0.88	0.88
Tel. sec. IV	0.00	0.44	0.88
Radius in feet	Lifting capacities in 1000 lbs		
40.0	120.0	114.0	
45.0	112.0	107.0	100.0
50.0	106.0	100.0	94.0
55.0	99.0	95.0	88.0
60.0	94.0	90.0	83.0
65.0	89.0	85.0	79.0
70.0	83.0	81.0	74.0
75.0	74.0	74.0	71.0
80.0	67.0	67.0	66.0
85.0	59.0	60.0	60.0
90.0	53.0	54.0	54.0
95.0	47.0	49.0	49.0
100.0	42.0	43.4	45.0
105.0	37.4	38.8	40.0
110.0	33.4	34.8	35.8
115.0	29.6	31.2	32.2
120.0	26.4	27.8	28.8
125.0	23.4	24.8	25.8
130.0	20.6	22.2	23.2
135.0	18.2	19.6	20.6
140.0	15.8	17.4	18.4
145.0	13.6	15.2	16.2
150.0	11.4	13.0	14.2
155.0	9.6	11.2	12.2
160.0	7.8	9.2	10.4
165.0	6.0	7.6	8.8
170.0	4.6	6.0	7.2
175.0		4.6	5.6
180.0		3.2	4.2
185.0			3.0

Main boom: 147.6 ft with 39.4 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.00

Counterweight: 176 300 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
40	120.0	181.0	181.0	82.0	82.0	136.3	196.7	57.7	135.4	88.8	174.1	76.7	186.5	66.2	126.6	127.8	205.5	81.9	81.9	181.2	181.2
	0.0	70.5	70.5	132.5	132.5	101.1	59.8	149.2	96.0	133.7	75.3	136.2	61.0	149.1	107.8	101.2	48.0	138.4	138.4	64.7	64.7
45	112.0	187.4	187.4	71.7	71.7	135.3	205.6	43.4	133.8	80.0	179.3	65.5	193.4	53.7	124.0	125.0	215.4	71.9	71.9	187.1	187.1
	0.0	74.5	74.5	128.6	128.6	101.5	65.0	143.3	96.3	130.2	78.7	131.8	65.4	143.9	107.4	100.9	53.9	134.4	134.4	68.6	68.6
50	106.0	194.5	194.5	61.5	61.5	134.8	215.4	29.0	132.8	71.3	185.3	54.4	201.1	41.2	121.8	122.7	226.5	62.1	62.1	194.0	194.0
	0.0	78.5	78.5	124.6	124.6	101.9	70.3	137.3	96.6	126.8	82.1	127.4	69.8	138.6	107.0	100.6	59.9	130.4	130.4	72.6	72.6
55	99.0	199.4	199.4	53.1	53.1	133.9	222.4	17.4	131.4	64.1	189.3	45.2	206.4	31.0	119.5	120.3	234.2	54.0	54.0	198.5	198.5
	0.0	82.4	82.4	120.6	120.6	102.3	75.5	131.4	96.9	123.4	85.5	123.0	74.2	133.4	106.6	100.3	65.8	126.5	126.5	76.6	76.6
60	94.0	205.7	205.7	44.3	44.3	133.5	231.0	5.0	130.6	56.7	194.5	35.7	213.2	20.2	117.7	118.3	243.8	45.5	45.5	204.5	204.5
	0.0	86.4	86.4	116.6	116.6	102.7	80.7	125.5	97.2	120.0	88.9	118.6	78.6	128.2	106.2	100.0	71.7	122.5	122.5	80.6	80.6
65	89.0	211.0	211.0	36.5	36.5	127.0	244.4	0.0	123.7	49.9	199.0	27.1	219.0	10.5	115.9	116.4	252.1	37.9	37.9	209.6	209.6
	0.0	90.4	90.4	112.6	112.6	103.1	86.0	119.5	97.5	116.5	92.3	114.1	83.0	122.9	105.8	99.6	77.6	118.5	118.5	84.5	84.5
70	83.0	214.1	214.1	30.4	30.4	117.8	257.1	0.0	114.1	44.8	201.4	20.6	222.2	3.4	114.1	114.4	257.1	32.1	32.1	212.4	212.4
	0.0	94.4	94.4	108.6	108.6	103.4	91.2	113.6	97.8	113.1	95.8	109.7	87.4	117.7	105.4	99.3	83.5	114.5	114.5	88.5	88.5
80	67.0	210.6	210.6	25.9	25.9	109.6	258.2	0.0	105.1	41.1	197.9	16.0	217.9	0.0	110.1	109.6	253.2	28.4	28.4	208.1	208.1
	0.0	102.3	102.3	100.7	100.7	104.2	101.6	101.7	98.4	106.3	102.6	100.9	96.2	107.2	104.6	98.7	95.4	106.6	106.6	96.4	96.4
90	53.0	205.1	205.1	24.3	24.3	105.9	252.4	0.0	100.7	39.9	192.7	14.7	211.5	0.0	107.1	105.9	245.9	27.5	27.5	201.9	201.9
	0.0	110.2	110.2	92.7	92.7	105.0	112.0	89.9	99.0	99.4	109.4	92.1	105.0	96.8	103.8	98.1	107.2	98.6	98.6	104.3	104.3

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450
Outrigger Load Chart
Ref.-Nr. 3 083 670
Main boom: 147.6 ft with 39.4 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.00

Counterweight: 176 300 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
100	42.0	200.6	200.6	23.3	23.3	103.1	247.3	0.0	97.4	39.2	188.5	13.9	206.2	0.0	104.9	103.1	239.8	27.1	27.1	196.9	196.9
	0.0	118.1	118.1	84.8	84.8	105.7	122.4	78.1	99.6	92.6	116.2	83.3	113.7	86.3	103.0	97.5	119.0	90.7	90.7	112.2	112.2
110	33.4	197.4	197.4	22.1	22.1	100.5	244.2	0.0	94.4	38.3	185.5	12.9	202.4	0.0	102.8	100.5	235.8	26.4	26.4	193.2	193.2
	0.0	126.0	126.0	76.9	76.9	106.5	132.8	66.3	100.1	85.8	123.0	74.5	122.4	75.9	102.2	96.8	130.7	82.8	82.8	120.1	120.1
120	26.4	194.9	194.9	21.1	21.1	98.3	242.0	0.0	91.8	37.5	183.1	12.0	199.5	0.0	100.9	98.3	232.8	25.7	25.7	190.3	190.3
	0.0	133.8	133.8	69.0	69.0	107.3	143.1	54.5	100.7	79.0	129.7	65.8	131.1	65.6	101.4	96.2	142.4	74.9	74.9	127.9	127.9
130	20.6	192.9	192.9	20.2	20.2	96.3	240.3	0.0	89.5	36.8	181.2	11.1	197.1	0.0	99.3	96.3	230.6	25.0	25.0	188.0	188.0
	0.0	141.6	141.6	61.1	61.1	108.0	153.4	42.8	101.3	72.2	136.4	57.1	139.8	55.2	100.6	95.6	154.1	67.0	67.0	135.8	135.8
140	15.8	191.4	191.4	19.1	19.1	94.2	239.7	0.0	87.3	35.9	179.8	10.1	195.4	0.0	97.5	94.2	229.5	24.2	24.2	186.3	186.3
	0.0	149.4	149.4	53.3	53.3	108.7	163.7	31.1	101.8	65.5	143.1	48.4	148.4	44.9	99.8	94.9	165.6	59.2	59.2	143.5	143.5
150	11.4	189.4	189.4	18.9	18.9	93.3	237.2	0.0	86.1	35.7	177.9	9.9	193.0	0.0	96.8	93.3	226.5	24.2	24.2	184.1	184.1
	0.0	157.1	157.1	45.5	45.5	109.5	173.8	19.6	102.4	58.8	149.7	39.8	156.9	34.7	99.0	94.3	177.2	51.4	51.4	151.2	151.2
160	7.8	188.2	188.2	18.2	18.2	91.9	236.3	0.0	84.6	35.2	176.7	9.3	191.6	0.0	95.6	91.9	225.3	23.7	23.7	182.7	182.7
	0.0	164.8	164.8	37.8	37.8	110.2	183.9	8.1	102.9	52.1	156.3	31.2	165.4	24.6	98.2	93.7	188.5	43.7	43.7	158.8	158.8
170	4.6	186.9	186.9	17.8	17.8	90.9	235.0	0.0	83.4	34.9	175.5	8.9	190.0	0.0	94.8	90.9	223.6	23.5	23.5	181.2	181.2
	0.0	172.3	172.3	30.1	30.1	107.6	197.1	0.0	100.1	45.5	162.8	22.8	173.7	14.5	97.4	93.0	199.8	36.0	36.0	166.3	166.3

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 163.4 ft with 39.4 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 176 300 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
40	114.0	174.4	174.4	85.7	85.7	134.5	188.4	64.0	133.4	92.0	168.2	80.9	179.0	71.8	125.7	126.6	196.0	85.8	85.8	174.3	174.3
	0.0	69.4	69.4	133.7	133.7	101.0	58.4	150.8	95.9	134.6	74.3	137.4	59.8	150.6	107.9	101.3	46.4	139.5	139.5	63.6	63.6
45	107.0	181.1	181.1	75.5	75.5	133.7	197.7	49.7	132.1	83.3	173.8	69.8	186.3	59.4	123.3	124.0	206.4	76.0	76.0	180.6	180.6
	0.0	73.3	73.3	129.8	129.8	101.4	63.4	145.1	96.2	131.3	77.6	133.2	64.0	145.5	107.5	101.0	52.1	135.7	135.7	67.4	67.4
50	100.0	186.6	186.6	66.5	66.5	132.8	205.4	37.2	130.7	75.6	178.3	60.0	192.2	48.5	121.1	121.6	215.0	67.3	67.3	185.7	185.7
	0.0	77.1	77.1	126.0	126.0	101.8	68.5	139.4	96.5	128.0	80.9	128.9	68.3	140.4	107.2	100.7	57.8	131.8	131.8	71.2	71.2
55	95.0	193.2	193.2	57.3	57.3	132.5	214.5	24.3	129.9	67.8	183.8	50.1	199.4	37.2	119.2	119.6	225.2	58.4	58.4	192.1	192.1
	0.0	81.0	81.0	122.1	122.1	102.1	73.5	133.6	96.8	124.7	84.2	124.6	72.5	135.4	106.8	100.4	63.6	128.0	128.0	75.1	75.1
60	90.0	199.0	199.0	49.1	49.1	132.0	222.4	12.6	129.0	60.8	188.6	41.0	205.7	27.0	117.4	117.7	234.1	50.4	50.4	197.6	197.6
	0.0	84.8	84.8	118.3	118.3	102.5	78.6	127.9	97.1	121.4	87.5	120.4	76.8	130.3	106.4	100.1	69.3	124.1	124.1	78.9	78.9
65	85.0	203.9	203.9	41.7	41.7	131.5	229.2	2.3	128.1	54.5	192.7	33.0	211.0	17.9	115.6	115.8	241.7	43.3	43.3	202.3	202.3
	0.0	88.6	88.6	114.4	114.4	102.9	83.6	122.2	97.4	118.1	90.8	116.1	81.1	125.3	106.0	99.8	75.0	120.3	120.3	82.8	82.8
70	81.0	209.3	209.3	34.2	34.2	122.9	245.0	0.0	119.2	48.1	197.2	24.8	216.9	8.6	114.1	114.2	250.1	36.0	36.0	207.5	207.5
	0.0	92.5	92.5	110.6	110.6	103.3	88.7	116.4	97.7	114.7	94.1	111.8	85.3	120.2	105.6	99.5	80.7	116.4	116.4	86.6	86.6
80	67.0	208.5	208.5	28.0	28.0	112.7	252.1	0.0	108.2	43.0	196.1	18.4	215.6	2.5	110.7	110.2	249.6	30.5	30.5	206.0	206.0
	0.0	100.2	100.2	102.9	102.9	104.0	98.8	105.0	98.2	108.1	100.7	103.3	93.8	110.1	104.9	98.9	92.2	108.7	108.7	94.3	94.3
90	54.0	204.5	204.5	25.5	25.5	107.6	249.9	0.0	102.5	40.9	192.2	16.0	210.9	0.9	107.9	106.7	244.5	28.6	28.6	201.4	201.4
	0.0	107.8	107.8	95.2	95.2	104.8	108.9	93.5	98.8	101.5	107.3	94.8	102.3	100.0	104.1	98.3	103.6	101.0	101.0	101.9	101.9

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450
Outrigger Load Chart
Ref.-Nr. 3 083 670
Main boom: 163.4 ft with 39.4 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 176 300 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
100	43.4	200.7	200.7	23.9	23.9	104.2	246.6	0.0	98.6	39.7	188.7	14.6	206.4	0.3	105.6	103.9	239.5	27.6	27.6	197.0	197.0
	0.0	115.5	115.5	87.5	87.5	105.5	119.0	82.1	99.4	94.9	113.9	86.3	110.8	89.9	103.3	97.7	115.0	93.4	93.4	109.6	109.6
110	34.8	197.5	197.5	22.8	22.8	101.6	243.5	0.0	95.6	38.8	185.6	13.6	202.6	0.0	103.8	101.6	235.2	26.9	26.9	193.4	193.4
	0.0	123.1	123.1	79.8	79.8	106.2	129.0	70.6	100.0	88.3	120.5	77.8	119.2	79.8	102.6	97.1	126.4	85.7	85.7	117.2	117.2
120	27.8	195.0	195.0	21.8	21.8	99.3	241.2	0.0	93.0	38.0	183.2	12.7	199.6	0.0	102.0	99.3	232.3	26.3	26.3	190.5	190.5
	0.0	130.7	130.7	72.2	72.2	107.0	139.0	59.2	100.5	81.7	127.0	69.3	127.7	69.7	101.8	96.5	137.8	78.1	78.1	124.8	124.8
130	22.2	193.5	193.5	20.4	20.4	96.8	240.9	0.0	90.2	36.9	181.8	11.3	197.8	0.0	99.7	96.8	231.4	25.2	25.2	188.7	188.7
	0.0	138.3	138.3	64.5	64.5	107.7	149.0	47.9	101.1	75.2	133.6	60.9	136.1	59.7	101.0	95.9	149.1	70.4	70.4	132.4	132.4
140	17.4	192.2	192.2	19.3	19.3	94.7	240.5	0.0	87.8	36.1	180.5	10.3	196.2	0.0	97.9	94.7	230.5	24.3	24.3	187.2	187.2
	0.0	145.9	145.9	56.9	56.9	108.4	159.0	36.5	101.6	68.6	140.1	52.4	144.5	49.7	100.2	95.3	160.4	62.8	62.8	140.0	140.0
150	13.0	190.3	190.3	19.0	19.0	93.7	238.2	0.0	86.6	35.8	178.7	10.0	194.0	0.0	97.1	93.7	227.7	24.2	24.2	185.0	185.0
	0.0	153.4	153.4	49.3	49.3	109.2	168.9	25.3	102.2	62.1	146.6	44.0	152.8	39.7	99.5	94.7	171.6	55.2	55.2	147.5	147.5
160	9.2	188.6	188.6	18.7	18.7	92.9	236.1	0.0	85.6	35.6	177.1	9.8	192.0	0.0	96.5	92.9	225.2	24.2	24.2	183.1	183.1
	0.0	160.9	160.9	41.8	41.8	109.9	178.8	14.0	102.7	55.6	153.0	35.7	161.1	29.8	98.7	94.1	182.8	47.7	47.7	155.0	155.0
170	6.0	187.4	187.4	18.2	18.2	91.8	235.2	0.0	84.3	35.2	176.0	9.4	190.6	0.0	95.5	91.8	223.9	23.8	23.8	181.8	181.8
	0.0	168.3	168.3	34.3	34.3	110.6	188.5	2.9	103.2	49.1	159.4	27.4	169.3	20.0	97.9	93.5	193.8	40.2	40.2	162.4	162.4
180	3.2	186.4	186.4	17.7	17.7	90.7	234.4	0.0	83.2	34.8	175.0	8.9	189.4	0.0	94.7	90.7	222.8	23.5	23.5	180.6	180.6
	0.0	175.7	175.7	26.9	26.9	103.1	206.4	0.0	95.6	42.7	165.7	19.1	177.5	10.2	97.2	92.8	204.8	32.8	32.8	169.7	169.7

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 179.2 ft with 39.4 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 176 300 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<----- L O A D P O S I T I O N S ----->

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
45	100.0	173.3	173.3	79.9	79.9	131.6	187.9	57.2	129.8	87.2	166.9	74.9	177.5	66.1	122.5	122.7	195.2	80.7	80.7	172.5	172.5
	0.0	72.6	72.6	130.7	130.7	101.4	62.5	146.4	96.3	132.1	77.0	134.2	63.3	146.6	107.7	101.2	51.0	136.5	136.5	66.7	66.7
50	94.0	179.2	179.2	71.0	71.0	131.0	196.1	44.8	128.7	79.6	171.7	65.3	183.9	55.3	120.4	120.5	204.4	72.2	72.2	178.1	178.1
	0.0	76.3	76.3	126.9	126.9	101.8	67.4	140.8	96.5	128.8	80.3	130.0	67.4	141.7	107.3	100.9	56.6	132.8	132.8	70.5	70.5
55	88.0	184.1	184.1	63.2	63.2	130.2	202.9	33.9	127.5	72.9	175.7	56.7	189.1	45.8	118.4	118.3	211.9	64.6	64.6	182.6	182.6
	0.0	80.1	80.1	123.2	123.2	102.1	72.3	135.2	96.8	125.6	83.5	125.8	71.6	136.7	107.0	100.6	62.2	129.0	129.0	74.2	74.2
60	83.0	189.1	189.1	55.6	55.6	129.7	209.9	23.3	126.6	66.5	179.9	48.5	194.6	36.5	116.7	116.5	219.8	57.3	57.3	187.5	187.5
	0.0	83.8	83.8	119.4	119.4	102.5	77.3	129.6	97.1	122.4	86.7	121.7	75.7	131.8	106.6	100.3	67.8	125.3	125.3	78.0	78.0
65	79.0	194.7	194.7	48.1	48.1	129.4	217.5	12.5	126.0	60.0	184.6	40.2	200.6	27.1	115.2	114.9	228.3	49.9	49.9	192.8	192.8
	0.0	87.6	87.6	115.7	115.7	102.9	82.2	124.0	97.4	119.1	89.9	117.5	79.9	126.9	106.2	100.0	73.4	121.5	121.5	81.7	81.7
70	74.0	198.1	198.1	42.1	42.1	128.8	222.4	4.4	124.9	55.0	187.4	33.8	204.3	20.0	113.6	113.2	233.7	44.3	44.3	196.0	196.0
	0.0	91.3	91.3	111.9	111.9	103.2	87.2	118.4	97.7	115.9	93.2	113.3	84.1	121.9	105.8	99.7	79.0	117.7	117.7	85.5	85.5
80	66.0	205.5	205.5	30.7	30.7	116.3	244.3	0.0	111.8	45.2	193.5	21.4	212.3	6.0	110.9	110.3	245.3	33.2	33.2	203.0	203.0
	0.0	98.8	98.8	104.4	104.4	104.0	97.0	107.2	98.2	109.4	99.6	105.0	92.4	112.0	105.1	99.1	90.2	110.2	110.2	93.0	93.0
90	54.0	203.0	203.0	27.2	27.2	110.0	245.5	0.0	104.9	42.4	191.0	17.8	209.2	3.1	108.1	106.9	242.2	30.3	30.3	199.9	199.9
	0.0	106.3	106.3	96.9	96.9	104.7	106.9	96.0	98.8	103.0	106.1	96.7	100.7	102.1	104.3	98.5	101.4	102.7	102.7	100.5	100.5
100	45.0	202.2	202.2	23.5	23.5	103.8	249.4	0.0	98.2	39.3	190.0	14.0	208.1	0.0	105.4	103.8	242.2	27.0	27.0	198.6	198.6
	0.0	113.8	113.8	89.4	89.4	105.4	116.7	84.8	99.4	96.5	112.5	88.4	108.9	92.3	103.6	97.9	112.5	95.2	95.2	107.9	107.9

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450

Outrigger Load Chart

Ref.-Nr. 3 083 670

Main boom: 179.2 ft with 39.4 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 176 300 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
110	35.8	197.8	197.8	23.2	23.2	102.3	243.3	0.0	96.4	39.2	185.9	14.0	203.0	0.4	104.1	102.0	235.6	27.3	27.3	193.8	193.8
	0.0	121.3	121.3	81.9	81.9	106.1	126.5	73.7	99.9	90.1	118.9	80.1	117.2	82.4	102.8	97.4	123.6	87.7	87.7	115.4	115.4
120	28.8	195.3	195.3	22.2	22.2	100.1	241.1	0.0	93.8	38.4	183.5	13.1	200.0	0.0	102.6	100.1	232.3	26.6	26.6	190.9	190.9
	0.0	128.7	128.7	74.4	74.4	106.9	136.3	62.5	100.5	83.6	125.3	71.8	125.5	72.6	102.1	96.8	134.7	80.3	80.3	122.8	122.8
130	23.2	193.8	193.8	20.9	20.9	97.6	240.8	0.0	91.0	37.3	182.1	11.8	198.2	0.0	100.4	97.6	231.4	25.6	25.6	189.1	189.1
	0.0	136.1	136.1	67.0	67.0	107.6	146.1	51.4	101.0	77.2	131.7	63.5	133.7	62.8	101.3	96.2	145.8	72.8	72.8	130.3	130.3
140	18.4	192.5	192.5	19.8	19.8	95.5	240.3	0.0	88.7	36.4	180.8	10.7	196.6	0.0	98.6	95.5	230.4	24.7	24.7	187.5	187.5
	0.0	143.5	143.5	59.5	59.5	108.3	155.8	40.4	101.6	70.8	138.1	55.3	141.9	53.1	100.6	95.6	156.8	65.4	65.4	137.6	137.6
150	14.2	191.1	191.1	19.0	19.0	93.9	239.4	0.0	86.8	35.8	179.5	9.9	195.0	0.0	97.2	93.9	229.1	24.1	24.1	186.0	186.0
	0.0	150.9	150.9	52.1	52.1	109.0	165.5	29.3	102.1	64.5	144.4	47.1	150.0	43.3	99.8	95.0	167.8	58.0	58.0	145.0	145.0
160	10.4	189.5	189.5	18.7	18.7	93.0	237.5	0.0	85.8	35.6	177.9	9.7	193.0	0.0	96.5	93.0	226.8	24.0	24.0	184.1	184.1
	0.0	158.2	158.2	44.8	44.8	109.7	175.1	18.4	102.6	58.1	150.7	38.9	158.1	33.7	99.1	94.4	178.7	50.6	50.6	152.3	152.3
170	7.2	188.4	188.4	18.1	18.1	91.8	236.6	0.0	84.5	35.1	176.9	9.2	191.7	0.0	95.5	91.8	225.6	23.6	23.6	182.8	182.8
	0.0	165.4	165.4	37.4	37.4	110.4	184.7	7.5	103.2	51.8	156.9	30.8	166.2	24.0	98.3	93.8	189.5	43.3	43.3	159.6	159.6
180	4.2	186.7	186.7	18.2	18.2	91.5	234.3	0.0	84.0	35.2	175.4	9.4	189.9	0.0	95.4	91.5	222.9	23.8	23.8	181.1	181.1
	0.0	172.6	172.6	30.2	30.2	107.7	197.6	0.0	100.3	45.6	163.1	22.8	174.1	14.5	97.6	93.2	200.3	36.0	36.0	166.8	166.8

* Loads and Outrigger loads are shown in 1000 lbs

Outrigger base 28.7 x 29.2 ft

176 300 lbs (80 t) counterweight

Length of boom extension 59.1 ft

Offset of boom extension 3 °

Reference chart 85% (lbs / ft)

3 083 671

Length of boom extension 59.1 ft

Offset of boom extension 3 °

outrigger base 28.7 x 29.2 ft

176 300 lbs (80 t) counterweight

	Main boom - fixed length in ft		
	147.6	163.4	179.2
Tel. sec. I	0.88	0.88	0.88
Tel. sec. II	0.88	0.88	0.88
Tel. sec. III	0.88	0.88	0.88
Tel. sec. IV	0.00	0.44	0.88
Radius in feet	Lifting capacities in 1000 lbs		
40.0	90.0		
45.0	86.0	86.0	
50.0	82.0	81.0	78.0
55.0	77.0	77.0	74.0
60.0	74.0	73.0	69.0
65.0	70.0	69.0	65.0
70.0	66.0	65.0	62.0
75.0	63.0	62.0	58.0
80.0	59.0	59.0	55.0
85.0	56.0	56.0	52.0
90.0	54.0	53.0	50.0
95.0	50.0	50.0	48.0
100.0	45.0	46.0	46.0
105.0	40.2	41.2	41.6
110.0	36.2	37.0	37.8
115.0	32.4	33.4	34.0
120.0	29.2	30.0	30.8
125.0	26.2	27.0	27.6
130.0	23.4	24.2	25.0
135.0	20.8	21.6	22.4
140.0	18.4	19.4	20.0
145.0	16.4	17.2	17.8
150.0	14.4	15.2	15.8
155.0	12.4	13.2	14.0
160.0	10.4	11.4	12.2
165.0	8.8	9.6	10.4
170.0	7.2	8.0	8.8
175.0	5.6	6.6	7.4
180.0	4.2	5.2	6.0
185.0		3.8	4.6
190.0			3.4

Main boom: 147.6 ft with 59.1 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.00

Counterweight: 176 300 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<----- L O A D P O S I T I O N S ----->

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
40	90.0	151.4	151.4	97.4	97.4	127.7	159.7	84.5	125.8	102.4	147.7	94.6	153.0	90.4	122.5	121.8	163.1	98.7	98.7	150.1	150.1
	0.0	68.5	68.5	135.3	135.3	101.2	57.1	153.1	96.3	136.0	73.6	139.2	58.8	152.5	108.4	101.8	45.0	141.1	141.1	62.8	62.8
45	86.0	159.0	159.0	87.9	87.9	127.6	170.0	70.8	125.4	94.2	154.1	84.1	161.3	78.4	120.7	120.0	174.6	89.3	89.3	157.5	157.5
	0.0	72.3	72.3	131.5	131.5	101.6	62.0	147.5	96.5	132.8	76.8	135.1	63.0	147.6	108.0	101.5	50.6	137.3	137.3	66.5	66.5
50	82.0	165.8	165.8	79.0	79.0	127.5	179.3	58.1	124.8	86.6	159.9	74.4	168.8	67.2	119.1	118.3	185.1	80.7	80.7	164.2	164.2
	0.0	76.1	76.1	127.8	127.8	102.0	67.0	141.9	96.8	129.5	80.1	130.9	67.2	142.6	107.7	101.2	56.2	133.6	133.6	70.3	70.3
55	77.0	170.8	170.8	71.5	71.5	126.9	186.2	47.6	123.9	80.2	164.0	66.2	174.2	58.1	117.3	116.5	192.8	73.4	73.4	168.9	168.9
	0.0	79.8	79.8	124.0	124.0	102.3	72.0	136.3	97.1	126.3	83.3	126.7	71.4	137.7	107.3	100.9	61.8	129.8	129.8	74.1	74.1
60	74.0	177.5	177.5	63.3	63.3	127.0	195.2	35.9	123.7	73.2	169.7	57.3	181.5	47.7	115.9	115.1	202.9	65.4	65.4	175.4	175.4
	0.0	83.6	83.6	120.2	120.2	102.7	76.9	130.6	97.4	123.1	86.6	122.5	75.5	132.7	106.9	100.6	67.4	126.0	126.0	77.8	77.8
65	70.0	182.3	182.3	56.6	56.6	126.6	201.7	26.3	123.0	67.4	173.7	49.9	186.7	39.4	114.5	113.6	210.3	58.8	58.8	180.0	180.0
	0.0	87.4	87.4	116.5	116.5	103.1	81.9	125.0	97.7	119.8	89.8	118.3	79.7	127.7	106.5	100.4	73.0	122.2	122.2	81.6	81.6
70	66.0	186.4	186.4	50.5	50.5	126.2	207.4	17.7	122.3	62.2	177.0	43.3	191.1	31.9	113.1	112.1	216.6	52.9	52.9	183.9	183.9
	0.0	91.1	91.1	112.7	112.7	103.5	86.8	119.4	98.0	116.6	93.0	114.2	83.9	122.8	106.2	100.1	78.6	118.5	118.5	85.3	85.3
80	59.0	194.0	194.0	39.3	39.3	125.6	218.0	2.0	121.0	52.7	183.4	31.0	199.4	18.1	110.6	109.4	228.5	42.1	42.1	191.2	191.2
	0.0	98.7	98.7	105.1	105.1	104.2	96.7	108.2	98.5	110.1	99.5	105.8	92.2	112.9	105.4	99.5	89.9	110.9	110.9	92.9	92.9
90	54.0	202.9	202.9	27.9	27.9	111.1	244.3	0.0	106.2	43.0	190.9	18.6	209.1	3.9	108.5	107.3	242.0	31.0	31.0	199.8	199.8
	0.0	106.2	106.2	97.6	97.6	104.9	106.6	96.9	99.1	103.6	106.0	97.4	100.5	102.9	104.6	98.9	101.1	103.4	103.4	100.4	100.4

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450
Outrigger Load Chart
Ref.-Nr. 3 083 671
Main boom: 147.6 ft with 59.1 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.00

Counterweight: 176 300 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
100	45.0	202.1	202.1	24.2	24.2	104.9	248.3	0.0	99.4	39.9	189.9	14.7	208.0	0.2	106.3	104.7	241.4	27.7	27.7	198.6	198.6
	0.0	113.7	113.7	90.1	90.1	105.7	116.5	85.7	99.7	97.1	112.5	89.1	108.9	93.0	103.9	98.3	112.3	95.9	95.9	107.9	107.9
110	36.2	198.6	198.6	23.2	23.2	102.5	244.5	0.0	96.6	39.1	186.7	13.9	203.9	0.1	104.5	102.4	236.7	27.2	27.2	194.7	194.7
	0.0	121.2	121.2	82.5	82.5	106.4	126.4	74.5	100.2	90.6	118.9	80.7	117.2	83.1	103.1	97.7	123.5	88.3	88.3	115.4	115.4
120	29.2	196.2	196.2	22.1	22.1	100.1	242.6	0.0	93.9	38.2	184.4	12.9	201.1	0.0	102.5	100.1	234.0	26.4	26.4	191.9	191.9
	0.0	128.7	128.7	75.0	75.0	107.1	136.3	63.2	100.8	84.1	125.4	72.4	125.5	73.2	102.4	97.1	134.7	80.8	80.8	122.9	122.9
130	23.4	194.4	194.4	21.0	21.0	97.9	241.4	0.0	91.4	37.4	182.6	11.9	198.9	0.0	100.7	97.9	232.2	25.6	25.6	189.8	189.8
	0.0	136.2	136.2	67.5	67.5	107.8	146.1	52.0	101.3	77.7	131.8	64.1	133.8	63.3	101.6	96.5	145.8	73.3	73.3	130.4	130.4
140	18.4	192.6	192.6	20.2	20.2	96.2	239.9	0.0	89.5	36.8	180.9	11.2	196.8	0.0	99.3	96.2	230.2	25.1	25.1	187.7	187.7
	0.0	143.7	143.7	60.0	60.0	108.6	156.0	40.9	101.9	71.2	138.2	55.8	142.1	53.5	100.9	95.9	157.0	65.8	65.8	137.9	137.9
150	14.4	191.9	191.9	18.9	18.9	93.9	240.8	0.0	86.9	35.7	180.2	9.8	195.9	0.0	97.1	93.9	230.6	23.9	23.9	186.9	186.9
	0.0	151.1	151.1	52.5	52.5	109.3	165.8	29.7	102.4	64.8	144.6	47.5	150.3	43.6	100.1	95.4	168.1	58.3	58.3	145.3	145.3
160	10.4	189.8	189.8	18.9	18.9	93.5	237.7	0.0	86.3	35.8	178.3	10.0	193.5	0.0	96.9	93.5	227.1	24.2	24.2	184.5	184.5
	0.0	158.6	158.6	45.0	45.0	110.0	175.6	18.6	103.0	58.3	151.0	39.2	158.6	33.8	99.4	94.8	179.2	50.8	50.8	152.7	152.7
170	7.2	188.9	188.9	18.2	18.2	92.1	237.2	0.0	84.9	35.2	177.3	9.3	192.3	0.0	95.8	92.1	226.3	23.7	23.7	183.4	183.4
	0.0	165.9	165.9	37.6	37.6	110.7	185.3	7.5	103.5	51.9	157.4	30.9	166.8	24.0	98.6	94.2	190.2	43.4	43.4	160.1	160.1
180	4.2	187.4	187.4	18.1	18.1	91.6	235.2	0.0	84.2	35.2	176.0	9.3	190.6	0.0	95.4	91.6	224.0	23.7	23.7	181.8	181.8
	0.0	173.3	173.3	30.1	30.1	107.8	198.5	0.0	100.5	45.5	163.7	22.7	174.9	14.3	97.9	93.6	201.2	36.0	36.0	167.5	167.5

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 163.4 ft with 59.1 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 176 300 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
45	86.0	158.4	158.4	88.6	88.6	127.6	169.2	71.9	125.4	94.9	153.6	85.0	160.6	79.3	120.9	120.2	173.7	90.1	90.1	156.9	156.9
	0.0	71.7	71.7	132.3	132.3	101.6	61.2	148.6	96.6	133.4	76.3	135.9	62.4	148.5	108.2	101.7	49.7	138.1	138.1	66.0	66.0
50	81.0	164.1	164.1	80.4	80.4	127.2	177.0	60.3	124.5	87.9	158.4	76.0	166.8	69.2	119.1	118.3	182.5	82.1	82.1	162.4	162.4
	0.0	75.4	75.4	128.6	128.6	102.0	66.1	143.1	96.9	130.3	79.5	131.8	66.5	143.7	107.8	101.4	55.2	134.4	134.4	69.6	69.6
55	77.0	170.1	170.1	72.4	72.4	126.9	185.2	48.9	124.0	81.0	163.4	67.2	173.4	59.2	117.5	116.6	191.7	74.3	74.3	168.2	168.2
	0.0	79.1	79.1	124.9	124.9	102.3	71.0	137.6	97.2	127.1	82.7	127.7	70.6	138.8	107.4	101.1	60.7	130.7	130.7	73.3	73.3
60	73.0	175.4	175.4	65.1	65.1	126.6	192.5	38.5	123.3	74.7	167.9	59.2	179.2	50.1	116.0	115.1	199.9	67.2	67.2	173.3	173.3
	0.0	82.8	82.8	121.2	121.2	102.7	75.8	132.1	97.4	123.9	85.9	123.6	74.6	134.0	107.1	100.8	66.2	127.0	127.0	77.0	77.0
65	69.0	180.0	180.0	58.5	58.5	126.3	198.9	29.2	122.7	69.1	171.7	52.0	184.2	42.0	114.5	113.5	207.0	60.8	60.8	177.7	177.7
	0.0	86.5	86.5	117.5	117.5	103.1	80.7	126.5	97.7	120.7	89.1	119.5	78.7	129.1	106.7	100.5	71.7	123.3	123.3	80.7	80.7
70	65.0	184.0	184.0	52.5	52.5	125.9	204.3	20.9	121.9	64.0	175.0	45.6	188.4	34.7	113.1	112.1	213.1	55.0	55.0	181.5	181.5
	0.0	90.2	90.2	113.8	113.8	103.4	85.5	121.0	98.0	117.5	92.2	115.4	82.8	124.2	106.3	100.2	77.2	119.6	119.6	84.4	84.4
80	59.0	192.9	192.9	40.5	40.5	125.5	216.6	3.8	121.1	53.8	182.5	32.5	198.2	19.7	110.8	109.6	226.8	43.3	43.3	190.1	190.1
	0.0	97.6	97.6	106.4	106.4	104.2	95.3	110.0	98.5	111.2	98.6	107.2	91.0	114.5	105.6	99.7	88.2	112.2	112.2	91.8	91.8
90	53.0	199.8	199.8	30.6	30.6	114.9	236.2	0.0	109.9	45.3	188.3	21.6	205.7	7.5	108.6	107.3	237.5	33.7	33.7	196.7	196.7
	0.0	104.9	104.9	99.0	99.0	104.9	105.0	99.0	99.1	104.8	104.9	99.0	99.2	104.8	104.9	99.1	99.2	104.8	104.8	99.2	99.2
100	46.0	202.7	202.7	24.3	24.3	105.2	248.9	0.0	99.8	39.9	190.5	14.8	208.7	0.1	106.6	105.1	242.1	27.7	27.7	199.2	199.2
	0.0	112.3	112.3	91.6	91.6	105.6	114.7	88.0	99.7	98.4	111.3	90.8	107.3	95.1	104.1	98.5	110.2	97.4	97.4	106.5	106.5

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450
Outrigger Load Chart
Ref.-Nr. 3 083 671
Main boom: 163.4 ft with 59.1 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 176 300 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
110	37.0	198.8	198.8	23.6	23.6	103.2	244.2	0.0	97.4	39.5	186.9	14.4	204.1	0.5	104.7	102.7	236.9	27.5	27.5	194.9	194.9
	0.0	119.7	119.7	84.3	84.3	106.3	124.4	77.0	100.2	92.1	117.6	82.6	115.5	85.4	103.4	97.9	121.2	90.0	90.0	113.9	113.9
120	30.0	196.4	196.4	22.5	22.5	100.8	242.3	0.0	94.7	38.6	184.6	13.3	201.3	0.0	103.2	100.8	233.7	26.8	26.8	192.1	192.1
	0.0	127.0	127.0	76.9	76.9	107.0	134.0	66.0	100.8	85.8	123.9	74.5	123.6	75.7	102.7	97.4	132.1	82.7	82.7	121.2	121.2
130	24.2	194.5	194.5	21.4	21.4	98.7	241.0	0.0	92.2	37.8	182.8	12.3	199.1	0.0	101.4	98.7	231.9	26.0	26.0	190.0	190.0
	0.0	134.4	134.4	69.5	69.5	107.7	143.7	55.0	101.3	79.4	130.2	66.3	131.8	66.0	101.9	96.8	143.1	75.3	75.3	128.6	128.6
140	19.4	193.3	193.3	20.3	20.3	96.5	240.9	0.0	89.8	36.8	181.6	11.2	197.6	0.0	99.4	96.5	231.2	25.1	25.1	188.5	188.5
	0.0	141.7	141.7	62.2	62.2	108.5	153.3	44.1	101.8	73.1	136.5	58.2	139.9	56.3	101.2	96.2	154.0	67.9	67.9	135.9	135.9
150	15.2	192.1	192.1	19.3	19.3	94.7	240.3	0.0	87.8	36.1	180.4	10.3	196.1	0.0	97.9	94.7	230.3	24.4	24.4	187.0	187.0
	0.0	149.0	149.0	54.8	54.8	109.2	162.9	33.2	102.4	66.8	142.8	50.1	148.0	46.7	100.4	95.6	164.9	60.6	60.6	143.2	143.2
160	11.4	190.5	190.5	18.9	18.9	93.7	238.7	0.0	86.6	35.7	178.9	9.9	194.3	0.0	97.0	93.7	228.3	24.1	24.1	185.3	185.3
	0.0	156.2	156.2	47.5	47.5	109.9	172.5	22.3	102.9	60.5	149.1	42.0	156.0	37.1	99.7	95.1	175.7	53.3	53.3	150.5	150.5
170	8.0	189.0	189.0	18.8	18.8	93.0	236.6	0.0	85.8	35.7	177.5	9.9	192.5	0.0	96.6	93.0	225.8	24.2	24.2	183.6	183.6
	0.0	163.5	163.5	40.2	40.2	110.6	182.0	11.4	103.5	54.2	155.3	33.9	164.0	27.5	99.0	94.5	186.5	46.0	46.0	157.7	157.7
180	5.2	188.2	188.2	18.1	18.1	91.8	236.4	0.0	84.4	35.1	176.7	9.2	191.5	0.0	95.5	91.8	225.3	23.7	23.7	182.6	182.6
	0.0	170.7	170.7	33.0	33.0	111.2	191.5	0.6	104.0	48.0	161.5	25.8	172.0	18.0	98.2	93.9	197.3	38.8	38.8	164.9	164.9

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 179.2 ft with 59.1 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 176 300 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
50	78.0	160.3	160.3	82.9	82.9	126.2	172.2	64.4	123.6	90.0	155.0	78.9	162.5	72.9	118.8	117.8	177.0	84.8	84.8	158.4	158.4
	0.0	74.9	74.9	129.3	129.3	102.0	65.4	144.1	96.9	130.9	79.1	132.6	65.9	144.6	107.9	101.5	54.4	135.1	135.1	69.1	69.1
55	74.0	166.0	166.0	75.2	75.2	126.0	179.9	53.5	123.0	83.5	159.8	70.4	168.7	63.3	117.2	116.2	185.7	77.3	77.3	163.9	163.9
	0.0	78.5	78.5	125.7	125.7	102.4	70.2	138.7	97.2	127.7	82.2	128.5	69.9	139.8	107.6	101.2	59.8	131.4	131.4	72.8	72.8
60	69.0	169.7	169.7	69.0	69.0	125.3	185.2	44.9	122.0	78.2	162.8	63.7	172.7	55.8	115.6	114.4	191.5	71.3	71.3	167.4	167.4
	0.0	82.1	82.1	122.0	122.0	102.7	74.9	133.2	97.5	124.6	85.3	124.5	73.9	135.0	107.2	101.0	65.2	127.8	127.8	76.4	76.4
65	65.0	173.9	173.9	62.8	62.8	124.9	191.0	36.1	121.2	72.8	166.3	56.9	177.3	48.1	114.2	112.9	198.1	65.3	65.3	171.4	171.4
	0.0	85.8	85.8	118.4	118.4	103.1	79.7	127.8	97.7	121.5	88.5	120.5	77.9	130.2	106.9	100.7	70.6	124.2	124.2	80.0	80.0
70	62.0	178.9	178.9	56.3	56.3	124.8	197.8	26.9	120.8	67.3	170.5	49.8	182.7	40.0	113.0	111.7	205.6	59.0	59.0	176.2	176.2
	0.0	89.4	89.4	114.8	114.8	103.4	84.5	122.4	98.0	118.3	91.6	116.4	82.0	125.4	106.5	100.4	76.0	120.5	120.5	83.7	83.7
80	55.0	185.6	185.6	46.1	46.1	124.1	207.1	12.6	119.6	58.6	176.1	38.7	190.0	27.5	110.6	109.1	216.1	49.1	49.1	182.6	182.6
	0.0	96.7	96.7	107.5	107.5	104.1	94.1	111.6	98.6	112.1	97.8	108.4	90.0	115.9	105.8	99.8	86.8	113.2	113.2	90.9	90.9
90	50.0	193.5	193.5	35.7	35.7	121.6	220.1	0.0	116.6	49.7	182.7	27.3	198.6	14.6	108.6	107.0	228.1	38.9	38.9	190.2	190.2
	0.0	103.9	103.9	100.2	100.2	104.8	103.6	100.7	99.1	105.8	104.1	100.3	98.1	106.3	105.1	99.3	97.7	106.0	106.0	98.2	98.2
100	46.0	201.5	201.5	25.6	25.6	107.1	245.5	0.0	101.7	41.1	189.5	16.3	207.4	1.8	106.8	105.3	240.4	29.0	29.0	198.1	198.1
	0.0	111.2	111.2	93.0	93.0	105.6	113.1	89.9	99.7	99.6	110.3	92.3	106.1	96.7	104.3	98.7	108.5	98.7	98.7	105.4	105.4
110	37.8	199.2	199.2	23.8	23.8	103.6	244.7	0.0	97.8	39.6	187.3	14.5	204.7	0.5	105.0	103.0	237.5	27.6	27.6	195.4	195.4
	0.0	118.4	118.4	85.7	85.7	106.3	122.7	79.1	100.2	93.3	116.5	84.2	114.1	87.2	103.6	98.1	119.3	91.5	91.5	112.7	112.7

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450

Outrigger Load Chart

Ref.-Nr. 3 083 671

Main boom: 179.2 ft with 59.1 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 176 300 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
120	30.8	196.9	196.9	22.6	22.6	101.2	242.8	0.0	95.0	38.7	185.0	13.4	201.8	0.0	103.5	101.1	234.4	26.8	26.8	192.6	192.6
	0.0	125.6	125.6	78.5	78.5	107.0	132.2	68.3	100.7	87.1	122.7	76.2	122.1	77.7	102.9	97.6	130.0	84.2	84.2	119.9	119.9
130	25.0	195.0	195.0	21.5	21.5	99.0	241.6	0.0	92.6	37.8	183.2	12.4	199.6	0.0	101.6	99.0	232.6	26.1	26.1	190.5	190.5
	0.0	132.8	132.8	71.2	71.2	107.7	141.7	57.5	101.3	80.9	128.9	68.2	130.1	68.2	102.2	97.0	140.8	77.0	77.0	127.1	127.1
140	20.0	193.3	193.3	20.8	20.8	97.3	240.1	0.0	90.7	37.2	181.6	11.7	197.6	0.0	100.2	97.3	230.6	25.5	25.5	188.5	188.5
	0.0	140.0	140.0	64.0	64.0	108.4	151.1	46.7	101.8	74.7	135.1	60.2	138.1	58.7	101.4	96.4	151.5	69.8	69.8	134.3	134.3
150	15.8	192.0	192.0	19.9	19.9	95.6	239.5	0.0	88.7	36.5	180.3	10.9	196.1	0.0	98.7	95.6	229.5	24.9	24.9	187.0	187.0
	0.0	147.2	147.2	56.8	56.8	109.1	160.6	36.0	102.4	68.5	141.3	52.2	146.0	49.2	100.7	95.9	162.2	62.6	62.6	141.4	141.4
160	12.2	191.1	191.1	19.0	19.0	93.9	239.4	0.0	86.9	35.8	179.4	10.0	194.9	0.0	97.2	93.9	229.0	24.2	24.2	185.9	185.9
	0.0	154.4	154.4	49.6	49.6	109.8	170.0	25.3	102.9	62.3	147.5	44.2	153.9	39.7	100.0	95.3	172.9	55.4	55.4	148.6	148.6
170	8.8	189.5	189.5	18.8	18.8	93.3	237.3	0.0	86.1	35.7	178.0	9.9	193.1	0.0	96.7	93.3	226.7	24.2	24.2	184.2	184.2
	0.0	161.5	161.5	42.4	42.4	110.4	179.4	14.6	103.4	56.1	153.6	36.3	161.8	30.3	99.3	94.7	183.5	48.2	48.2	155.7	155.7
180	6.0	188.7	188.7	18.2	18.2	92.0	237.1	0.0	84.7	35.2	177.2	9.2	192.2	0.0	95.6	92.0	226.2	23.6	23.6	183.2	183.2
	0.0	168.6	168.6	35.3	35.3	111.1	188.7	4.0	103.9	50.0	159.7	28.4	169.7	21.0	98.5	94.2	194.1	41.1	41.1	162.8	162.8
190	3.4	187.6	187.6	17.9	17.9	91.3	235.9	0.0	83.9	35.0	176.2	9.0	190.9	0.0	95.1	91.3	224.7	23.5	23.5	182.0	182.0
	0.0	175.6	175.6	28.2	28.2	105.2	204.5	0.0	97.9	43.9	165.8	20.5	177.5	11.6	97.8	93.6	204.6	34.0	34.0	169.9	169.9

* Loads and Outrigger loads are shown in 1000 lbs

Outrigger base 28.7 x 29.2 ft

176 300 lbs (80 t) counterweight

Length of boom extension 78.7 ft

Offset of boom extension 3 °

Reference chart 85% (lbs / ft)

3 083 672

Length of boom extension 78.7 ft

Offset of boom extension 3 °

outrigger base 28.7 x 29.2 ft

176 300 lbs (80 t) counterweight

	Main boom - fixed length in ft		
	147.6	163.4	179.2
Tel. sec. I	0.88	0.88	0.88
Tel. sec. II	0.88	0.88	0.88
Tel. sec. III	0.88	0.88	0.88
Tel. sec. IV	0.00	0.44	0.88
Radius in feet	Lifting capacities in 1000 lbs		
45.0	69.0		
50.0	66.0	66.0	
55.0	63.0	63.0	62.0
60.0	60.0	61.0	59.0
65.0	57.0	58.0	56.0
70.0	54.0	55.0	52.0
75.0	51.0	52.0	50.0
80.0	49.0	49.0	48.0
85.0	47.0	47.0	45.0
90.0	45.0	45.0	43.2
95.0	42.4	43.2	41.4
100.0	40.8	41.4	39.8
105.0	39.2	39.4	38.2
110.0	37.8	38.0	36.6
115.0	35.0	35.6	35.0
120.0	31.6	32.2	32.8
125.0	28.6	29.2	29.6
130.0	25.8	26.4	26.8
135.0	23.2	23.8	24.4
140.0	20.8	21.4	22.0
145.0	18.6	19.2	19.8
150.0	16.6	17.2	17.8
155.0	14.8	15.4	15.8
160.0	13.0	13.6	14.2
165.0	11.2	12.0	12.4
170.0	9.6	10.4	10.8

Reference chart 85% (lbs / ft)

3 083 672

Length of boom extension 78.7 ft

Offset of boom extension 3 °

outrigger base 28.7 x 29.2 ft

176 300 lbs (80 t) counterweight

	Main boom - fixed length in ft		
	147.6	163.4	179.2
Tel. sec. I	0.88	0.88	0.88
Tel. sec. II	0.88	0.88	0.88
Tel. sec. III	0.88	0.88	0.88
Tel. sec. IV	0.00	0.44	0.88
Radius in feet	Lifting capacities in 1000 lbs		
175.0	8.2	8.8	9.4
180.0	6.6	7.4	7.8
185.0	5.4	6.0	6.4
190.0	4.0	4.6	5.2
195.0	2.8	3.4	4.0
200.0			2.8

Main boom: 147.6 ft with 78.7 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.00

Counterweight: 176 300 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<----- L O A D P O S I T I O N S ----->

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
45	69.0	139.9	139.9	99.1	99.1	122.5	146.0	89.6	119.8	104.0	137.2	97.0	139.7	95.3	118.7	116.9	147.1	101.4	101.4	137.6	137.6
	0.0	70.3	70.3	134.1	134.1	101.7	59.4	151.2	96.7	135.0	75.2	137.9	60.9	150.8	108.5	102.0	47.6	139.9	139.9	64.6	64.6
50	66.0	146.2	146.2	91.3	91.3	122.5	154.5	78.4	119.5	97.4	142.5	88.5	146.6	85.4	117.4	115.5	156.6	93.7	93.7	143.8	143.8
	0.0	73.9	73.9	130.6	130.6	102.0	64.1	145.9	97.0	131.9	78.3	133.9	64.8	146.1	108.2	101.8	52.9	136.3	136.3	68.2	68.2
55	63.0	151.9	151.9	84.0	84.0	122.5	162.3	68.0	119.2	91.1	147.4	80.5	152.9	76.3	116.0	114.2	165.4	86.6	86.6	149.4	149.4
	0.0	77.5	77.5	127.0	127.0	102.4	68.8	140.5	97.3	128.8	81.3	130.0	68.8	141.4	107.8	101.5	58.2	132.7	132.7	71.8	71.8
60	60.0	157.2	157.2	77.3	77.3	122.4	169.4	58.3	118.8	85.4	151.8	73.1	158.7	67.8	114.8	112.9	173.4	80.0	80.0	154.5	154.5
	0.0	81.1	81.1	123.4	123.4	102.7	73.5	135.2	97.5	125.8	84.4	126.0	72.8	136.7	107.5	101.2	63.6	129.1	129.1	75.3	75.3
65	57.0	161.9	161.9	71.0	71.0	122.3	175.8	49.4	118.4	80.0	155.8	66.3	163.8	60.0	113.6	111.7	180.7	73.9	73.9	159.1	159.1
	0.0	84.6	84.6	119.8	119.8	103.1	78.2	129.8	97.8	122.7	87.5	122.0	76.7	132.0	107.1	100.9	68.9	125.5	125.5	78.9	78.9
70	54.0	166.1	166.1	65.3	65.3	122.1	181.6	41.3	118.0	75.2	159.3	60.0	168.4	52.9	112.4	110.5	187.1	68.3	68.3	163.1	163.1
	0.0	88.2	88.2	116.2	116.2	103.4	82.9	124.5	98.1	119.6	90.6	118.1	80.7	127.3	106.8	100.7	74.2	122.0	122.0	82.5	82.5
80	49.0	174.6	174.6	54.4	54.4	121.9	193.0	25.7	117.3	65.8	166.4	48.0	177.6	39.2	110.3	108.4	200.0	57.6	57.6	171.3	171.3
	0.0	95.4	95.4	109.1	109.1	104.1	92.3	113.8	98.6	113.4	96.7	110.1	88.6	117.9	106.0	100.1	84.9	114.8	114.8	89.6	89.6
90	45.0	183.1	183.1	43.8	43.8	121.9	204.5	10.5	116.9	56.8	173.6	36.5	187.0	25.9	108.5	106.5	213.0	47.3	47.3	179.6	179.6
	0.0	102.5	102.5	101.9	101.9	104.8	101.7	103.2	99.2	107.3	102.9	102.2	96.5	108.4	105.3	99.5	95.5	107.6	107.6	96.8	96.8
100	40.8	189.8	189.8	35.0	35.0	119.6	215.8	0.0	114.3	49.2	179.3	26.8	194.3	14.8	106.8	104.8	223.2	38.7	38.7	186.2	186.2
	0.0	109.7	109.7	94.7	94.7	105.5	111.1	92.5	99.7	101.1	109.0	94.2	104.4	99.0	104.6	99.0	106.2	100.5	100.5	103.9	103.9

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450

Outrigger Load Chart

Ref.-Nr. 3 083 672

Main boom: 147.6 ft with 78.7 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.00

Counterweight: 176 300 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
110	37.8	197.7	197.7	25.6	25.6	106.2	239.8	0.0	100.5	41.2	185.9	16.6	202.9	2.9	105.3	103.3	235.1	29.5	29.5	193.8	193.8
	0.0	116.8	116.8	87.6	87.6	106.2	120.5	81.8	100.2	94.9	115.2	86.3	112.4	89.6	103.9	98.4	116.9	93.3	93.3	111.1	111.1
120	31.6	197.0	197.0	23.1	23.1	102.0	242.3	0.0	96.0	39.1	185.2	14.0	202.1	0.5	103.8	101.5	234.5	27.3	27.3	192.9	192.9
	0.0	124.0	124.0	80.4	80.4	106.9	129.9	71.1	100.8	88.8	121.3	78.4	120.3	80.2	103.2	97.9	127.5	86.2	86.2	118.2	118.2
130	25.8	195.3	195.3	22.0	22.0	99.8	241.3	0.0	93.5	38.2	183.5	12.9	199.9	0.0	102.3	99.8	232.4	26.4	26.4	190.8	190.8
	0.0	131.1	131.1	73.3	73.3	107.6	139.3	60.5	101.3	82.6	127.5	70.4	128.2	70.8	102.5	97.3	138.2	79.0	79.0	125.4	125.4
140	20.8	193.6	193.6	21.2	21.2	98.0	240.0	0.0	91.5	37.6	181.9	12.1	197.9	0.0	100.8	98.0	230.6	25.9	25.9	188.9	188.9
	0.0	138.2	138.2	66.1	66.1	108.3	148.7	49.8	101.8	76.5	133.6	62.5	136.1	61.4	101.8	96.8	148.8	71.8	71.8	132.5	132.5
150	16.6	192.4	192.4	20.2	20.2	96.2	239.6	0.0	89.4	36.8	180.7	11.2	196.5	0.0	99.2	96.2	229.8	25.1	25.1	187.5	187.5
	0.0	145.4	145.4	59.0	59.0	109.0	158.1	39.2	102.4	70.3	139.7	54.6	144.0	52.0	101.0	96.2	159.4	64.7	64.7	139.6	139.6
160	13.0	191.6	191.6	19.2	19.2	94.4	239.8	0.0	87.4	36.0	179.9	10.2	195.5	0.0	97.6	94.4	229.6	24.3	24.3	186.5	186.5
	0.0	152.5	152.5	51.8	51.8	109.7	167.4	28.5	102.9	64.2	145.8	46.7	151.9	42.6	100.3	95.6	170.0	57.6	57.6	146.7	146.7
170	9.6	190.1	190.1	18.9	18.9	93.6	238.0	0.0	86.5	35.8	178.5	10.0	193.8	0.0	97.0	93.6	227.5	24.2	24.2	184.9	184.9
	0.0	159.6	159.6	44.7	44.7	110.4	176.8	17.9	103.4	58.0	151.9	38.8	159.7	33.2	99.6	95.1	180.6	50.4	50.4	153.8	153.8
180	6.6	188.8	188.8	18.7	18.7	92.9	236.4	0.0	85.7	35.6	177.3	9.8	192.3	0.0	96.5	92.9	225.6	24.1	24.1	183.4	183.4
	0.0	166.6	166.6	37.6	37.6	111.1	186.1	7.3	103.9	51.9	158.0	30.9	167.6	23.9	98.9	94.5	191.1	43.3	43.3	160.9	160.9
190	4.0	187.8	187.8	18.3	18.3	92.1	235.6	0.0	84.7	35.3	176.4	9.5	191.1	0.0	95.8	92.1	224.5	23.9	23.9	182.3	182.3
	0.0	173.7	173.7	30.5	30.5	108.5	198.7	0.0	101.2	45.8	164.1	23.0	175.4	14.5	98.2	94.0	201.7	36.2	36.2	168.0	168.0

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 163.4 ft with 78.7 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 176 300 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<----- L O A D P O S I T I O N S ----->

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
50	66.0	145.7	145.7	91.9	91.9	122.5	153.9	79.3	119.6	97.9	142.1	89.1	146.1	86.2	117.5	115.7	156.0	94.3	94.3	143.3	143.3
	0.0	73.5	73.5	131.2	131.2	102.0	63.5	146.7	97.0	132.4	77.9	134.6	64.4	146.9	108.3	101.9	52.2	136.9	136.9	67.8	67.8
55	63.0	151.5	151.5	84.7	84.7	122.5	161.6	68.9	119.2	91.7	147.0	81.2	152.4	77.1	116.2	114.3	164.7	87.2	87.2	148.9	148.9
	0.0	77.0	77.0	127.6	127.6	102.4	68.1	141.4	97.3	129.4	80.9	130.7	68.3	142.2	107.9	101.6	57.5	133.3	133.3	71.3	71.3
60	61.0	157.9	157.9	77.2	77.2	122.7	170.2	58.0	119.2	85.3	152.5	73.0	159.5	67.5	115.0	113.3	174.4	79.8	79.8	155.3	155.3
	0.0	80.5	80.5	124.1	124.1	102.7	72.8	136.2	97.6	126.4	84.0	126.8	72.2	137.6	107.6	101.3	62.7	129.8	129.8	74.8	74.8
65	58.0	162.7	162.7	70.9	70.9	122.6	176.7	49.1	118.8	79.9	156.5	66.1	164.7	59.7	113.8	112.0	181.7	73.7	73.7	159.9	159.9
	0.0	84.1	84.1	120.6	120.6	103.1	77.4	130.9	97.8	123.3	87.0	122.8	76.1	132.9	107.2	101.1	68.0	126.3	126.3	78.4	78.4
70	55.0	166.9	166.9	65.2	65.2	122.4	182.5	40.9	118.4	75.0	160.0	59.8	169.3	52.5	112.7	110.8	188.2	68.1	68.1	164.0	164.0
	0.0	87.6	87.6	117.0	117.0	103.4	82.0	125.6	98.1	120.3	90.0	118.9	80.0	128.3	106.9	100.8	73.3	122.7	122.7	81.9	81.9
80	49.0	173.9	173.9	55.2	55.2	121.9	192.1	26.9	117.3	66.5	165.8	49.0	176.8	40.3	110.5	108.5	198.9	58.5	58.5	170.6	170.6
	0.0	94.6	94.6	110.0	110.0	104.1	91.3	115.1	98.6	114.2	96.1	111.1	87.8	119.0	106.2	100.3	83.8	115.7	115.7	88.9	88.9
90	45.0	182.3	182.3	44.8	44.8	121.9	203.4	11.9	116.9	57.6	172.9	37.6	186.1	27.1	108.7	106.7	211.7	48.3	48.3	178.8	178.8
	0.0	101.7	101.7	102.9	102.9	104.8	100.6	104.6	99.2	108.1	102.2	103.3	95.6	109.7	105.5	99.7	94.3	108.6	108.6	96.0	96.0
100	41.4	190.1	190.1	35.2	35.2	120.0	215.8	0.0	114.7	49.4	179.5	27.0	194.6	15.0	107.0	105.0	223.6	38.8	38.8	186.5	186.5
	0.0	108.7	108.7	95.8	95.8	105.5	109.9	94.1	99.7	102.0	108.2	95.4	103.4	100.4	104.8	99.2	104.8	101.5	101.5	103.0	103.0
110	38.0	197.1	197.1	26.5	26.5	107.5	237.8	0.0	101.9	41.9	185.4	17.5	202.3	4.0	105.5	103.5	234.2	30.3	30.3	193.3	193.3
	0.0	115.8	115.8	88.8	88.8	106.2	119.2	83.5	100.2	96.0	114.3	87.6	111.2	91.1	104.1	98.6	115.3	94.5	94.5	110.1	110.1

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450

Outrigger Load Chart

Ref.-Nr. 3 083 672

Main boom: 163.4 ft with 78.7 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.44

Counterweight: 176 300 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
120	32.2	197.3	197.3	23.4	23.4	102.4	242.4	0.0	96.5	39.3	185.4	14.2	202.4	0.7	104.0	101.8	234.9	27.4	27.4	193.2	193.2
	0.0	122.8	122.8	81.7	81.7	106.9	128.4	73.0	100.8	89.9	120.4	79.8	119.0	81.8	103.4	98.1	125.8	87.4	87.4	117.1	117.1
130	26.4	195.5	195.5	22.2	22.2	100.2	241.4	0.0	93.9	38.4	183.7	13.1	200.2	0.0	102.7	100.2	232.6	26.6	26.6	191.1	191.1
	0.0	129.9	129.9	74.7	74.7	107.6	137.7	62.5	101.3	83.8	126.4	72.0	126.8	72.6	102.7	97.5	136.3	80.4	80.4	124.2	124.2
140	21.4	193.8	193.8	21.4	21.4	98.4	240.1	0.0	91.9	37.7	182.1	12.3	198.3	0.0	101.2	98.4	230.8	26.0	26.0	189.2	189.2
	0.0	136.9	136.9	67.6	67.6	108.3	146.9	52.0	101.8	77.8	132.5	64.2	134.6	63.3	102.0	97.0	146.8	73.3	73.3	131.2	131.2
150	17.2	192.7	192.7	20.4	20.4	96.6	239.7	0.0	89.9	37.0	181.0	11.4	196.9	0.0	99.6	96.6	230.0	25.3	25.3	187.8	187.8
	0.0	143.9	143.9	60.6	60.6	108.9	156.2	41.5	102.4	71.7	138.5	56.4	142.4	54.1	101.3	96.4	157.2	66.3	66.3	138.2	138.2
160	13.6	191.8	191.8	19.4	19.4	94.8	239.9	0.0	87.9	36.1	180.2	10.4	195.8	0.0	98.0	94.8	229.8	24.5	24.5	186.8	186.8
	0.0	150.9	150.9	53.5	53.5	109.6	165.4	31.1	102.9	65.7	144.5	48.6	150.1	44.8	100.6	95.9	167.7	59.3	59.3	145.2	145.2
170	10.4	191.0	191.0	18.6	18.6	93.3	239.8	0.0	86.2	35.5	179.3	9.6	194.8	0.0	96.6	93.3	229.3	23.8	23.8	185.8	185.8
	0.0	157.9	157.9	46.5	46.5	110.3	174.6	20.6	103.4	59.6	150.5	40.8	157.9	35.6	99.9	95.3	178.1	52.3	52.3	152.2	152.2
180	7.4	189.7	189.7	18.4	18.4	92.6	238.2	0.0	85.4	35.3	178.1	9.4	193.3	0.0	96.1	92.6	227.5	23.7	23.7	184.4	184.4
	0.0	164.9	164.9	39.5	39.5	111.0	183.8	10.2	103.9	53.6	156.5	33.1	165.6	26.4	99.2	94.8	188.5	45.3	45.3	159.2	159.2
190	4.6	188.1	188.1	18.6	18.6	92.5	235.6	0.0	85.2	35.5	176.6	9.7	191.4	0.0	96.2	92.5	224.6	24.1	24.1	182.6	182.6
	0.0	171.8	171.8	32.5	32.5	111.4	193.1	0.0	104.2	47.6	162.5	25.3	173.3	17.2	98.5	94.2	198.9	38.3	38.3	166.1	166.1

* Loads and Outrigger loads are shown in 1000 lbs

Main boom: 179.2 ft with 78.7 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 176 300 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
55	62.0	149.9	149.9	85.9	85.9	122.2	159.6	70.8	119.0	92.8	145.6	82.6	150.6	78.8	116.2	114.3	162.4	88.5	88.5	147.3	147.3
	0.0	76.6	76.6	128.2	128.2	102.4	67.6	142.2	97.4	129.9	80.6	131.3	67.8	142.9	108.1	101.7	56.9	133.9	133.9	70.9	70.9
60	59.0	155.0	155.0	79.3	79.3	122.1	166.5	61.4	118.6	87.1	149.9	75.4	156.2	70.6	114.9	113.0	170.1	82.1	82.1	152.2	152.2
	0.0	80.1	80.1	124.7	124.7	102.8	72.2	137.0	97.6	126.9	83.6	127.4	71.7	138.3	107.7	101.5	62.1	130.4	130.4	74.4	74.4
65	56.0	159.5	159.5	73.3	73.3	121.9	172.7	52.8	118.1	82.0	153.7	68.8	161.1	63.0	113.7	111.8	177.1	76.2	76.2	156.6	156.6
	0.0	83.6	83.6	121.2	121.2	103.1	76.8	131.8	97.9	123.9	86.6	123.5	75.6	133.7	107.4	101.2	67.3	126.9	126.9	77.9	77.9
70	52.0	162.1	162.1	68.7	68.7	121.4	176.3	46.5	117.3	78.1	155.8	63.8	163.9	57.5	112.5	110.4	181.2	71.8	71.8	159.0	159.0
	0.0	87.1	87.1	117.7	117.7	103.4	81.3	126.6	98.2	120.9	89.6	119.7	79.4	129.1	107.0	100.9	72.5	123.4	123.4	81.4	81.4
80	48.0	171.6	171.6	57.1	57.1	121.5	189.2	29.8	117.0	68.2	163.9	51.1	174.4	42.8	110.5	108.5	195.7	60.4	60.4	168.4	168.4
	0.0	94.0	94.0	110.7	110.7	104.1	90.5	116.2	98.7	114.9	95.6	111.9	87.1	119.9	106.3	100.4	82.9	116.4	116.4	88.4	88.4
90	43.2	178.4	178.4	48.0	48.0	121.2	198.4	16.9	116.3	60.4	169.5	41.1	181.7	31.5	108.7	106.6	206.0	51.5	51.5	174.9	174.9
	0.0	101.0	101.0	103.7	103.7	104.8	99.7	105.8	99.2	108.8	101.6	104.2	94.9	110.8	105.6	99.9	93.3	109.4	109.4	95.3	95.3
100	39.8	186.2	186.2	38.5	38.5	121.3	208.9	3.1	116.0	52.2	176.1	30.7	190.3	19.4	107.1	105.0	217.8	42.2	42.2	182.5	182.5
	0.0	108.0	108.0	96.8	96.8	105.5	108.9	95.4	99.7	102.8	107.6	96.5	102.6	101.6	104.9	99.3	103.6	102.5	102.5	102.3	102.3
110	36.6	193.2	193.2	29.8	29.8	112.0	227.7	0.0	106.4	44.8	182.1	21.2	198.0	8.5	105.6	103.5	228.5	33.7	33.7	189.4	189.4
	0.0	114.9	114.9	89.8	89.8	106.2	118.0	85.0	100.3	96.8	113.6	88.7	110.3	92.4	104.3	98.8	114.0	95.5	95.5	109.3	109.3
120	32.8	197.8	197.8	23.4	23.4	102.6	243.1	0.0	96.6	39.3	185.9	14.2	202.9	0.5	104.2	102.0	235.5	27.4	27.4	193.7	193.7
	0.0	121.9	121.9	82.8	82.8	106.9	127.2	74.6	100.8	90.8	119.6	81.0	118.0	83.2	103.6	98.2	124.4	88.5	88.5	116.2	116.2

* Loads and Outrigger loads are shown in 1000 lbs

GMK 7450
Outrigger Load Chart
Ref.-Nr. 3 083 672
Main boom: 179.2 ft with 78.7 ft Boom extension, 3 ° offset

Telescoping ratio: Tel. sec. I = 0.88 Tel. sec. II = 0.88 Tel. sec. III = 0.88 Tel. sec. IV = 0.88

Counterweight: 176 300 lbs

Outrigger base: 28.7 x 29.2 ft

Slewing range: 360°

<<----- L O A D P O S I T I O N S ----->>

Rad.	Load	over front				45° over front				90° over side				45° over rear				over rear			
(ft)	(*)	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR	FL	FR	RL	RR
130	26.8	195.5	195.5	22.6	22.6	100.8	240.8	0.0	94.6	38.7	183.7	13.5	200.2	0.4	102.9	100.4	232.5	27.0	27.0	191.1	191.1
	0.0	128.9	128.9	75.8	75.8	107.5	136.3	64.2	101.3	84.8	125.6	73.3	125.7	74.1	102.9	97.7	134.8	81.5	81.5	123.2	123.2
140	22.0	194.3	194.3	21.4	21.4	98.5	240.8	0.0	92.0	37.7	182.6	12.3	198.8	0.0	101.2	98.5	231.7	25.9	25.9	189.7	189.7
	0.0	135.8	135.8	68.9	68.9	108.2	145.5	53.9	101.8	78.9	131.5	65.6	133.4	64.9	102.2	97.2	145.1	74.6	74.6	130.1	130.1
150	17.8	193.2	193.2	20.4	20.4	96.6	240.5	0.0	90.0	36.9	181.5	11.3	197.5	0.0	99.6	96.6	230.9	25.2	25.2	188.4	188.4
	0.0	142.7	142.7	61.9	61.9	108.9	154.6	43.5	102.3	72.9	137.5	57.9	141.1	55.8	101.5	96.6	155.4	67.6	67.6	137.0	137.0
160	14.2	192.4	192.4	19.4	19.4	94.8	240.7	0.0	87.9	36.1	180.6	10.3	196.5	0.0	97.9	94.8	230.7	24.4	24.4	187.4	187.4
	0.0	149.6	149.6	55.0	55.0	109.6	163.7	33.2	102.9	66.9	143.4	50.2	148.7	46.7	100.8	96.1	165.8	60.7	60.7	143.9	143.9
170	10.8	190.9	190.9	19.1	19.1	94.0	239.0	0.0	87.0	35.9	179.3	10.1	194.8	0.0	97.3	94.0	228.7	24.3	24.3	185.8	185.8
	0.0	156.6	156.6	48.1	48.1	110.2	172.8	22.8	103.4	60.9	149.4	42.5	156.4	37.6	100.1	95.5	176.1	53.8	53.8	150.8	150.8
180	7.8	189.6	189.6	18.9	18.9	93.3	237.4	0.0	86.2	35.7	178.1	9.9	193.2	0.0	96.8	93.3	226.8	24.2	24.2	184.3	184.3
	0.0	163.4	163.4	41.1	41.1	110.9	181.8	12.5	103.9	55.0	155.3	34.8	164.0	28.5	99.4	95.0	186.3	46.9	46.9	157.7	157.7
190	5.2	188.7	188.7	18.5	18.5	92.5	236.6	0.0	85.2	35.4	177.2	9.6	192.1	0.0	96.1	92.5	225.7	23.9	23.9	183.2	183.2
	0.0	170.3	170.3	34.2	34.2	111.6	190.9	2.3	104.4	49.1	161.2	27.2	171.6	19.4	98.7	94.4	196.6	40.0	40.0	164.6	164.6
200	2.8	187.5	187.5	18.4	18.4	92.1	235.1	0.0	84.7	35.4	176.1	9.6	190.8	0.0	95.8	92.1	223.9	24.0	24.0	182.0	182.0
	0.0	177.2	177.2	27.4	27.4	104.2	207.9	0.0	96.9	43.1	167.1	19.6	179.2	10.3	98.0	93.9	206.8	33.1	33.1	171.4	171.4

* Loads and Outrigger loads are shown in 1000 lbs

