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LIFT PLANNING DATA + RATED CAPACITY CHARTS

GMK4080-1

80 tonne all terrain crane

For developers, engineers, builders and lift planners

80 t
Maximum rated capacity
2.5 m radius, over rear

51.0 m
Main boom length
11.0 m fully retracted

21.0 m
Longest jib
lattice extension

19.3 t
Maximum counterweight
9.3 t standard

This document sets out the lifting capacities and planning data for our GMK4080-1 so you can check early whether a lift is workable: what it will pick up, at what radius, with which boom, jib and counterweight, and what has to be allowed for. The capacity figures are transcribed from the manufacturer's product guide for this model. Operator instructions are left out.

Planning reference only

Use this document to plan and price a lift, not to operate the crane. The manufacturer states that its product guide is general information only, and that the lifting capacity tables belonging to the crane and its operating instructions are what govern operation. Final lift planning is confirmed by Whitsunday Crane Hire against site conditions on the day.

CICA The Crane Industry Council of Australia

CraneSafe®

Talk to us about your lift

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WCH-GMK4080-LPD Rev A October 2026. Capacity data source: Manufacturer's Product Guide, Model GMK4080-1.
Lifting capacities correspond to EN 13000:2004, as stated by the manufacturer.

Crane at a glance

Headline figures for a first-pass check. Full charts follow.

Specification

Item	Value
Crane type	All terrain crane, model GMK4080-1. 4 axles, drive and steer 8 x 6 x 8
Maximum rated capacity	80.0 t at 2.5 m radius on the 11.0 m boom, over the rear, with 19.3 t or 16.8 t counterweight on 7.0 m outriggers
Main boom	11.0 m to 51.0 m, six section TWIN-LOCK boom. Maximum tip height 54.0 m
Boom angle	-3° to +82°
Jib (optional)	Bi-fold swingaway, 8.7 m or 15.0 m: hydraulic offset 0° to 40° with luffing under load, or manual offset 0°, 20° or 40°. Lattice extension 21.0 m (6.0 m fixed section plus the 8.7 / 15.0 m swingaway)
Counterweight	9.3 t standard, with hydraulic removal system. Optional additional 10 t for a total of 19.3 t. Combinations are on page 3
Outriggers	4 double telescoping beams. The capacity charts are for a 7.0 m outrigger spread
Slewing	360°, 0 to 1.8 rpm
Hoist	16 mm rope, 220 m. Maximum single line pull 50.0 kN, line speed 0 to 125 m/min. Auxiliary hoist optional
Axle loads	12 t on each of the 4 axles, 48 t total, with 9.3 t counterweight, 16.00 R25 tyres, 8.7 / 15 m bi-fold swingaway and 40 t hook block
Tyres	8 tyres, 385/95 R25 (14.00 R25). Options: 445/95 R25 (16.00 R25), vehicle width 2.75 m; 525/80 R25 (20.5 R25), vehicle width 3.88 m
Travel dimensions	12,530 mm long, 2,540 mm wide, 3,845 mm high. Full dimensions on page 4
Standards	Lifting capacities correspond to EN 13000:2004

Lifting configurations

Lifting configuration	Boom (m)	Counterweight	Outriggers, slew	Max capacity (t)	Page
Main boom on outriggers	11.0 to 51.0	19.3 t	7.0 m, 360°	**80.0**	6 to 7
Main boom on outriggers	11.0 to 51.0	16.8 t	7.0 m, 360°	**80.0**	6 to 7
Main boom on outriggers	11.0 to 51.0	11.8 t	7.0 m, 360°	**68.0**	6 to 7
Main boom on outriggers	11.0 to 51.0	9.3 t	7.0 m, 360°	**68.0**	6 to 7
Main boom on tyres	11.0 to 18.6	19.3 t	On tyres, 0°	**16.2**	8
Main boom on tyres	11.0 to 18.6	16.8 t	On tyres, 0°	**16.4**	8
Main boom on tyres	11.0 to 18.6	11.3 t	On tyres, 0°	**16.7**	8
Main boom on tyres	11.0 to 18.6	9.3 t	On tyres, 0°	**16.8**	8
Swingaway 8.7 / 15.0 m	47.2 and 51.0	19.3 t	7.0 m, 360°	**4.6 / 2.7**	10 to 13
Swingaway 8.7 / 15.0 m	47.2 and 51.0	16.8 t	7.0 m, 360°	**4.6 / 2.7**	10 to 13
Swingaway 8.7 / 15.0 m	47.2 and 51.0	11.8 t	7.0 m, 360°	**4.6 / 2.7**	10 to 13
Swingaway 8.7 / 15.0 m	47.2 and 51.0	9.3 t	7.0 m, 360°	**4.6 / 2.7**	10 to 13
Lattice extension 21.0 m	47.2 and 51.0	19.3 t	7.0 m, 360°	**2.2**	14 to 15
Lattice extension 21.0 m	47.2 and 51.0	16.8 t	7.0 m, 360°	**2.2**	14 to 15
Lattice extension 21.0 m	47.2 and 51.0	11.8 t	7.0 m, 360°	**2.2**	14 to 15
Lattice extension 21.0 m	47.2 and 51.0	9.3 t	7.0 m, 360°	**2.2**	14 to 15

Max capacity is the highest figure in that chart, gross, in tonnes (swingaway: 8.7 m / 15.0 m jib). Hook blocks, jib, extra counterweight and the auxiliary hoist are equipment options: confirm with us what is fitted for your job.

How to use the charts

What the rated capacities include, and what you need to allow for.

Basis of the ratings

- Lifting capacities correspond to EN 13000:2004. They also meet ISO 4305 and DIN 15019 Part 2 for stability, and DIN 15018 Part 3 and FEM 5004 for strength.
- Capacities are given in tonnes.
- Lifting capacity is the payload plus the weight of the hook block and suspending device. Deduct the hook block and rigging to get the payload you can lift.
- The main boom capacities apply only with the jib dismantled.
- Capacities over 59 t require additional equipment, over 68 t heavy duty equipment, and over 75 t special equipment.
- The 80.0 t figure at 2.5 m radius is marked * in the charts: over the rear.
- In the jib charts the columns marked * are for luffing the jib under load.
- The manufacturer reserves the right to modify the load carrying capacities.

General information only

The manufacturer states that the details in its product guide serve only as general information. The values that govern operation are the lifting capacity tables belonging to the crane and its operating instructions.

Hook blocks

Hook block	Sheaves	Weight	Parts of line	Possible load*
80 t	7	800 kg	2 to 12 / 15 (a)	58 t / 74 t (a)
63 t	5	650 kg	2 to 11	54 t
40 t	3	450 kg	2 to 7	35 t
16 t	1	300 kg	1 to 3	15 t
8 t	H/B	200 kg	1	5 t

(a) Requires an additional boom nose sheave. * Possible load with the crane varies depending on national regulations.

Hook block height

Hook block (t)	H (mm)
80D	3200
63D	3000
40D	2900
16E	2800
8 H/B	2350

H is the hook block dimension shown in the manufacturer's working range diagram (page 5).

Hoist and boom

Item	Value
Main and auxiliary hoist	0 to 125 m/min, single line
Rope	16 mm, 220 m
Max single line pull	50.0 kN
Slewing	0 to 1.8 rpm
Boom elevation	-3° to +82° in under 45 s
Boom telescoping	11.0 to 51.0 m in under 335 s

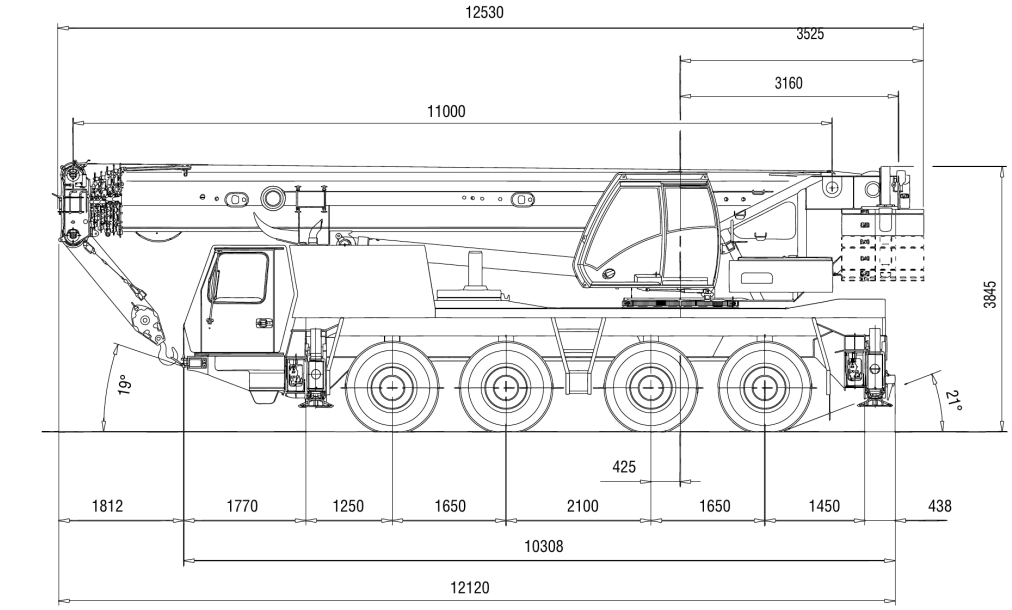
Counterweight combinations

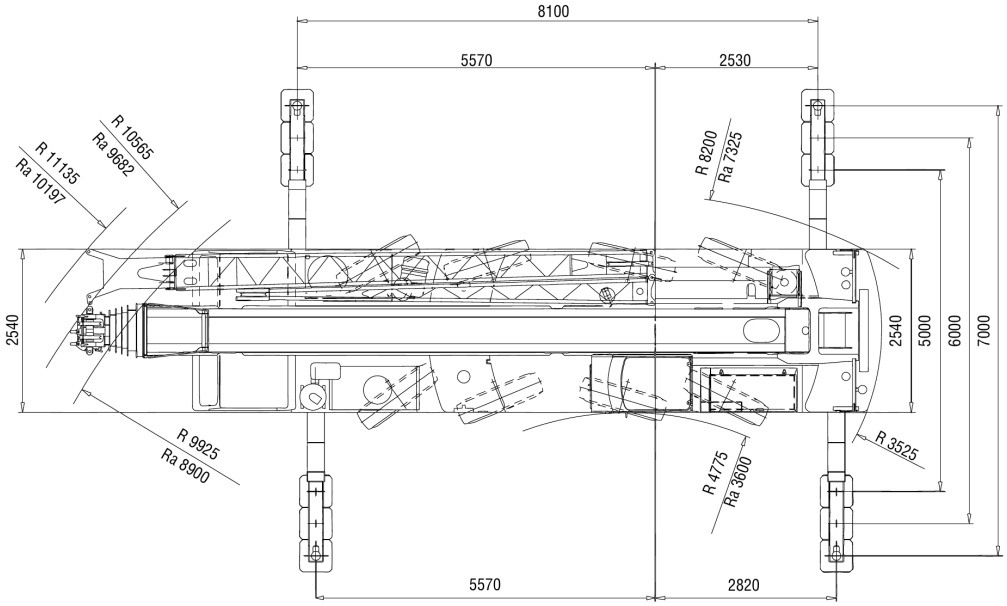
Total	1: 0.5 t	2: 1.3 t	3: 2.5 t	4: 5.0 t	5: 2.5 t	6: 2.5 t
1.8 t	x	x	-	-	-	-
4.3 t	x	x	x	-	-	-
6.8 t	x	x	x	-	x	-
9.3 t	x	x	x	x	-	-
11.8 t	x	x	x	x	x	-
14.3 t	x	x	x	2 x	-	-
16.8 t	x	x	x	2 x	x	-
19.3 t	x	x	x	2 x	x	x

Counterweight slabs 1 to 6 and the slabs used for each total, from the manufacturer's counterweight table. The counterweight base is drawn 2,530 mm wide and 1,190 mm deep, with radii of 2,600 mm and 3,525 mm.

Dimensions

Travel position and outrigger footprint, in millimetres.





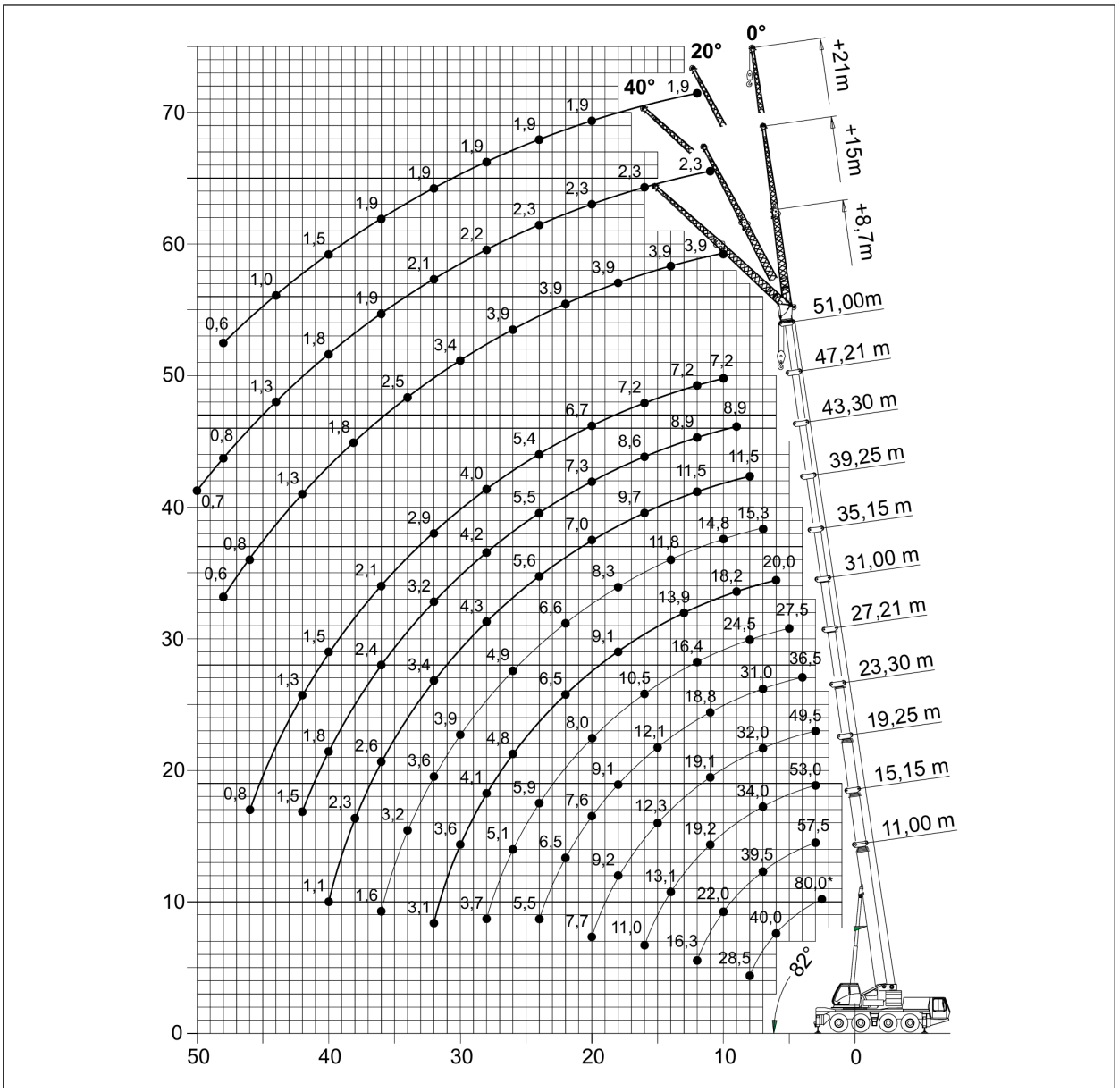
Ra = radius with all wheels steered. Drawing from the manufacturer's product guide for the GMK4080-1.

Key dimensions

Item	Value (mm)
Overall length in travel	12,530
Overall width / height	2,540 / 3,845
Outrigger footprint	8,100 long x 7,000 wide at the 7.0 m spread (6,000 and 5,000 wide also dimensioned)
Rear slewing radius (plan view)	3,525

Working range

Hook height (m) against radius (m), main boom 11.0 to 51.0 m and jib 8.7 / 15.0 / 21.0 m at 0° to 40°.



Outriggers 7.0 m, slewing 360°. Figures on the curves are rated capacities in tonnes. Diagram from the manufacturer's product guide for the GMK4080-1.

Main boom on outriggers

Rated capacity in tonnes. Boom 11.0 m to 51.0 m, outriggers 7.0 m, slewing 360°, EN 13000.

Counterweight 19.3 t

Radius (m)	Main boom length (m)										
	11.00	15.15	19.25	23.30	27.21	31.00	35.15	39.25	43.30	47.21	51.00
2.5	80.0*	-	-	-	-	-	-	-	-	-	-
3.0	68.0	57.5	53.0	49.5	-	-	-	-	-	-	-
4.0	53.5	50.5	47.0	44.0	36.5	-	-	-	-	-	-
5.0	46.0	44.5	41.5	39.0	35.0	27.5	-	-	-	-	-
6.0	40.0	39.5	38.0	35.0	33.5	26.5	20.0	-	-	-	-
7.0	34.5	34.5	34.0	32.0	31.0	25.5	19.7	15.3	-	-	-
8.0	28.5	30.0	30.0	28.5	28.0	24.5	19.3	15.3	11.5	-	-
9.0	-	25.5	25.5	25.0	24.0	23.0	18.2	15.1	11.5	8.9	-
10.0	-	22.0	22.0	22.5	21.0	20.5	17.1	14.8	11.5	8.9	7.2
11.0	-	18.8	19.2	19.1	18.8	18.4	16.0	14.0	11.5	8.9	7.2
12.0	-	16.3	16.7	16.6	17.2	16.4	15.0	13.3	11.5	8.9	7.2
13.0	-	-	14.7	14.8	15.2	14.7	13.9	12.5	11.2	8.9	7.2
14.0	-	-	13.1	13.7	13.5	13.1	12.6	11.8	10.8	8.9	7.2
15.0	-	-	11.9	12.3	12.1	11.7	11.4	11.0	10.3	8.9	7.2
16.0	-	-	11.0	11.1	11.0	10.5	10.5	10.1	9.7	8.6	7.2
18.0	-	-	-	9.2	9.1	8.8	9.1	8.3	8.4	8.0	7.2
20.0	-	-	-	7.7	7.6	8.0	7.6	7.1	7.0	7.3	6.7
22.0	-	-	-	-	6.5	6.8	6.5	6.6	6.1	6.1	6.3
24.0	-	-	-	-	5.5	5.9	5.5	5.7	5.6	5.5	5.4
26.0	-	-	-	-	-	5.1	4.8	4.9	5.0	4.9	4.6
28.0	-	-	-	-	-	3.7	4.1	4.3	4.3	4.2	4.0
30.0	-	-	-	-	-	-	3.6	3.9	3.8	3.7	3.4
32.0	-	-	-	-	-	-	3.1	3.6	3.4	3.2	2.9
34.0	-	-	-	-	-	-	-	3.2	3.0	2.8	2.5
36.0	-	-	-	-	-	-	-	1.6	2.6	2.4	2.1
38.0	-	-	-	-	-	-	-	-	2.3	2.1	1.8
40.0	-	-	-	-	-	-	-	-	1.1	1.8	1.5
42.0	-	-	-	-	-	-	-	-	-	1.5	1.3
44.0	-	-	-	-	-	-	-	-	-	-	1.0
46.0	-	-	-	-	-	-	-	-	-	-	0.8

* Over rear.

Counterweight 16.8 t

Radius (m)	Main boom length (m)										
	11.00	15.15	19.25	23.30	27.21	31.00	35.15	39.25	43.30	47.21	51.00
2.5	80.0*	-	-	-	-	-	-	-	-	-	-
3.0	68.0	57.5	53.0	49.5	-	-	-	-	-	-	-
4.0	53.5	50.5	47.0	44.0	36.5	-	-	-	-	-	-
5.0	46.0	44.5	41.5	39.0	35.0	27.5	-	-	-	-	-
6.0	39.5	39.5	38.0	35.0	33.5	26.5	20.0	-	-	-	-
7.0	33.5	34.0	34.0	32.0	31.0	25.5	19.7	15.3	-	-	-
8.0	28.5	29.5	29.0	27.0	26.0	24.5	19.3	15.3	11.5	-	-
9.0	-	24.5	24.0	24.0	22.5	22.0	18.2	15.1	11.5	8.9	-
10.0	-	20.5	21.0	21.0	20.5	19.4	17.1	14.8	11.5	8.9	7.2
11.0	-	17.6	18.0	17.9	18.4	17.2	16.0	14.0	11.5	8.9	7.2
12.0	-	15.3	15.7	15.7	16.1	15.4	14.4	13.3	11.5	8.9	7.2
13.0	-	-	13.8	14.4	14.2	13.8	12.9	12.5	11.2	8.9	7.2
14.0	-	-	12.7	12.8	12.6	12.2	11.7	11.3	10.8	8.9	7.2
15.0	-	-	11.4	11.5	11.3	10.9	10.9	10.2	10.1	8.9	7.2
16.0	-	-	10.2	10.4	10.2	9.8	10.2	9.3	9.2	8.6	7.2
18.0	-	-	-	8.6	8.4	8.8	8.4	7.7	7.7	7.8	7.2
20.0	-	-	-	7.2	7.0	7.4	7.1	7.1	6.7	6.6	6.7
22.0	-	-	-	-	5.9	6.3	6.0	6.1	6.1	6.0	5.8
24.0	-	-	-	-	5.1	5.4	5.1	5.2	5.3	5.2	4.9
26.0	-	-	-	-	-	4.7	4.3	4.7	4.5	4.5	4.2
28.0	-	-	-	-	-	3.3	3.7	4.2	4.0	3.8	3.6
30.0	-	-	-	-	-	-	3.5	3.7	3.5	3.3	3.0
32.0	-	-	-	-	-	-	2.7	3.2	3.1	2.9	2.6
34.0	-	-	-	-	-	-	-	2.8	2.7	2.5	2.2
36.0	-	-	-	-	-	-	-	1.3	2.3	2.1	1.8
38.0	-	-	-	-	-	-	-	-	2.0	1.8	1.5
40.0	-	-	-	-	-	-	-	-	0.8	1.5	1.2
42.0	-	-	-	-	-	-	-	-	-	1.3	1.0
44.0	-	-	-	-	-	-	-	-	-	-	0.8

* Over rear.

Main boom on outriggers

Rated capacity in tonnes. Boom 11.0 m to 51.0 m, outriggers 7.0 m, slewing 360°, EN 13000.

Counterweight 11.8 t

Radius (m)	Main boom length (m)										
	11.00	15.15	19.25	23.30	27.21	31.00	35.15	39.25	43.30	47.21	51.00
3.0	68.0	57.0	53.0	49.5	-	-	-	-	-	-	-
4.0	53.5	50.5	47.0	44.0	36.5	-	-	-	-	-	-
5.0	46.0	44.5	41.5	39.0	35.0	27.5	-	-	-	-	-
6.0	38.0	38.5	37.0	34.0	32.5	26.5	20.0	-	-	-	-
7.0	31.5	32.0	30.0	29.0	26.5	25.5	19.7	15.3	-	-	-
8.0	25.0	25.5	25.0	24.0	23.5	22.0	19.3	15.3	11.5	-	-
9.0	-	21.0	21.5	20.5	20.5	19.0	17.8	15.1	11.5	8.9	-
10.0	-	17.7	18.1	18.2	17.9	16.6	15.5	14.8	11.5	8.9	7.2
11.0	-	15.0	15.5	16.1	15.8	14.6	13.7	13.1	11.5	8.9	7.2
12.0	-	13.0	13.9	14.0	13.8	13.0	12.7	11.7	11.5	8.9	7.2
13.0	-	-	12.2	12.3	12.1	11.6	11.8	10.4	10.3	8.9	7.2
14.0	-	-	10.8	10.9	10.7	10.7	10.7	9.4	9.2	8.9	7.2
15.0	-	-	9.6	9.8	9.6	10.0	9.6	8.9	8.4	8.4	7.2
16.0	-	-	8.6	8.8	8.6	9.0	8.6	8.5	7.9	7.9	7.2
18.0	-	-	-	7.2	7.0	7.4	7.0	7.2	7.2	7.0	6.5
20.0	-	-	-	6.0	5.8	6.2	5.8	6.2	6.2	6.0	5.5
22.0	-	-	-	-	4.8	5.2	5.0	5.4	5.2	5.0	4.6
24.0	-	-	-	-	4.0	4.4	4.4	4.6	4.4	4.2	3.9
26.0	-	-	-	-	-	3.9	4.0	3.9	3.8	3.3	3.3
28.0	-	-	-	-	-	2.5	3.5	3.4	3.2	3.0	2.7
30.0	-	-	-	-	-	-	3.0	2.9	2.7	2.5	2.3
32.0	-	-	-	-	-	-	2.0	2.5	2.3	2.1	1.8
34.0	-	-	-	-	-	-	-	2.2	2.0	1.8	1.5
36.0	-	-	-	-	-	-	-	-	1.7	1.5	1.2
38.0	-	-	-	-	-	-	-	-	1.4	1.2	0.9
40.0	-	-	-	-	-	-	-	-	-	0.9	-

Counterweight 9.3 t

Radius (m)	Main boom length (m)										
	11.00	15.15	19.25	23.30	27.21	31.00	35.15	39.25	43.30	47.21	51.00
3.0	68.0	57.5	53.0	49.5	-	-	-	-	-	-	-
4.0	53.5	50.5	47.0	44.0	36.5	-	-	-	-	-	-
5.0	45.0	44.5	41.5	39.0	35.0	27.5	-	-	-	-	-
6.0	37.0	37.0	34.0	31.0	30.0	26.5	20.0	-	-	-	-
7.0	29.0	29.5	27.5	26.5	25.0	24.0	19.7	15.3	-	-	-
8.0	22.5	24.0	23.5	22.0	22.0	20.5	18.8	15.3	11.5	-	-
9.0	-	19.4	19.8	20.0	18.8	17.4	16.2	15.1	11.5	8.9	-
10.0	-	16.2	16.9	17.3	16.4	15.2	14.1	13.5	11.5	8.9	7.2
11.0	-	13.7	14.6	14.8	14.4	13.3	13.3	11.9	11.5	8.9	7.2
12.0	-	12.0	12.7	12.8	12.6	11.9	12.0	10.5	10.3	8.9	7.2
13.0	-	-	11.1	11.2	11.1	11.2	10.7	9.7	9.2	8.9	7.2
14.0	-	-	9.8	9.9	9.8	10.2	9.7	9.3	8.7	8.3	7.2
15.0	-	-	8.7	8.9	8.7	9.1	8.7	8.7	8.3	8.2	7.2
16.0	-	-	7.8	7.9	7.8	8.2	7.8	8.0	7.8	7.5	6.9
18.0	-	-	-	6.8	6.3	6.7	6.3	6.8	6.7	6.3	5.7
20.0	-	-	-	5.7	5.1	5.5	5.6	5.7	5.5	5.3	4.8
22.0	-	-	-	-	4.2	4.6	4.9	4.8	4.6	4.4	4.0
24.0	-	-	-	-	3.7	4.2	4.2	4.1	3.9	3.7	3.4
26.0	-	-	-	-	-	3.6	3.5	3.5	3.3	3.1	2.8
28.0	-	-	-	-	-	2.0	3.0	2.9	2.8	2.6	2.3
30.0	-	-	-	-	-	-	2.6	2.5	2.3	2.1	1.8
32.0	-	-	-	-	-	-	1.6	2.1	1.9	1.7	1.4
34.0	-	-	-	-	-	-	-	1.8	1.6	1.4	1.1
36.0	-	-	-	-	-	-	-	-	1.3	1.1	0.8
38.0	-	-	-	-	-	-	-	-	1.0	0.8	-

Main boom on tyres

Rated capacity in tonnes. Boom 11.0 m to 18.6 m, on tyres without outriggers, slewing 0°, EN 13000.

Counterweight 19.3 t

Radius (m)	Main boom length (m)		
	11.0	14.8	18.6
3.0	15.1	15.8	16.2
4.0	12.3	13.0	13.5
5.0	10.1	10.9	11.3
6.0	8.5	9.2	9.7
7.0	7.1	7.9	8.4
8.0	6.0	6.8	7.3
9.0	-	5.9	6.3
10.0	-	5.1	5.6
11.0	-	4.4	4.9
12.0	-	3.8	4.3
13.0	-	-	3.8
14.0	-	-	3.3
15.0	-	-	2.9
16.0	-	-	2.6

Counterweight 16.8 t

Radius (m)	Main boom length (m)		
	11.0	14.8	18.6
3.0	15.2	16.0	16.4
4.0	12.4	13.1	13.6
5.0	10.2	11.0	11.5
6.0	8.6	9.3	9.8
7.0	7.2	8.0	8.4
8.0	6.1	6.9	7.3
9.0	-	5.9	6.4
10.0	-	5.1	5.6
11.0	-	4.4	4.9
12.0	-	3.8	4.3
13.0	-	-	3.8
14.0	-	-	3.4
15.0	-	-	3.0
16.0	-	-	2.6

Counterweight 11.3 t

Radius (m)	Main boom length (m)		
	11.0	14.8	18.6
3.0	15.5	16.2	16.7
4.0	12.7	13.4	13.8
5.0	10.5	11.2	11.7
6.0	8.8	9.5	10.0
7.0	7.4	8.2	8.6
8.0	5.7	6.9	7.3
9.0	-	5.5	6.2
10.0	-	4.5	5.2
11.0	-	3.6	4.3
12.0	-	2.9	3.6
13.0	-	-	3.0
14.0	-	-	2.4
15.0	-	-	2.0
16.0	-	-	1.6

Counterweight 9.3 t

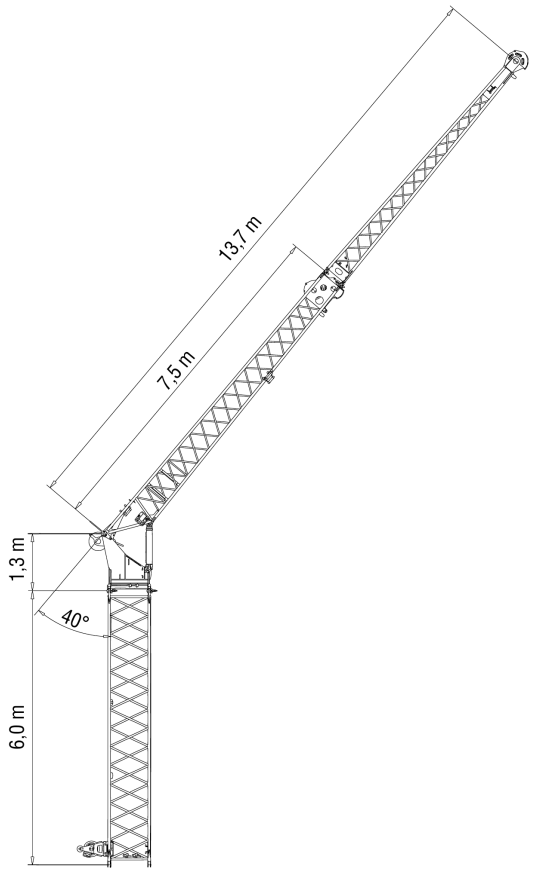
Radius (m)	Main boom length (m)		
	11.0	14.8	18.6
3.0	15.7	16.4	16.8
4.0	12.8	13.5	14.0
5.0	10.6	11.3	11.2
6.0	8.2	9.2	9.2
7.0	6.1	7.4	7.7
8.0	4.6	5.8	6.4
9.0	-	4.6	5.3
10.0	-	3.6	4.3
11.0	-	2.8	3.5
12.0	-	2.2	2.8
13.0	-	-	2.3
14.0	-	-	1.8
15.0	-	-	1.4
16.0	-	-	1.0

Lifting on tyres

These are the manufacturer's charts for lifting with the crane on its tyres at a 0° slewing position. The third chart is for 11.3 t of counterweight, where the outrigger charts use 11.8 t. Both are as printed by the manufacturer.

Jib configurations

Swingaway and lattice extension make-up.



Drawing from the manufacturer's product guide for the GMK4080-1.

Make-up by total length

Total length	6.0 m	1.3 m	7.5 m	6.2 m
8.7 m	-	1 x	1 x	-
15.0 m	-	1 x	1 x	1 x
21.0 m	1 x	1 x	1 x	1 x

Intermediate section make-up for each total jib length, from the manufacturer's jib configuration table.

Jib options

- Bi-fold swingaway 8.7 / 15 m with hydraulic offset and luffing under load, 0° to 40°, controlled from the crane cab.
- Bi-fold swingaway 8.7 / 15 m with manual offset 0°, 20° or 40°.
- Lattice extension 21 m, made up of a 6 m fixed, non-offsettable section plus the 8.7 / 15 m swingaway.
- The jib charts that follow are for the 47.2 m and 51.0 m main boom, outriggers 7.0 m, slewing 360°.

Swingaway jib, counterweight 19.3 t

Rated capacity in tonnes by jib offset. Outriggers 7.0 m, slewing 360°, EN 13000.

Swingaway 8.7 m

Radius (m)	Main boom 47.2 m, jib 8.7 m					Main boom 51.0 m, jib 8.7 m				
	0°	0° to 20°	20° to 40°	* 0° to 20°	* 20° to 40°	0°	0° to 20°	20° to 40°	* 0° to 20°	* 20° to 40°
9.0	4.6	-	-	-	-	-	-	-	-	-
10.0	4.6	-	-	-	-	3.9	-	-	-	-
11.0	4.6	-	-	-	-	3.9	-	-	-	-
12.0	4.6	4.2	-	2.7	-	3.9	3.7	-	2.7	-
13.0	4.6	4.1	-	2.6	-	3.9	3.7	-	2.6	-
14.0	4.6	4.0	3.3	2.5	1.9	3.9	3.7	-	2.6	-
15.0	4.6	4.0	3.3	2.4	1.9	3.9	3.7	3.2	2.5	1.9
16.0	4.6	3.9	3.2	2.4	1.9	3.9	3.7	3.2	2.4	1.9
18.0	4.6	3.8	3.2	2.3	1.8	3.9	3.6	3.1	2.3	1.9
20.0	4.6	3.6	3.1	2.2	1.8	3.9	3.5	3.1	2.2	1.8
22.0	4.5	3.5	3.1	2.1	1.7	3.9	3.4	3.0	2.1	1.8
24.0	4.3	3.4	3.0	2.0	1.7	3.9	3.4	3.0	2.0	1.7
26.0	4.1	3.3	3.0	1.9	1.7	3.9	3.3	3.0	1.9	1.7
28.0	3.8	3.3	3.0	1.8	1.7	3.8	3.2	2.9	1.9	1.7
30.0	3.5	3.2	3.0	1.8	1.6	3.4	3.1	2.9	1.8	1.6
32.0	3.2	3.1	2.9	1.7	1.6	2.9	2.9	2.9	1.8	1.6
34.0	2.8	2.8	2.9	1.7	1.6	2.5	2.5	2.7	1.7	1.6
36.0	2.4	2.4	2.6	1.6	1.6	2.2	2.2	2.3	1.7	1.6
38.0	2.1	2.1	2.2	1.6	1.6	1.8	1.8	2.0	1.6	1.6
40.0	1.8	1.8	1.9	1.5	1.5	1.5	1.5	1.7	1.5	1.6
42.0	1.5	1.5	-	1.5	-	1.3	1.3	1.4	1.3	1.4
44.0	1.3	1.3	-	1.3	-	1.0	1.0	-	1.0	-
46.0	1.1	1.1	-	1.1	-	0.8	0.8	-	0.8	-
48.0	0.9	0.9	-	0.9	-	0.6	0.6	-	0.6	-
50.0	0.7	-	-	-	-	-	-	-	-	-

* Luffing under load.

Swingaway 15.0 m

Radius (m)	Main boom 47.2 m, jib 15.0 m					Main boom 51.0 m, jib 15.0 m				
	0°	0° to 20°	20° to 40°	* 0° to 20°	* 20° to 40°	0°	0° to 20°	20° to 40°	* 0° to 20°	* 20° to 40°
10.0	2.7	-	-	-	-	-	-	-	-	-
11.0	2.7	-	-	-	-	2.3	-	-	-	-
12.0	2.7	-	-	-	-	2.3	-	-	-	-
13.0	2.7	-	-	-	-	2.3	-	-	-	-
14.0	2.7	-	-	-	-	2.3	-	-	-	-
15.0	2.7	2.3	-	1.4	-	2.3	-	-	-	-
16.0	2.7	2.2	-	1.3	-	2.3	2.2	-	1.3	-
18.0	2.7	2.1	-	1.2	-	2.3	2.1	-	1.3	-
20.0	2.6	2.0	1.7	1.2	0.9	2.3	2.0	1.6	1.2	0.9
22.0	2.6	2.0	1.6	1.1	0.9	2.3	1.9	1.6	1.1	0.9
24.0	2.5	1.9	1.6	1.0	0.8	2.3	1.9	1.6	1.1	0.8
26.0	2.4	1.8	1.6	1.0	0.8	2.3	1.8	1.6	1.0	0.8
28.0	2.3	1.8	1.5	0.9	0.8	2.2	1.8	1.5	1.0	0.8
30.0	2.2	1.7	1.5	0.9	0.8	2.2	1.7	1.5	0.9	0.8
32.0	2.1	1.7	1.5	0.9	0.8	2.1	1.7	1.5	0.9	0.8
34.0	2.0	1.7	1.5	0.8	0.7	2.0	1.6	1.5	0.9	0.7
36.0	1.9	1.6	1.5	0.8	0.7	1.9	1.6	1.5	0.8	0.7
38.0	1.9	1.6	1.5	0.8	0.7	1.9	1.6	1.4	0.8	0.7
40.0	1.8	1.6	1.4	0.7	0.7	1.8	1.5	1.4	0.8	0.7
42.0	1.7	1.5	1.4	0.7	0.7	1.5	1.5	1.4	0.7	0.7
44.0	1.5	1.5	1.4	0.7	0.7	1.3	1.3	1.4	0.7	0.7
46.0	1.3	1.3	1.4	0.7	0.7	1.0	1.0	1.3	0.7	0.7
48.0	1.1	1.1	-	0.7	0.7	0.8	0.8	1.0	0.7	0.7
50.0	0.9	0.9	-	0.6	-	0.7	0.7	-	0.7	-
52.0	0.8	0.8	-	0.6	-	0.7	0.7	-	0.7	-

* Luffing under load.

Swingaway jib, counterweight 16.8 t

Rated capacity in tonnes by jib offset. Outriggers 7.0 m, slewing 360°, EN 13000.

Swingaway 8.7 m

Radius (m)	Main boom 47.2 m, jib 8.7 m					Main boom 51.0 m, jib 8.7 m				
	0°	0° to 20°	20° to 40°	* 0° to 20°	* 20° to 40°	0°	0° to 20°	20° to 40°	* 0° to 20°	* 20° to 40°
9.0	4.6	-	-	-	-	-	-	-	-	-
10.0	4.6	-	-	-	-	3.9	-	-	-	-
11.0	4.6	-	-	-	-	3.9	-	-	-	-
12.0	4.6	4.2	-	2.7	-	3.9	3.7	-	2.7	-
13.0	4.6	4.1	-	2.6	-	3.9	3.7	-	2.6	-
14.0	4.6	4.0	3.3	2.5	1.9	3.9	3.7	-	2.6	-
15.0	4.6	4.0	3.3	2.4	1.9	3.9	3.7	3.2	2.5	1.9
16.0	4.6	3.9	3.2	2.4	1.9	3.9	3.7	3.2	2.4	1.9
18.0	4.6	3.8	3.2	2.3	1.8	3.9	3.6	3.1	2.3	1.9
20.0	4.6	3.7	3.1	2.2	1.8	3.9	3.5	3.1	2.2	1.8
22.0	4.5	3.6	3.1	2.1	1.7	3.9	3.4	3.0	2.1	1.8
24.0	4.3	3.5	3.0	2.0	1.7	3.9	3.4	3.0	2.0	1.7
26.0	4.1	3.4	3.0	1.9	1.7	3.9	3.3	3.0	1.9	1.7
28.0	3.8	3.3	3.0	1.8	1.7	3.6	3.2	2.9	1.9	1.7
30.0	3.4	3.1	3.0	1.8	1.6	3.1	3.1	2.9	1.8	1.6
32.0	2.9	2.9	2.9	1.7	1.6	2.6	2.6	2.8	1.8	1.6
34.0	2.5	2.5	2.6	1.7	1.6	2.2	2.2	2.4	1.7	1.6
36.0	2.1	2.1	2.3	1.6	1.6	1.8	1.8	2.0	1.7	1.6
38.0	1.8	1.8	1.9	1.6	1.6	1.5	1.5	1.7	1.5	1.6
40.0	1.5	1.5	1.6	1.5	1.5	1.3	1.3	1.4	1.3	1.4
42.0	1.3	1.3	-	1.3	-	1.0	1.0	1.1	1.0	1.1
44.0	1.1	1.1	-	1.1	-	0.8	0.8	-	0.8	-
46.0	0.9	0.9	-	0.9	-	0.6	0.6	-	0.6	-
48.0	0.7	0.7	-	0.7	-	-	-	-	-	-

* Luffing under load.

Swingaway 15.0 m

Radius (m)	Main boom 47.2 m, jib 15.0 m					Main boom 51.0 m, jib 15.0 m				
	0°	0° to 20°	20° to 40°	* 0° to 20°	* 20° to 40°	0°	0° to 20°	20° to 40°	* 0° to 20°	* 20° to 40°
10.0	2.7	-	-	-	-	-	-	-	-	-
11.0	2.7	-	-	-	-	2.3	-	-	-	-
12.0	2.7	-	-	-	-	2.3	-	-	-	-
13.0	2.7	-	-	-	-	2.3	-	-	-	-
14.0	2.7	-	-	-	-	2.3	-	-	-	-
15.0	2.7	2.3	-	1.4	-	2.3	-	-	-	-
16.0	2.7	2.2	-	1.3	-	2.3	2.2	-	1.3	-
18.0	2.7	2.1	-	1.2	-	2.3	2.1	-	1.3	-
20.0	2.6	2.0	1.7	1.2	0.9	2.3	2.0	1.6	1.2	0.9
22.0	2.6	2.0	1.6	1.1	0.9	2.3	1.9	1.6	1.1	0.9
24.0	2.5	1.9	1.6	1.0	0.8	2.3	1.9	1.6	1.1	0.8
26.0	2.4	1.8	1.6	1.0	0.8	2.3	1.8	1.6	1.0	0.8
28.0	2.3	1.8	1.5	0.9	0.8	2.2	1.8	1.5	1.0	0.8
30.0	2.2	1.7	1.5	0.9	0.8	2.2	1.7	1.5	0.9	0.8
32.0	2.1	1.7	1.5	0.9	0.8	2.1	1.7	1.5	0.9	0.8
34.0	2.0	1.7	1.5	0.8	0.7	2.0	1.6	1.5	0.9	0.7
36.0	1.9	1.6	1.5	0.8	0.7	1.9	1.6	1.5	0.8	0.7
38.0	1.8	1.6	1.5	0.8	0.7	1.9	1.6	1.4	0.8	0.7
40.0	1.8	1.5	1.4	0.8	0.7	1.5	1.5	1.4	0.8	0.7
42.0	1.5	1.5	1.4	0.7	0.7	1.3	1.3	1.4	0.7	0.7
44.0	1.3	1.3	1.4	0.7	0.7	1.0	1.0	1.2	0.7	0.7
46.0	1.1	1.1	1.3	0.7	0.7	0.8	0.8	1.0	0.7	0.7
48.0	0.9	0.9	-	0.7	0.7	0.6	0.6	0.8	0.6	0.7
50.0	0.7	0.7	-	0.6	-	-	-	-	-	-

* Luffing under load.

Swingaway jib, counterweight 11.8 t

Rated capacity in tonnes by jib offset. Outriggers 7.0 m, slewing 360°, EN 13000.

Swingaway 8.7 m

Radius (m)	Main boom 47.2 m, jib 8.7 m					Main boom 51.0 m, jib 8.7 m				
	0°	0° to 20°	20° to 40°	* 0° to 20°	* 20° to 40°	0°	0° to 20°	20° to 40°	* 0° to 20°	* 20° to 40°
9.0	4.6	-	-	-	-	-	-	-	-	-
10.0	4.6	-	-	-	-	3.9	-	-	-	-
11.0	4.6	-	-	-	-	3.9	-	-	-	-
12.0	4.6	4.2	-	2.7	-	3.9	3.7	-	2.7	-
13.0	4.6	4.1	-	2.6	-	3.9	3.7	-	2.6	-
14.0	4.6	4.0	3.3	2.5	1.9	3.9	3.7	-	2.6	-
15.0	4.6	4.0	3.3	2.4	1.9	3.9	3.7	3.2	2.5	1.9
16.0	4.6	3.9	3.2	2.4	1.9	3.9	3.7	3.2	2.4	1.9
18.0	4.6	3.8	3.2	2.3	1.8	3.9	3.6	3.1	2.3	1.9
20.0	4.6	3.6	3.1	2.2	1.8	3.9	3.5	3.1	2.2	1.8
22.0	4.4	3.5	3.1	2.1	1.7	3.9	3.4	3.0	2.1	1.8
24.0	4.1	3.4	3.0	2.0	1.7	3.8	3.4	3.0	2.0	1.7
26.0	3.6	3.3	3.0	1.9	1.7	3.2	3.2	3.0	1.9	1.7
28.0	3.0	3.0	3.0	1.8	1.7	2.7	2.7	2.9	1.9	1.7
30.0	2.6	2.6	2.8	1.8	1.6	2.3	2.3	2.5	1.8	1.6
32.0	2.2	2.2	2.3	1.7	1.6	1.9	1.9	2.1	1.8	1.6
34.0	1.8	1.8	2.0	1.6	1.6	1.5	1.5	1.7	1.5	1.6
36.0	1.5	1.5	1.6	1.5	1.6	1.2	1.2	1.4	1.2	1.4
38.0	1.2	1.2	1.3	1.2	1.3	0.9	0.9	1.1	0.9	1.1
40.0	1.0	1.0	1.1	1.0	1.1	0.7	0.7	0.8	0.7	0.8
42.0	0.7	0.7	-	0.7	-	-	-	-	-	-

* Luffing under load.

Swingaway 15.0 m

Radius (m)	Main boom 47.2 m, jib 15.0 m					Main boom 51.0 m, jib 15.0 m				
	0°	0° to 20°	20° to 40°	* 0° to 20°	* 20° to 40°	0°	0° to 20°	20° to 40°	* 0° to 20°	* 20° to 40°
10.0	2.7	-	-	-	-	-	-	-	-	-
11.0	2.7	-	-	-	-	2.3	-	-	-	-
12.0	2.7	-	-	-	-	2.3	-	-	-	-
13.0	2.7	-	-	-	-	2.3	-	-	-	-
14.0	2.7	-	-	-	-	2.3	-	-	-	-
15.0	2.7	2.3	-	1.4	-	2.3	-	-	-	-
16.0	2.7	2.2	-	1.3	-	2.3	2.2	-	1.3	-
18.0	2.7	2.1	-	1.2	-	2.3	2.1	-	1.3	-
20.0	2.6	2.0	1.7	1.2	0.9	2.3	2.0	1.6	1.2	0.9
22.0	2.6	2.0	1.6	1.1	0.9	2.3	1.9	1.6	1.1	0.9
24.0	2.5	1.9	1.6	1.0	0.8	2.3	1.9	1.6	1.1	0.8
26.0	2.4	1.8	1.6	1.0	0.8	2.3	1.8	1.6	1.0	0.8
28.0	2.3	1.8	1.5	0.9	0.8	2.2	1.8	1.5	1.0	0.8
30.0	2.2	1.7	1.5	0.9	0.8	2.2	1.7	1.5	0.9	0.8
32.0	2.0	1.7	1.5	0.9	0.8	2.1	1.7	1.5	0.9	0.8
34.0	2.0	1.7	1.5	0.8	0.7	1.8	1.6	1.5	0.9	0.7
36.0	1.7	1.6	1.5	0.8	0.7	1.5	1.5	1.5	0.8	0.7
38.0	1.5	1.5	1.4	0.8	0.7	1.2	1.2	1.4	0.8	0.7
40.0	1.2	1.2	1.4	0.7	0.7	0.9	0.9	1.2	0.8	0.7
42.0	1.0	1.0	1.2	0.7	0.7	0.7	0.7	1.0	0.7	0.7
44.0	0.8	0.8	1.0	0.7	0.7	-	-	0.7	-	0.7
46.0	0.6	0.6	0.8	0.6	0.7	-	-	-	-	-

* Luffing under load.

Swingaway jib, counterweight 9.3 t

Rated capacity in tonnes by jib offset. Outriggers 7.0 m, slewing 360°, EN 13000.

Swingaway 8.7 m

Radius (m)	Main boom 47.2 m, jib 8.7 m					Main boom 51.0 m, jib 8.7 m				
	0°	0° to 20°	20° to 40°	* 0° to 20°	* 20° to 40°	0°	0° to 20°	20° to 40°	* 0° to 20°	* 20° to 40°
9.0	4.6	-	-	-	-	-	-	-	-	-
10.0	4.6	-	-	-	-	3.9	-	-	-	-
11.0	4.6	-	-	-	-	3.9	-	-	-	-
12.0	4.6	4.2	-	2.7	-	3.9	3.7	-	2.7	-
13.0	4.6	4.1	-	2.6	-	3.9	3.7	-	2.6	-
14.0	4.6	4.0	3.3	2.5	1.9	3.9	3.7	-	2.6	-
15.0	4.6	4.0	3.3	2.4	1.9	3.9	3.7	3.2	2.5	1.9
16.0	4.6	3.9	3.2	2.4	1.9	3.9	3.7	3.2	2.4	1.9
18.0	4.6	3.8	3.2	2.3	1.8	3.9	3.6	3.1	2.3	1.9
20.0	4.5	3.6	3.1	2.2	1.8	3.9	3.5	3.1	2.2	1.8
22.0	4.3	3.5	3.1	2.1	1.7	3.8	3.4	3.0	2.1	1.8
24.0	3.7	3.4	3.0	2.0	1.7	3.2	3.2	3.0	2.0	1.7
26.0	3.1	3.1	3.0	1.9	1.7	2.7	2.7	3.0	1.9	1.7
28.0	2.6	2.6	2.8	1.8	1.7	2.2	2.2	2.5	1.9	1.7
30.0	2.2	2.2	2.4	1.8	1.6	1.8	1.8	2.0	1.8	1.6
32.0	1.8	1.8	2.0	1.7	1.6	1.4	1.4	1.6	1.4	1.6
34.0	1.4	1.4	1.6	1.4	1.6	1.1	1.1	1.3	1.1	1.3
36.0	1.1	1.1	1.3	1.1	1.3	0.8	0.8	1.0	0.8	1.0
38.0	0.9	0.9	1.0	0.9	1.0	-	-	0.7	-	0.7
40.0	0.6	0.6	0.7	0.6	0.7	-	-	-	-	-

* Luffing under load.

Swingaway 15.0 m

Radius (m)	Main boom 47.2 m, jib 15.0 m					Main boom 51.0 m, jib 15.0 m				
	0°	0° to 20°	20° to 40°	* 0° to 20°	* 20° to 40°	0°	0° to 20°	20° to 40°	* 0° to 20°	* 20° to 40°
10.0	2.7	-	-	-	-	-	-	-	-	-
11.0	2.7	-	-	-	-	2.3	-	-	-	-
12.0	2.7	-	-	-	-	2.3	-	-	-	-
13.0	2.7	-	-	-	-	2.3	-	-	-	-
14.0	2.7	-	-	-	-	2.3	-	-	-	-
15.0	2.7	2.3	-	1.4	-	2.3	-	-	-	-
16.0	2.7	2.2	-	1.3	-	2.3	2.2	-	1.3	-
18.0	2.7	2.1	-	1.2	-	2.3	2.1	-	1.3	-
20.0	2.6	2.0	1.7	1.2	0.9	2.3	2.0	1.6	1.2	0.9
22.0	2.6	2.0	1.6	1.1	0.9	2.3	1.9	1.6	1.1	0.9
24.0	2.5	1.9	1.6	1.0	0.8	2.3	1.9	1.6	1.1	0.8
26.0	2.4	1.8	1.6	1.0	0.8	2.3	1.8	1.6	1.0	0.8
28.0	2.3	1.8	1.5	0.9	0.8	2.2	1.8	1.5	1.0	0.8
30.0	2.1	1.7	1.5	0.9	0.8	2.0	1.7	1.5	0.9	0.8
32.0	2.0	1.7	1.5	0.9	0.8	1.6	1.6	1.5	0.9	0.8
34.0	1.7	1.6	1.5	0.8	0.7	1.3	1.3	1.5	0.9	0.7
36.0	1.4	1.4	1.5	0.8	0.7	1.0	1.0	1.4	0.8	0.7
38.0	1.1	1.1	1.4	0.8	0.7	0.8	0.8	1.1	0.8	0.7
40.0	0.9	0.9	1.1	0.7	0.7	-	-	0.8	-	0.7
42.0	0.7	0.7	0.9	0.7	0.6	-	-	0.6	-	0.6
44.0	-	-	0.7	-	-	-	-	-	-	-

* Luffing under load.

Lattice extension 21.0 m

Rated capacity in tonnes by jib offset. Outriggers 7.0 m, slewing 360°, EN 13000.

Counterweight 19.3 t

Radius (m)	Main boom 47.2 m, jib 21.0 m					Main boom 51.0 m, jib 21.0 m				
	0°	0° to 20°	20° to 40°	* 0° to 20°	* 20° to 40°	0°	0° to 20°	20° to 40°	* 0° to 20°	* 20° to 40°
11.0	2.2	-	-	-	-	-	-	-	-	-
12.0	2.2	-	-	-	-	1.9	-	-	-	-
13.0	2.2	-	-	-	-	1.9	-	-	-	-
14.0	2.2	-	-	-	-	1.9	-	-	-	-
15.0	2.2	-	-	-	-	1.9	-	-	-	-
16.0	2.2	-	-	-	-	1.9	-	-	-	-
18.0	2.2	2.1	-	1.3	-	1.9	1.9	-	1.3	-
20.0	2.2	2.0	-	1.2	-	1.9	1.9	-	1.2	-
22.0	2.2	2.0	1.6	1.1	0.9	1.9	1.8	1.6	1.2	0.9
24.0	2.2	1.9	1.6	1.1	0.9	1.9	1.8	1.6	1.1	0.9
26.0	2.2	1.8	1.6	1.0	0.8	1.9	1.8	1.5	1.1	0.8
28.0	2.2	1.8	1.5	1.0	0.8	1.9	1.8	1.5	1.0	0.8
30.0	2.2	1.7	1.5	0.9	0.8	1.9	1.7	1.5	1.0	0.8
32.0	2.1	1.7	1.5	0.9	0.8	1.9	1.7	1.5	0.9	0.8
34.0	2.1	1.7	1.5	0.9	0.7	1.9	1.6	1.5	0.9	0.8
36.0	2.0	1.6	1.5	0.8	0.7	1.9	1.6	1.5	0.9	0.7
38.0	1.9	1.6	1.5	0.8	0.7	1.9	1.6	1.4	0.8	0.7
40.0	1.8	1.5	1.4	0.8	0.7	1.8	1.5	1.4	0.8	0.7
42.0	1.7	1.5	1.4	0.8	0.7	1.5	1.5	1.4	0.8	0.7
44.0	1.5	1.5	1.4	0.7	0.7	1.3	1.3	1.4	0.7	0.7
46.0	1.3	1.3	1.4	0.7	0.7	1.0	1.0	1.3	0.7	0.7
48.0	1.1	1.1	1.3	0.7	0.7	0.8	0.8	1.1	0.7	0.7
50.0	0.9	0.9	1.1	0.7	0.7	0.7	0.7	0.9	0.7	0.7
52.0	0.8	0.8	-	0.7	-	-	-	0.7	-	0.7
54.0	0.6	0.6	-	0.6	-	-	-	-	-	-

* Luffing under load.

Counterweight 16.8 t

Radius (m)	Main boom 47.2 m, jib 21.0 m					Main boom 51.0 m, jib 21.0 m				
	0°	0° to 20°	20° to 40°	* 0° to 20°	* 20° to 40°	0°	0° to 20°	20° to 40°	* 0° to 20°	* 20° to 40°
11.0	2.2	-	-	-	-	-	-	-	-	-
12.0	2.2	-	-	-	-	1.9	-	-	-	-
13.0	2.2	-	-	-	-	1.9	-	-	-	-
14.0	2.2	-	-	-	-	1.9	-	-	-	-
15.0	2.2	-	-	-	-	1.9	-	-	-	-
16.0	2.2	2.2	-	-	-	1.9	-	-	-	-
18.0	2.2	2.1	-	1.3	-	1.9	1.9	-	1.3	-
20.0	2.2	2.1	-	1.2	-	1.9	1.9	-	1.2	-
22.0	2.2	2.0	1.6	1.1	0.9	1.9	1.8	1.6	1.2	0.9
24.0	2.2	1.9	1.6	1.1	0.9	1.9	1.8	1.6	1.1	0.9
26.0	2.2	1.9	1.6	1.0	0.8	1.9	1.8	1.5	1.1	0.8
28.0	2.2	1.8	1.5	1.0	0.8	1.9	1.8	1.5	1.0	0.8
30.0	2.2	1.8	1.5	0.9	0.8	1.9	1.7	1.5	1.0	0.8
32.0	2.1	1.7	1.5	0.9	0.8	1.9	1.7	1.5	0.9	0.8
34.0	2.1	1.6	1.5	0.9	0.7	1.9	1.6	1.5	0.9	0.8
36.0	2.0	1.6	1.5	0.8	0.7	1.9	1.6	1.5	0.9	0.7
38.0	1.8	1.6	1.5	0.8	0.7	1.8	1.6	1.4	0.8	0.7
40.0	1.8	1.5	1.4	0.8	0.7	1.5	1.5	1.4	0.8	0.7
42.0	1.5	1.5	1.4	0.8	0.7	1.3	1.3	1.4	0.8	0.7
44.0	1.3	1.3	1.4	0.7	0.7	1.0	1.0	1.3	0.7	0.7
46.0	1.1	1.1	1.3	0.7	0.7	0.8	0.8	1.0	0.7	0.7
48.0	0.9	0.9	1.1	0.7	0.7	0.6	0.6	0.8	0.6	0.7
50.0	0.7	0.7	0.9	0.7	0.7	-	-	0.6	-	0.6

* Luffing under load.

Lattice extension 21.0 m

Rated capacity in tonnes by jib offset. Outriggers 7.0 m, slewing 360°, EN 13000.

Counterweight 11.8 t

Radius (m)	Main boom 47.2 m, jib 21.0 m					Main boom 51.0 m, jib 21.0 m				
	0°	0° to 20°	20° to 40°	* 0° to 20°	* 20° to 40°	0°	0° to 20°	20° to 40°	* 0° to 20°	* 20° to 40°
11.0	2.2	-	-	-	-	-	-	-	-	-
12.0	2.2	-	-	-	-	1.9	-	-	-	-
13.0	2.2	-	-	-	-	1.9	-	-	-	-
14.0	2.2	-	-	-	-	1.9	-	-	-	-
15.0	2.2	-	-	-	-	1.9	-	-	-	-
16.0	2.2	-	-	-	-	1.9	-	-	-	-
18.0	2.2	2.1	-	1.3	-	1.9	1.9	-	1.3	-
20.0	2.2	2.0	-	1.2	-	1.9	1.9	-	1.2	-
22.0	2.2	2.0	1.6	1.1	0.9	1.9	1.8	1.6	1.2	0.9
24.0	2.2	1.9	1.6	1.1	0.9	1.9	1.8	1.6	1.1	0.9
26.0	2.2	1.8	1.6	1.0	0.8	1.9	1.8	1.5	1.1	0.8
28.0	2.2	1.8	1.5	1.0	0.8	1.9	1.8	1.5	1.0	0.8
30.0	2.2	1.7	1.5	0.9	0.8	1.9	1.7	1.5	1.0	0.8
32.0	2.0	1.7	1.5	0.9	0.8	1.9	1.7	1.5	0.9	0.8
34.0	2.0	1.6	1.5	0.9	0.7	1.7	1.6	1.5	0.9	0.8
36.0	1.7	1.6	1.5	0.8	0.7	1.4	1.4	1.5	0.9	0.7
38.0	1.5	1.5	1.4	0.8	0.7	1.1	1.1	1.4	0.8	0.7
40.0	1.2	1.2	1.4	0.8	0.7	0.9	0.9	1.2	0.8	0.7
42.0	1.0	1.0	1.2	0.7	0.7	0.7	0.7	0.9	0.7	0.7
44.0	0.8	0.8	1.0	0.7	0.7	-	-	0.7	-	0.7
46.0	0.6	0.6	0.8	0.6	0.7	-	-	-	-	-

* Luffing under load.

Counterweight 9.3 t

Radius (m)	Main boom 47.2 m, jib 21.0 m					Main boom 51.0 m, jib 21.0 m				
	0°	0° to 20°	20° to 40°	* 0° to 20°	* 20° to 40°	0°	0° to 20°	20° to 40°	* 0° to 20°	* 20° to 40°
11.0	2.2	-	-	-	-	-	-	-	-	-
12.0	2.2	-	-	-	-	1.9	-	-	-	-
13.0	2.2	-	-	-	-	1.9	-	-	-	-
14.0	2.2	-	-	-	-	1.9	-	-	-	-
15.0	2.2	-	-	-	-	1.9	-	-	-	-
16.0	2.2	-	-	-	-	1.9	-	-	-	-
18.0	2.2	2.1	-	1.3	-	1.9	1.9	-	1.3	-
20.0	2.2	2.0	-	1.2	-	1.9	1.9	-	1.2	-
22.0	2.2	2.0	1.6	1.1	0.9	1.9	1.8	1.6	1.2	0.9
24.0	2.2	1.9	1.6	1.1	0.9	1.9	1.8	1.6	1.1	0.9
26.0	2.2	1.8	1.6	1.0	0.8	1.9	1.8	1.5	1.1	0.8
28.0	2.2	1.8	1.5	1.0	0.8	1.9	1.8	1.5	1.0	0.8
30.0	2.1	1.7	1.5	0.9	0.8	1.9	1.7	1.5	1.0	0.8
32.0	2.0	1.6	1.5	0.9	0.8	1.6	1.6	1.5	0.9	0.8
34.0	1.6	1.6	1.5	0.9	0.7	1.3	1.3	1.5	0.9	0.8
36.0	1.4	1.4	1.5	0.8	0.7	1.0	1.0	1.4	0.9	0.7
38.0	1.1	1.1	1.4	0.8	0.7	0.7	0.7	1.1	0.7	0.7
40.0	0.9	0.9	1.2	0.8	0.7	-	-	0.8	-	0.7
42.0	0.7	0.7	0.9	0.7	0.7	-	-	0.6	-	0.6
44.0	-	-	0.7	-	0.7	-	-	-	-	-

* Luffing under load.

Terms used in this document

Lifting capacity	Payload plus the weight of the hook block and suspending device, in tonnes, as stated by the manufacturer.
Radius	The working radius in metres, listed down the left side of each chart.
Counterweight	The removable counterweight fitted to the superstructure. Each chart is for one counterweight total.
Outrigger spread	The width across the extended outriggers. These charts are for the 7.0 m spread.
Swingaway	The bi-fold lattice jib, 8.7 m or 15.0 m, fitted to the main boom head.
Offset	The angle of the jib relative to the main boom, 0° to 40°.
Luffing under load	Changing the jib offset with the load on the hook (columns marked *).
EN 13000	European standard for mobile cranes that the manufacturer's lifting capacities correspond to.

Not covered by the capacity charts: ask us

- Outrigger pad loads and ground bearing pressures for your site, and checks for suspended slabs, pavements and services.
- Charts for outrigger spreads other than 7.0 m.
- Which counterweight, jib, hook blocks and auxiliary hoist are fitted or available for your job, and the crane's current inspection status.

Planning a lift? Send us the details.

Load mass and dimensions, pick up and set down positions, access, ground conditions and any overhead services.

Jack 0438 461 185 **Casey 0438 060 694** **whitsundaycranes.com.au**

Capacity data in this document is transcribed from the manufacturer's product guide for the GMK4080-1. The manufacturer states that its product guide serves only as general information, and that the lifting capacity tables belonging to the crane and its operating instructions are what govern operation. If anything here differs from the tables carried with the crane, those tables apply.