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LIFT PLANNING DATA + RATED CAPACITY CHARTS

LTM 1250-5.1

250 tonne all terrain crane

For developers, engineers, builders and lift planners

250 t
Maximum rated capacity
13.1 m boom, 3 m radius, over rear

60.0 m
Main boom length
13.1 m fully retracted

88 t
Maximum counterweight
68 t standard

108 m
Maximum hoist height
with jib, manufacturer's figure

This document sets out the lifting capacities and planning data for the Liebherr LTM 1250-5.1, the 250 tonne crane we source for major projects, so you can check early whether a lift is workable: what it will pick up, at what radius, with which boom, jib and counterweight. The capacity figures are transcribed from the manufacturer's technical data for this model. Operator instructions are left out.

Sourced for your project

This crane is not part of our own fleet. Whitsunday Crane Hire brings it in when a job needs it, and plans and runs the lift with our crew. Availability, configuration and travel to site are confirmed when we quote. Use this document to plan and price a lift, not to operate the crane: the lifting capacity tables carried with the crane and its operating instructions govern operation.

CICA The Crane Industry Council of Australia

CraneSafe®

Talk to us about your lift

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WCH-LTM1250-LPD Rev A November 2026. Capacity data source: Manufacturer's technical data, Liebherr LTM 1250-5.1.
The manufacturer states that its load charts are calculated according to EN 13000.

Crane at a glance

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

Specification

Item	Value
Crane type	All terrain mobile crane, Liebherr LTM 1250-5.1. 5 axles, all steered. 10 x 8 drive optional
Maximum rated capacity	250 t at 3 m radius on the 13.1 m boom, over the rear, with 88 t counterweight
Main boom	13.1 m to 60 m. Base section plus 5 telescopic sections (TELEMATIK). Boom up to 82°
Folding jib	Swing away jib 5.4 m, 12.2 m to 22 m, 29 m and 36 m. Offset 0°, 22.5° or 45° (mechanical) or 0° to 45° (hydraulic, NZK). The 22 m double jib can be carried on the crane
Other boom systems	Telescopic boom extension 2 x 7 m. Fixed lattice jib (NZF) 8 m to 50 m, 0° to 45°. Powerful jib (S) 4 m to 46 m. Charts on request
Counterweight	68 t standard. Additional 20 t for a total of 88 t. VarioBallast: counterweight radius 4.78 m or 5.58 m
Outriggers	4 point, hydraulic. Full support base 9,308 mm long x 8,294 mm wide (VarioBase). Max supporting force 820 kN (84 t) front, 1,134 kN (116 t) rear
Slewing	360°, 0 to 1.2 rpm
Hoist	0 to 129 m/min single line. 23 mm rope, 350 m (hoist 1), 280 m (hoist 2, optional). Max single line pull 105 kN
Engine	Liebherr 6 cylinder diesel, 400 kW (544 hp). Single engine drives both carrier and crane
Axle loads	Up to 12 t on each of the 5 axles (60 t) in road travel with no counterweight on board
Tyres	10 tyres, 385/95 R25 (14.00 R25). Options 445/95 R25 (16.00 R25) and 525/80 R25 (20.5 R25)
Travel dimensions	15,958 mm long, 3,000 mm wide, 3,950 mm high (385/95 R25 tyres). Full dimensions on page 4
Standards	Load charts calculated according to EN 13000

Lifting configurations in this document

Lifting configuration	Boom (m)	Counterweight	Slewing	Max capacity (t)	Page
Main boom on outriggers	13.1 to 60	88 t	360°	**250.0**	6
Main boom on outriggers	13.1 to 60	88 t	±10° slewing range	**134.0**	6
Main boom on outriggers	13.1 to 60	68 t	360°	**134.0**	7
Main boom on outriggers	13.1 to 60	53 t	360°	**134.0**	7
Main boom on outriggers	13.1 to 60	43 t	360°	**134.0**	8
Main boom on outriggers	13.1 to 60	36 t	360°	**134.0**	8
Main boom on outriggers	13.1 to 60	16 t	360°	**134.0**	9
Main boom on outriggers	13.1 to 60	11 t	360°	**134.0**	9
Main boom on outriggers	13.1 to 60	0 t	360°	**134.0**	10
Folding jib 5.4 m	13.1 to 60	88 t	360°	**58.0**	12
Folding jib 12.2 m	13.1 to 60	88 t	360°	**20.9**	13
Folding jib 22 m	13.1 to 60	88 t	360°	**10.6**	14

Max capacity is the highest figure in that chart, gross, in tonnes. All charts are on outriggers. Jib, counterweight, hook blocks and the second hoist are equipment options: confirm with us what will be 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

- The load charts are calculated according to EN 13000.
- They allow for a wind speed of at least 9 m/s (33 km/h), with a wind area of 1 m² per tonne of load and a wind resistance coefficient of 1.2. Loads with large sail areas or higher wind resistance need the maximum wind speed reduced.
- Capacities are in metric tonnes. The weight of the hook block and hooks is part of the load: deduct it to get the payload.
- Radii are measured from the slewing centre. Telescopic boom lengths are maximum values and may vary slightly.
- Main boom capacities apply with the folding jib removed.
- Capacities above 134 t / 151 t need an additional pulley block or special equipment.
- The figures in the 13.1 m column marked * (88 t counterweight, 360° chart) are for 0° over the rear.
- The manufacturer reserves the right to modify the capacities.

General information only

The manufacturer states that its technical data serves only as general information, without warranty. Instructions for operating the crane are in the operating manual and the load chart book carried with the crane.

Hook blocks

Capacity	Sheaves	Lines	Weight
151.0 t	9	16	2.00 t
142.5 t	7	15	1.70 t
107.7 t	5	11	1.60 t
70.6 t	3	7	1.45 t
31.2 t	1	3	0.84 t
10.5 t	-	1	0.50 t

Hook block capacity, number of sheaves, lines and weight, from the manufacturer's crane data.

Hoist and boom

Item	Value
Hoist 1 and 2	0 to 129 m/min, single line
Rope	23 mm. 350 m (hoist 1), 280 m (hoist 2)
Max single line pull	105 kN
Slewing	0 to 1.2 rpm
Boom elevation	To 82° in about 55 s
Boom telescoping	13.1 to 60 m in about 440 s

Carrier

Item	Value
Travel speed	Up to 80 km/h (85 km/h on the larger tyre options)
Gradeability	Over 60% (385/95 R25), 56.5% (larger tyres), theoretical
Axle loads, jobsite	Up to 13 t per axle (62 t) with 0 t counterweight. Up to 16.5 t per axle (82 t) carrying 16 t counterweight and the folding jib

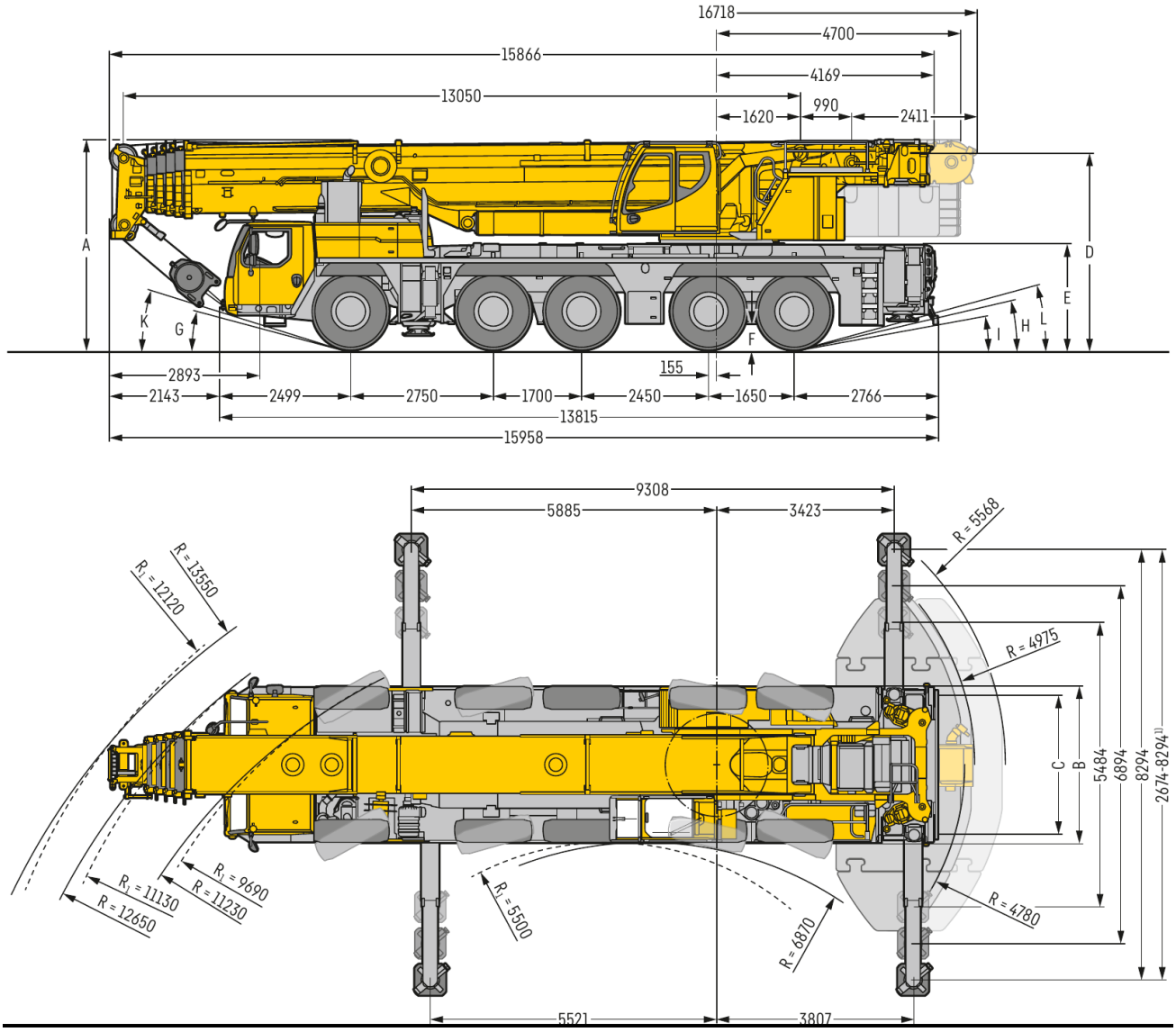
Counterweight and ballast radius

The crane carries up to 88 t of counterweight (68 t standard plus 20 t additional). The main boom charts in this document cover 88, 68, 53, 43, 36, 16, 11 and 0 t. With VarioBallast the counterweight can sit at a radius of 4.78 m or 5.58 m, and every figure in the manufacturer's charts is keyed to one of the two:

74.2 Shaded: 5.58 m ballast radius 62.1 Unshaded: 4.78 m ballast radius

Dimensions

Travel position and outrigger footprint, in millimetres.



R1 = radius with all wheels steered. 1) Only with VarioBase. Drawing from the manufacturer's technical data for the LTM 1250-5.1.

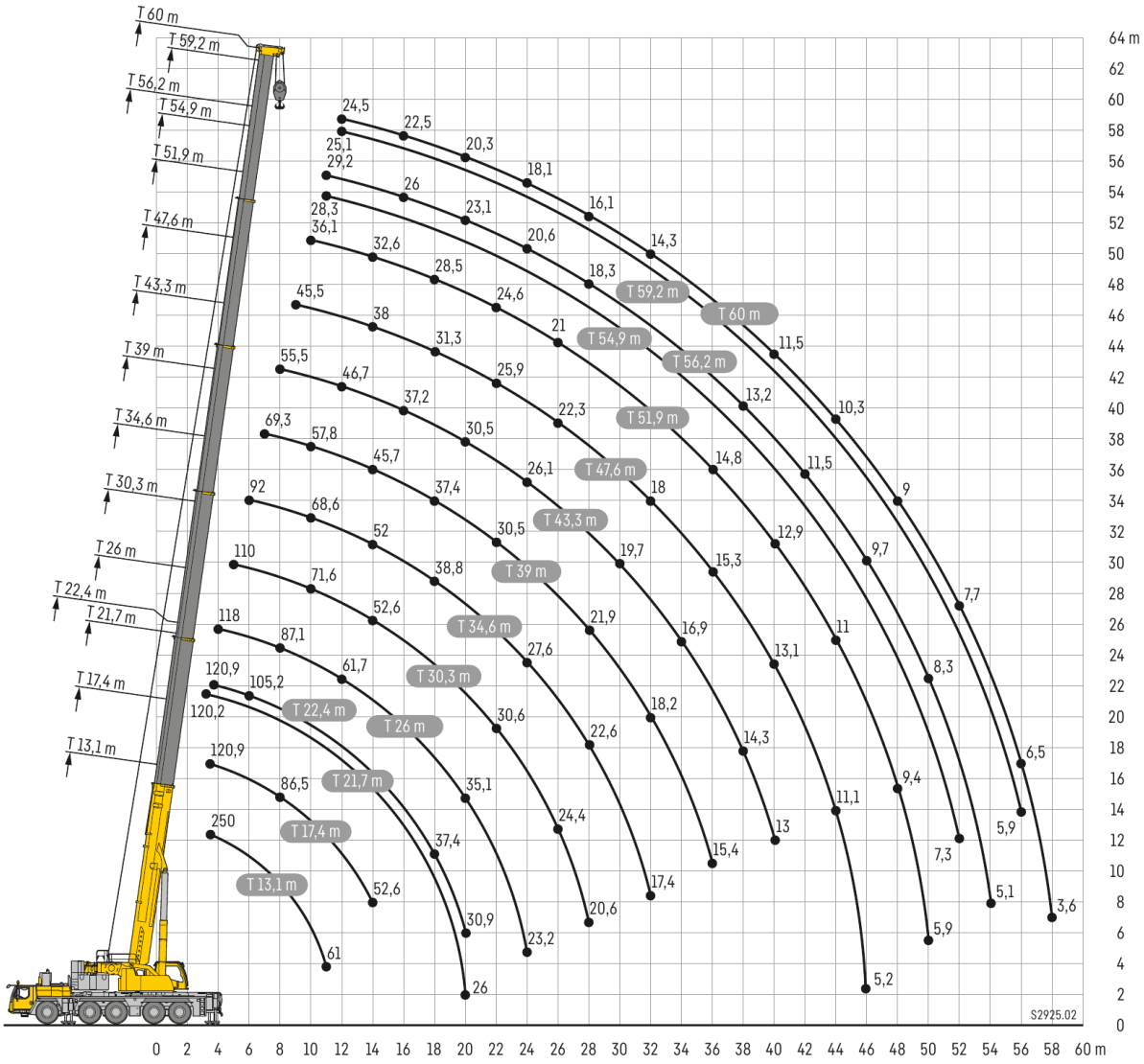
Key dimensions

Item	Value (mm)
Overall length in travel	15,958
Width / height (385/95 R25 tyres)	3,000 / 3,950 (3,825 lowered)
Width / height (445/95 R25 tyres)	3,000 / 4,000
Width / height (525/80 R25 tyres)	3,100 / 4,000
Outrigger base, full	9,308 long x 8,294 wide (6,894 and 5,484 wide also shown; 2,674 to 8,294 with VarioBase)

Height A from the manufacturer's dimension table; lowered figures are with the suspension down.

Working range, main boom

Hook height (m) against radius (m), main boom 13.1 m to 60 m.



Figures on the curves are rated capacities in tonnes. Diagram from the manufacturer's technical data for the LTM 1250-5.1.

Main boom on outriggers

Rated capacity in tonnes. Boom 13.1 m to 60 m, full outrigger base, EN 13000.

Counterweight 88 t, slewing 360°

Radius (m)	Main boom length (m)															
	13.1 *	13.1	17.4	21.7	22.4	26	30.3	34.6	39	43.3	47.6	51.9	54.9	56.2	59.2	60
3	250	134	120.9	120.2												
3.5	142.2	134	121.7	120.9	120.9											
4	140.3	134	122.7	121.6	121	118										
4.5	138.1	127.8	123.8	122.4	119.3	118.8										
5	134.7	120.2	120.3	119.6	118.3	117	110									
6	119.8	106.5	106.7	106.6	105.2	104.1	101.2	92								
7	106.5	95.3	95.9	96	93.8	96	92.5	87.8	69.3							
8	95.2	85.8	86.5	86.7	84.4	87.1	84.1	80.5	66.1	55.5						
9	84.9	78	78.7	78.7	76.5	79.4	77.3	74.2	62.1	53.6	45.5					
10	74.5	71.3	72	72.1	69.7	72.7	71.6	68.6	57.8	51.4	44.3	36.1				
11	61	61	66	66.2	64.5	66.8	66.5	63.8	54.1	49.3	42.9	35.4	28.3	29.2		
12			60.9	61.5	59.4	61.7	61.3	59.8	51.1	46.7	41.4	34.6	27.7	28.7	25.1	24.5
14			52.6	53	50.7	52.9	52.6	52	45.7	41.5	38	32.6	26.1	27.5	24.2	23.6
16				45.8	43.3	45.8	45.4	44.7	41.2	37.2	34.5	30.4	24.3	26	23	22.5
18				40	37.4	39.9	39.5	38.8	37.4	33.4	31.3	28.5	22.6	24.5	21.8	21.4
20				26	30.9	35.1	34.7	34	34.1	30.5	28.4	26.6	21	23.1	20.6	20.3
22						31	30.6	29.9	30.5	28.1	25.9	24.6	19.6	21.8	19.4	19.2
24						23.2	27.2	27.6	27.1	26.1	24	22.7	18.3	20.6	18.2	18.1
26							24.4	25	24.3	24.1	22.3	21	17.2	19.4	17.2	17
28							20.6	22.6	21.9	21.7	20.7	19.5	16.1	18.3	16.2	16.1
30								20.6	19.9	19.7	19.2	18.1	15.2	17.2	15.4	15.2
32								17.4	18.2	18.4	18	16.8	14.3	16.1	14.5	14.3
34									16.9	16.9	16.7	15.8	13.5	15.1	13.8	13.5
36									15.4	15.5	15.3	14.8	12.7	14.1	13.1	12.8
38										14.3	14	13.7	12	13.2	12.4	12.1
40										13	13.1	12.9	11.4	12.4	11.8	11.5
42											12.2	11.9	10.8	11.5	11.2	10.9
44											11.1	11	10.3	10.6	10.6	10.3
46											5.2	10.2	9.8	9.7	9.8	9.7
48												9.4	9.4	9	9.1	9
50												5.9	8.9	8.3	8.4	8.3
52													7.3	7.7	7.8	7.7
54														5.1	7.2	7.1
56															5.9	6.5
58																3.6

* 0° over rear. Shaded figures: counterweight at the 5.58 m ballast radius. Unshaded: 4.78 m ballast radius (VarioBallast), as keyed by the manufacturer.

Counterweight 88 t, slewing range ±10°

Radius (m)	Main boom length (m)														
	13.1	17.4	21.7	22.4	26	30.3	34.6	39	43.3	47.6	51.9	54.9	56.2	59.2	60
3	134	120.9	120.2												
3.5	134	121.7	120.9	120.9											
4	134	122.7	121.6	121	118										
4.5	134	123.8	122.4	119.3	118.8										
5	133.1	124.5	121.2	119	117	110									
6	119.8	115	108.9	106	104.1	101.2	92								
7	106.5	103.5	99.2	95.4	96	92.5	87.8	69.3							
8	95.2	93.6	90.6	87	87.5	84.1	80.5	66.1	55.5						
9	84.9	85.1	82.5	79.2	80.8	77.3	74.2	62.1	53.6	45.5					
10	74.5	77.7	75.8	72.3	74.5	71.6	68.6	57.8	51.4	44.3	36.1				
11	61	70.4	69.9	66.6	68.9	66.8	63.8	54.1	49.3	42.9	35.4	28.3	29.2		
12		63.9	64.1	61.1	64.1	62.1	59.8	51.1	46.7	41.4	34.6	27.7	28.7	25.1	24.5
14		53.4	54.1	52.1	54.6	54.1	52.5	45.7	41.5	38	32.6	26.1	27.5	24.2	23.6
16			47	44.5	47	46.6	45.9	41.2	37.2	34.5	30.4	24.3	26	23	22.5
18			40.8	38.5	41	40.6	39.9	37.4	33.4	31.3	28.5	22.6	24.5	21.8	21.4
20			26	30.9	36.3	35.8	35.1	34.1	30.5	28.4	26.6	21	23.1	20.6	20.3
22					32.3	31.9	31.2	31.7	28.1	25.9	24.6	19.6	21.8	19.4	19.2
24					23.2	28.7	28	28.6	26.1	24	22.7	18.3	20.6	18.2	18.1
26						25.8	25.8	25.9	24.2	22.3	21	17.2	19.4	17.2	17
28						20.6	24.2	23.5	22.6	20.7	19.5	16.1	18.3	16.2	16.1
30							22.1	21.5	21.1	19.2	18.1	15.2	17.2	15.4	15.2
32							17.4	19.5	19.3	18	16.8	14.3	16.1	14.5	14.3
34								17.8	17.6	17	15.8	13.5	15.1	13.8	13.5
36								15.4	16.6	16.1	14.9	12.7	14.1	13.1	12.8
38									15.3	15.1	13.9	12	13.2	12.4	12.1
40									13	13.9	13.1	11.4	12.4	11.8	11.5
42										12.8	12.4	10.8	11.7	11.2	10.9
44										11.2	11.8	10.3	11	10.7	10.3
46										5.2	11	9.8	10.4	10.1	9.8
48											9.5	9.4	9.7	9.6	9.3
50											5.9	9	8.9	9	8.9
52												7.3	7.9	8.4	8.3
54													5.1	7.7	7.7
56														5.9	6.5
58															3.6

Shaded figures: counterweight at the 5.58 m ballast radius. Unshaded: 4.78 m ballast radius (VarioBallast), as keyed by the manufacturer.

Main boom on outriggers

Rated capacity in tonnes. Boom 13.1 m to 60 m, full outrigger base, EN 13000.

Counterweight 68 t, slewing 360°

Radius (m)	Main boom length (m)														
	13.1	17.4	21.7	22.4	26	30.3	34.6	39	43.3	47.6	51.9	54.9	56.2	59.2	60
3	134	120.9	120.2												
3.5	134	121.7	120.9	120.9											
4	134	122.7	121.6	121	118										
4.5	127	123.6	122.4	119.3	118.8										
5	119	119.1	118.5	117.3	117	110									
6	104.9	105.1	105.3	103.6	104.1	101.2	92								
7	93.6	94.3	94.3	92.2	94.9	92.5	87.8	69.3							
8	84.1	84.9	85	82.6	85.5	84.1	80.5	66.1	55.5						
9	75.9	76.6	77.3	75.1	77.4	77	74.2	62.1	53.6	45.5					
10	68.7	69.4	70.3	68	70.3	69.8	68.5	57.8	51.4	44.3	36.1				
11	61	63.4	63.9	61.4	63.9	63.5	62.6	54.1	49.3	42.9	35.4	28.3	29.2		
12		57.5	58	55.4	58	57.6	57	51.1	46.7	41.4	34.6	27.7	28.7	25.1	24.5
14		47.6	48.1	45.3	48.1	47.7	47	45.7	41.5	38	32.6	26.1	27.5	24.2	23.6
16			40.2	38.6	40.2	39.8	39	39.4	37.2	34.5	30.4	24.3	26	23	22.5
18			34.3	32.7	34.2	33.8	34.5	33.8	33.2	31.3	28.5	22.6	24.5	21.8	21.4
20			26	28.3	29.7	29.3	29.9	29.2	29.1	28.2	26.6	21	23.1	20.6	20.3
22					26.1	26.7	26.3	25.9	25.4	25.5	24.6	19.6	21.8	19.4	19.2
24					23.2	23.8	23.3	22.9	23	22.9	22.2	18.3	20.6	18.2	18.1
26						21.4	20.9	20.6	20.7	20.3	19.8	17.2	19.4	17.2	17
28						19.3	18.8	19	18.6	18.2	18	16.1	17.7	16.2	16.1
30							17	17.2	16.7	16.6	16.4	15.2	16	15.4	15.2
32							15.7	15.6	15.2	15.1	14.8	14.3	14.4	14.3	14.2
34								14.3	14.1	13.8	13.4	13.4	13	13	13
36								13.1	13	12.6	12.2	12.3	11.8	11.8	11.7
38									11.9	11.5	11.1	11.2	10.7	10.7	10.7
40									11	10.6	10.1	10.3	9.7	9.8	9.7
42										9.7	9.3	9.4	8.8	8.9	8.8
44										9	8.5	8.6	8.1	8.1	8.1
46										5.2	7.8	7.9	7.4	7.4	7.4
48											7.2	7.3	6.7	6.8	6.7
50											5.9	6.7	6.2	6.2	6.1
52												6.2	5.6	5.7	5.6
54													5.1	5.2	5.1
56														4.8	4.7
58															3.6

Shaded figures: counterweight at the 5.58 m ballast radius. Unshaded: 4.78 m ballast radius (VarioBallast), as keyed by the manufacturer.

Counterweight 53 t, slewing 360°

Radius (m)	Main boom length (m)														
	13.1	17.4	21.7	22.4	26	30.3	34.6	39	43.3	47.6	51.9	54.9	56.2	59.2	60
3	134	120.9	120.2												
3.5	134	121.7	120.9	120.9											
4	133.7	122.7	121.6	121	118										
4.5	125.3	122.9	122.4	119.3	118.8										
5	117	117.1	117	115.4	116.2	110									
6	103	103.3	103.7	101.6	103.4	101.2	92								
7	91.3	92.1	92.1	90.2	92.7	92.3	87.8	69.3							
8	81.2	82	82.8	80.6	82.7	82.3	79.2	66.1	55.5						
9	71.8	72.8	73.7	71.3	73.8	73.3	70.6	62.1	53.6	45.5					
10	63.6	65.1	65.6	62.9	65.7	65.2	63.1	57.8	51.4	44.3	36.1				
11	55.9	57.5	58.2	55.3	58.2	57.8	56.3	54.1	49.3	42.9	35.4	28.3	29.2		
12		50.8	51.5	49.8	51.5	51.1	50.3	48.7	46.7	41.4	34.6	27.7	28.7	25.1	24.5
14		40.9	41.5	39.9	41.5	41.1	41.4	40.9	39.5	37.5	32.6	26.1	27.5	24.2	23.6
16			34.5	32.9	34.5	34.9	34.8	34.5	33.4	31.9	30.4	24.3	26	23	22.5
18			29.4	28.8	29.3	30	29.6	29.2	28.9	28.5	27.1	22.6	24.5	21.8	21.4
20			25.5	24.9	25.7	26	25.6	25.7	25.5	24.8	23.7	21	22.7	20.6	20.3
22					22.9	22.8	22.3	22.6	22.2	22	21.3	19.6	20.2	19.3	19.2
24					20.3	20.1	20.2	19.9	19.6	19.5	18.9	18.3	17.9	17.6	17.4
26						17.9	18.1	17.7	17.6	17.3	16.9	16.7	15.9	15.7	15.5
28						16.1	16.2	15.8	15.7	15.4	14.9	15	14.3	14	13.9
30							14.6	14.4	14.1	13.8	13.3	13.4	12.7	12.6	12.4
32							13.3	13	12.7	12.4	11.9	11.9	11.3	11.3	11.2
34								11.8	11.5	11.2	10.6	10.7	10.1	10.1	10
36								10.8	10.5	10.1	9.5	9.6	9	9	8.9
38									9.6	9.1	8.6	8.7	8	8.1	8
40									8.8	8.3	7.7	7.8	7.2	7.2	7.1
42										7.6	7	7.1	6.5	6.5	6.4
44										6.9	6.3	6.4	5.8	5.8	5.7
46										5.2	5.8	5.8	5.2	5.2	5.1
48											5.2	5.3	4.6	4.7	4.6
50											4.8	4.8	4.2	4.2	4.1
52												4.4	3.7	3.7	3.6
54													3.3	3.4	3.3
56														3	2.9
58															2.6

Shaded figures: counterweight at the 5.58 m ballast radius. Unshaded: 4.78 m ballast radius (VarioBallast), as keyed by the manufacturer.

Main boom on outriggers

Rated capacity in tonnes. Boom 13.1 m to 60 m, full outrigger base, EN 13000.

Counterweight 43 t, slewing 360°

Radius (m)	Main boom length (m)														
	13.1	17.4	21.7	22.4	26	30.3	34.6	39	43.3	47.6	51.9	54.9	56.2	59.2	60
3	134	120.9	120.2												
3.5	134	121.7	120.9	120.9											
4	132.5	122.7	121.6	121	118										
4.5	123.5	122.3	122.4	119.1	118.8										
5	115.3	115.4	115.4	113.9	115	109.9									
6	101	101.5	101.8	99.5	101.5	99.5	92								
7	88.6	89.4	90.1	87.9	90.1	88.3	84.3	69.3							
8	76.8	77.8	78.8	76.1	78.7	77	72	65.8	55.5						
9	66.2	67.8	68.5	65.5	68.5	66.1	62	59.1	53.6	45.5					
10	56.4	58.1	58.9	57	58.9	57.7	54.8	52.7	50.1	44.3	36.1				
11	48.9	50.5	51.2	49.5	51.2	50.8	49	47.3	45.4	42.7	35.4	28.3	29.2		
12		44.6	45.2	43.5	45.3	44.8	45.1	42.9	40.8	38.7	34.6	27.7	28.7	25.1	24.5
14		35.7	36.3	35.8	36.3	37.1	36.7	35.4	34.2	33.1	31.3	26.1	27.5	24.2	23.6
16			30.1	29.5	30.9	30.8	30.4	30.2	29.4	28.2	26.9	24.3	25.3	23	22.5
18			25.6	24.8	26.2	26.1	25.9	26	25.2	24.4	23	22.4	21.6	21.1	20.8
20			22	21.2	22.5	22.4	22.6	22.2	22	21	19.8	19.5	18.6	18.2	17.9
22					19.6	19.6	19.7	19.3	18.9	18.3	17.2	17	16.2	15.8	15.6
24					17.1	17.2	17.1	16.8	16.4	15.9	15.1	14.9	14.1	13.9	13.7
26						15.1	15.1	14.7	14.3	13.9	13.3	13.2	12.4	12.2	12
28						13.4	13.4	13	12.6	12.2	11.6	11.7	10.9	10.8	10.6
30							11.9	11.6	11.2	10.7	10.2	10.3	9.6	9.6	9.4
32							10.7	10.4	10	9.5	9	9.1	8.4	8.4	8.3
34								9.3	8.9	8.5	7.9	8	7.4	7.4	7.3
36								8.4	8	7.5	7	7.1	6.5	6.5	6.4
38									7.2	6.7	6.2	6.3	5.7	5.7	5.6
40									6.6	6	5.5	5.6	5	5	4.9
42										5.4	4.9	4.9	4.3	4.3	4.2
44										4.9	4.3	4.4	3.8	3.8	3.7
46										4.5	3.8	3.9	3.3	3.3	3.2
48											3.4	3.4	2.9	2.9	2.8
50											3.1	3.1	2.5	2.5	2.4
52												2.7	2.1	2.1	2.1
54													1.8	1.8	1.7
56														1.5	1.4
58															1.1

Shaded figures: counterweight at the 5.58 m ballast radius. Unshaded: 4.78 m ballast radius (VarioBallast), as keyed by the manufacturer.

Counterweight 36 t, slewing 360°

Radius (m)	Main boom length (m)														
	13.1	17.4	21.7	22.4	26	30.3	34.6	39	43.3	47.6	51.9	54.9	56.2	59.2	60
3	134	120.9	120.2												
3.5	134	121.7	120.9	120.9											
4	131.4	122.7	121.6	121	118										
4.5	122.3	121.8	121.7	118.5	118.8										
5	114.1	114.2	114.2	112.8	113.9	109.5									
6	99.3	100	100.1	98.7	99.9	97	91								
7	85.8	86.8	87.7	85.2	87.8	83.8	77.9	69.3							
8	73.5	75.1	75.7	72.7	74.9	70.3	66.1	62.4	55.3						
9	61.5	63.4	64	62.4	64	60.2	57	54.9	51.6	45.5					
10	52.4	54.1	54.8	53	54.8	52.5	51.3	48.8	46.2	43.2	36.1				
11	45.3	47	47.6	46	47.7	46.3	45.6	43.3	41.1	38.9	35.4	28.3	29.2		
12		41.4	42	41	42.1	42.8	40.9	38.9	37.4	36.2	33.9	27.7	28.7	25.1	24.5
14		33.1	33.7	33.1	34.5	34.5	33.5	32.8	31.3	30.2	28.8	26.1	26.8	24.2	23.6
16			27.9	27.1	28.5	28.5	28.4	27.6	26.7	25.6	24	23.5	22.5	21.8	21.5
18			23.5	22.6	24.1	23.9	24	23.6	22.8	21.7	20.4	20	19	18.5	18.3
20			19.8	19.9	20.4	20.5	20.3	19.9	19.5	18.6	17.5	17.2	16.3	15.9	15.7
22					17.4	17.6	17.4	17.1	16.7	16.1	15.1	14.9	14.1	13.8	13.5
24					15.2	15.2	15.1	14.8	14.4	13.9	13.1	13	12.2	12	11.8
26						13.3	13.2	12.9	12.5	12	11.5	11.4	10.6	10.5	10.3
28						11.8	11.7	11.3	11	10.5	9.9	10	9.3	9.2	9
30							10.4	10	9.6	9.2	8.6	8.7	8.1	8	7.9
32							9.3	8.9	8.5	8.1	7.5	7.6	7	7	6.9
34								8	7.6	7.1	6.6	6.7	6	6.1	6
36								7.2	6.8	6.3	5.7	5.8	5.2	5.2	5.1
38									6	5.6	5	5.1	4.5	4.5	4.4
40									5.4	4.9	4.4	4.4	3.8	3.9	3.8
42										4.4	3.8	3.9	3.3	3.3	3.2
44										3.9	3.3	3.4	2.9	2.9	2.8
46										3.5	3	3	2.4	2.5	2.4
48											2.5	2.6	2	2.1	2
50											2.2	2.2	1.6	1.7	1.6
52												1.9	1.3	1.3	1.2
54														1	

Shaded figures: counterweight at the 5.58 m ballast radius. Unshaded: 4.78 m ballast radius (VarioBallast), as keyed by the manufacturer.

Main boom on outriggers

Rated capacity in tonnes. Boom 13.1 m to 60 m, full outrigger base, EN 13000.

Counterweight 16 t, slewing 360°

Radius (m)	Main boom length (m)														
	13.1	17.4	21.7	22.4	26	30.3	34.6	39	43.3	47.6	51.9	54.9	56.2	59.2	60
3	134	120.9	120.2												
3.5	134	121.7	120.9	120.9											
4	128.8	122.7	121.6	121	118										
4.5	118.8	118.6	118.9	117	113.8										
5	109.3	109.5	108	104.5	98.7	92.4									
6	89.7	89.8	84.3	80	77.7	71.3	66.2								
7	70.1	70.7	66.5	62.8	62.2	59.5	55.4	51.5							
8	55.8	57.3	54.6	53	52.5	49.5	46	44.2	41.5						
9	45.9	47.4	45.6	44.1	44.3	41.7	40.1	37.9	35.8	33.7					
10	38.3	39.8	38.9	37.2	37.8	36.2	34.6	32.9	31.1	29.4	27.5				
11	31.4	33.6	33.5	33.2	32.8	31.6	30.3	28.8	27.3	25.8	24.2	23.7	22.6		
12		28.4	29.3	29.3	28.9	27.9	26.9	25.6	24.2	22.9	21.4	21	19.9	19.1	18.8
14		21.1	22.2	22.4	22.7	22.3	21.5	20.5	19.5	18.4	17.1	16.8	15.8	15.2	15
16			17.4	17.6	17.9	18	17.6	16.9	16	15	14	13.7	12.7	12.3	12.1
18			14	14.1	14.5	14.5	14.4	14	13.3	12.5	11.5	11.3	10.4	10.1	9.9
20			11.5	11.6	12	12	11.9	11.5	11.1	10.4	9.5	9.4	8.6	8.3	8.1
22					10	10	9.9	9.6	9.2	8.7	7.9	7.8	7	6.8	6.7
24					8.5	8.5	8.3	8	7.6	7.2	6.6	6.5	5.8	5.6	5.5
26						7.2	7.1	6.8	6.4	5.9	5.4	5.4	4.7	4.6	4.5
28						6.2	6	5.7	5.3	4.9	4.3	4.4	3.8	3.7	3.6
30							5.2	4.8	4.4	4	3.5	3.6	3	3	2.8
32							4.5	4.1	3.7	3.3	2.8	2.9	2.3	2.3	2.2
34								3.5	3.1	2.7	2.3	2.4	1.7	1.7	1.5
36								3	2.7	2.3	1.8	1.9			
38									2.2	1.8	1.2	1.4			
40									1.8	1.3					

Shaded figures: counterweight at the 5.58 m ballast radius. Unshaded: 4.78 m ballast radius (VarioBallast), as keyed by the manufacturer.

Counterweight 11 t, slewing 360°

Radius (m)	Main boom length (m)														
	13.1	17.4	21.7	22.4	26	30.3	34.6	39	43.3	47.6	51.9	54.9	56.2	59.2	60
3	134	120.9	120.2												
3.5	134	121.7	120.9	120.9											
4	128.4	122.7	121.6	121	118										
4.5	118.1	118.3	118.2	112.8	105.9										
5	107.9	108.1	100.2	95.2	92.6	84.3									
6	86.1	82.9	76.8	72.6	70.8	66.4	61.8								
7	65.5	64.3	60.4	58.7	57.1	53.9	49.7	46.9							
8	52	51.4	48.9	47.1	47.1	44.1	42.1	39.7	37.1						
9	42.4	42	40.7	39.2	39.4	37.5	35.7	33.7	31.7	29.8					
10	33.6	35.1	34.4	34.3	33.5	32.2	30.7	29.1	27.4	25.8	24.1				
11	27.4	29.6	29.6	29.6	29	28	26.8	25.4	24	22.6	21.1	20.7	19.6		
12		25	25.8	25.7	25.5	24.6	23.7	22.5	21.2	20	18.6	18.2	17.2	16.5	16.2
14		18.4	19.4	19.5	19.9	19.5	18.8	17.9	16.9	15.9	14.7	14.4	13.5	13	12.7
16			15.1	15.2	15.6	15.6	15.3	14.6	13.7	12.8	11.8	11.6	10.7	10.4	10.1
18			12	12.1	12.5	12.5	12.4	12	11.3	10.5	9.6	9.5	8.6	8.3	8.2
20			9.7	9.8	10.2	10.2	10.1	9.8	9.4	8.7	7.8	7.7	7	6.7	6.6
22					8.5	8.5	8.4	8	7.6	7.2	6.4	6.3	5.6	5.4	5.2
24					7.1	7.1	6.9	6.6	6.2	5.8	5.2	5.2	4.4	4.3	4.2
26						5.9	5.8	5.5	5.1	4.7	4.1	4.2	3.5	3.4	3.3
28						5	4.8	4.5	4.2	3.7	3.2	3.3	2.6	2.6	2.5
30							4.1	3.7	3.4	3	2.5	2.6	1.8	1.9	1.7
32							3.5	3.1	2.8	2.4	1.9	2	1	1.1	
34								2.7	2.3	1.9	1.2	1.4			
36								2.2	1.9	1.4					
38									1.4						

Shaded figures: counterweight at the 5.58 m ballast radius. Unshaded: 4.78 m ballast radius (VarioBallast), as keyed by the manufacturer.

Main boom on outriggers

Rated capacity in tonnes. Boom 13.1 m to 60 m, full outrigger base, EN 13000.

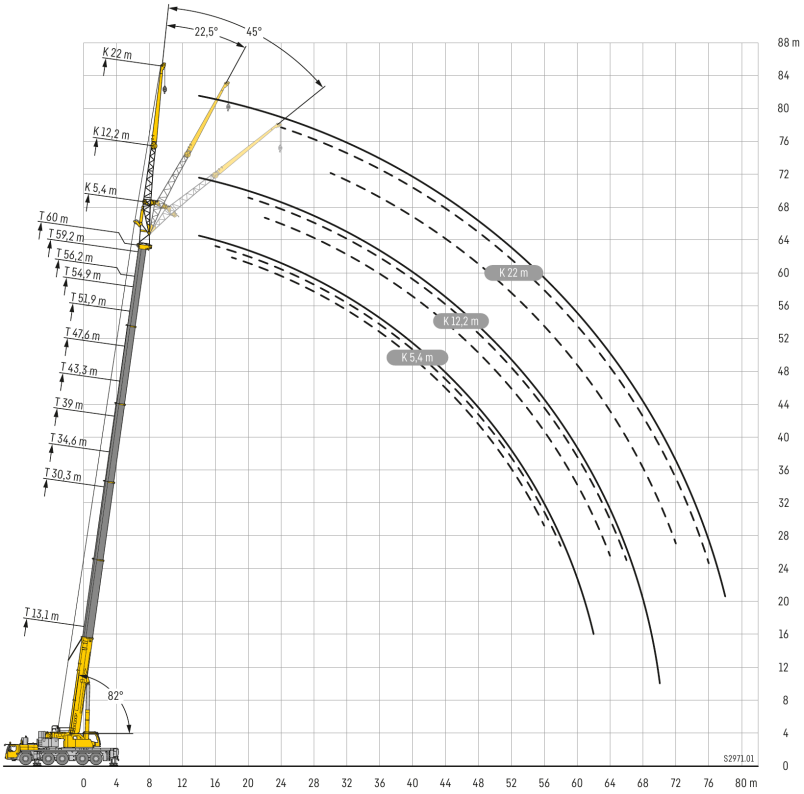
Counterweight 0 t, slewing 360°

Radius (m)	Main boom length (m)														
	13.1	17.4	21.7	22.4	26	30.3	34.6	39	43.3	47.6	51.9	54.9	56.2	59.2	60
3	134	120.9	120.2												
3.5	134	121.7	120.9	120.9											
4	125.2	121.6	109.2	105.9	99.1										
4.5	112	101.5	92.4	86.9	82.2										
5	93.7	84.8	76.8	73.6	69.5	63.8									
6	63.5	59.6	55.3	52.7	51.5	47.5	43.9								
7	45.3	43.9	41.7	41.4	39.7	37.1	34.7	32.2							
8	34.3	34.1	33.1	32.8	31.8	30.1	28.3	26.5	24.6						
9	27.1	27.3	26.9	26.9	26.3	25	23.7	22.2	20.7	19.1					
10	21.1	22.5	22.4	22.4	22.1	21.1	20.1	18.9	17.6	16.3	14.9				
11	16.7	18.8	18.9	19	18.8	18.1	17.3	16.2	15.1	14	12.7	12.5	11.5		
12		15.6	16.2	16.3	16.3	15.7	15.1	14.1	13.1	12.1	10.9	10.8	9.8	9.4	9.2
14		10.9	11.9	12	12.4	12.1	11.6	10.8	10	9.2	8.2	8.1	7.2	6.9	6.7
16			8.8	8.9	9.4	9.4	9.1	8.5	7.8	7	6.1	6.1	5.2	5.1	4.9
18			6.6	6.8	7.2	7.2	7.1	6.6	6	5.3	4.5	4.6	3.7	3.7	3.5
20			5.1	5.2	5.5	5.6	5.5	5.2	4.6	4	3.2	3.3	2.4	2.4	2.2
22					4.3	4.3	4.2	3.9	3.5	2.9	2.1	2.3	1.2		1
24					3.4	3.3	3.2	3	2.6	1.9		1.1			
26						2.6	2.5	2.3	1.7						
28						2	2	1.6							
30							1.2								

Shaded figures: counterweight at the 5.58 m ballast radius. Unshaded: 4.78 m ballast radius (VarioBallast), as keyed by the manufacturer.

Folding jib

Working range and jib options.



Hook height (m) against radius (m). Diagram from the manufacturer's technical data for the LTM 1250-5.1.

Jib options

- Swing away jib 5.4 m, 12.2 m to 22 m, 29 m and 36 m.
- Mechanical offset 0°, 22.5° or 45°, or hydraulic offset 0° to 45° (NZK).
- The 22 m double swing away jib can be carried on the crane. The 29 m and 36 m lengths use 7 m jib extensions.
- The charts that follow are for the 5.4 m, 12.2 m and 22 m jib on the 13.1 m to 60 m main boom, 88 t counterweight, slewing 360°.
- Charts for 19.2 m, 26.2 m, 29 m and 36 m jibs, the 2 x 7 m boom extension, the fixed lattice jib (NZF) and the powerful jib (S) are available on request.

Folding jib 5.4 m

Rated capacity in tonnes by jib offset. Counterweight 88 t, full outrigger base, slewing 360°, EN 13000.

Main boom 13.1 m to 47.6 m, jib 5.4 m

Radius (m)	Boom 13.1 m			Boom 30.3 m			Boom 34.6 m			Boom 39 m			Boom 43.3 m			Boom 47.6 m		
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°
3	58																	
3.5	58																	
4	57.5	42.2																
4.5	55.1	40.9																
5	52.6	39.6	34															
6	48.3	37.1	32.4	52.7														
7	43.7	35	30.9	50.9	39.9		49.5											
8	41	33.2	29.8	49.1	38.8	33.2	48.1	38.9		44.6								
9	37.8	31.4	28.9	47.4	37.7	32.5	46.8	37.9	32.8	43.8	36.9		39.2					
10	35.3	30.1	27.8	45.8	36.7	32	45.5	37	32.3	42.9	36.2	32	38.8	34.6		33.6		
11	33.6	28.7	26.8	44.3	35.8	31.4	44.3	36.2	31.8	42.1	35.5	31.6	38.3	34.1		33.5		
12	31.3	27	25.7	42.9	35	30.9	43.1	35.4	31.3	41.2	34.8	31.1	37.8	33.6	30.8	33.1	31.1	
14	26.8	24.1	20.2	40.2	33.3	29.9	40.7	33.9	30.5	39.3	33.5	30.3	36.3	32.5	30	31.4	30.3	28.6
16	23.6	22.3	3.1	37.9	32	29	38.6	32.6	29.6	36	32.3	29.7	33.3	31.5	29.4	29.4	28.8	28.1
18				35.7	30.7	28	36.7	31.4	28.9	32.5	31.1	29	30.2	30	28.8	27.3	26.8	26.5
20				33.6	29.5	27	34	30.5	28	29.3	29	28.1	27.4	27.5	27.3	25.2	25	24.7
22				30.5	27.9	26	29.9	29.4	27.1	26.6	26.6	26.7	24.9	25	25.1	23.3	23.3	23.2
24				27.1	26.4	25.1	26.4	26.7	26.3	24.2	24.2	24.4	22.8	22.9	23	21.4	21.5	21.6
26				24.3	24.4	24.4	23.6	23.8	24	22.1	22.2	22.4	20.9	21	21.1	19.7	19.9	20
28				21.9	22	12.7	21.2	21.4	21.5	20.4	20.4	20.5	19.2	19.3	19.4	18.2	18.3	18.5
30				19.9	20	6.4	19.2	19.4	19.4	18.5	18.7	18.8	17.8	17.8	17.9	16.8	16.9	17.1
32				18	18.2		17.4	17.5	10.4	16.6	16.8	16.9	16.7	16.6	16.6	15.6	15.7	15.8
34				10.4			15.8	15.9	5.9	15	15.2	15	15.5	15.6	15.7	14.4	14.5	14.6
36							14.4	14.5		13.7	13.8	9.1	14.1	14.2	14.3	13.4	13.5	13.6
38							9.7			12.4	12.5	5.8	12.8	13	13	12.5	12.5	12.5
40										11.3	11.4		11.7	11.8	8.2	11.8	11.8	11.9
42										8.5			10.7	10.8	5.6	10.9	11	10.8
44													9.9	9.9		10	10.1	7.6
46													8.6			9.2	9.2	
48																8.5	8.5	
50																7.4		

Columns are jib offset angles. Shaded figures: counterweight at the 5.58 m ballast radius. Unshaded: 4.78 m ballast radius (VarioBallast), as keyed by the manufacturer.

Main boom 51.9 m to 60 m, jib 5.4 m

Radius (m)	Boom 51.9 m			Boom 54.9 m			Boom 56.2 m			Boom 59.2 m			Boom 60 m		
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°
11	27.5														
12	27.1			21.5			22.5								
14	26	25.5	25.3	20.8	20.4		21.8	21.5		18.5			18.1		
16	24.7	24.2	24	19.9	19.5	19.3	20.9	20.6	20.5	18.1	17.8	17.8	17.7	17.5	
18	23.3	22.8	22.6	18.9	18.4	18.2	19.9	19.6	19.5	17.5	17.3	17.2	17.2	17	17
20	22	21.5	21.3	17.7	17.3	17.2	18.8	18.5	18.5	16.7	16.6	16.5	16.5	16.3	16.4
22	20.7	20.3	20.2	16.6	16.3	16.2	17.8	17.5	17.5	16	15.8	15.7	15.8	15.6	15.6
24	19.5	19.2	19.1	15.6	15.4	15.3	16.9	16.6	16.6	15.1	15	14.9	15	14.9	14.8
26	18.4	18.1	18	14.6	14.4	14.4	16	15.8	15.8	14.3	14.2	14.2	14.2	14.1	14.1
28	17.2	17	17	13.7	13.6	13.6	15.2	15	15	13.5	13.4	13.5	13.5	13.4	13.4
30	16.1	16	16.1	12.8	12.8	12.8	14.4	14.2	14.2	12.8	12.7	12.7	12.8	12.7	12.7
32	15	15.1	15.1	12.1	12	12.1	13.7	13.6	13.6	12.1	12.1	12.1	12.1	12	12.1
34	14	14.1	14.2	11.4	11.3	11.4	13	12.9	13	11.5	11.4	11.5	11.5	11.4	11.5
36	13	13.1	13.2	10.7	10.7	10.7	12.4	12.3	12.4	10.9	10.9	10.9	10.9	10.9	10.9
38	12.2	12.3	12.3	10.1	10.1	10.2	11.7	11.7	11.8	10.4	10.3	10.4	10.4	10.3	10.4
40	11.4	11.4	11.5	9.6	9.6	9.6	11.1	11.1	11.2	9.9	9.8	9.9	9.8	9.8	9.9
42	10.4	10.6	10.6	9.1	9.1	9.1	10.4	10.5	10.6	9.4	9.4	9.4	9.3	9.3	9.4
44	9.8	9.8	9.9	8.6	8.6	8.7	9.7	9.8	9.9	8.9	8.9	9	8.8	8.8	8.9
46	9.4	9.4	9.4	8.1	8.2	8.2	9	9.1	9.1	8.5	8.5	8.6	8.3	8.4	8.4
48	8.8	8.8	7.1	7.7	7.8	7.8	8.2	8.3	8.4	8.1	8.1	8.2	7.9	7.9	8
50	8.1	8.1		7.3	7.4	7.3	7.6	7.6	7.7	7.7	7.7	7.8	7.5	7.5	7.6
52	7.5	7.5		7	7	5.8	6.9	7	6.7	7	7.1	7.1	7	7.1	7.1
54	6			6.7	6.7		6.4	6.4		6.5	6.5	6.5	6.4	6.5	6.5
56				6.2			5.9	5.9		5.9	6	5.7	5.9	5.9	5.9
58				3.8			4.7			5.4	5.5		5.4	5.4	
60										4.9			4.9		
62										3			3.6		

Columns are jib offset angles. Shaded figures: counterweight at the 5.58 m ballast radius. Unshaded: 4.78 m ballast radius (VarioBallast), as keyed by the manufacturer.

Folding jib 12.2 m

Rated capacity in tonnes by jib offset. Counterweight 88 t, full outrigger base, slewing 360°, EN 13000.

Main boom 13.1 m to 47.6 m, jib 12.2 m

Radius (m)	Boom 13.1 m			Boom 30.3 m			Boom 34.6 m			Boom 39 m			Boom 43.3 m			Boom 47.6 m		
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°
3	20.9																	
3.5	20.9																	
4	20.9																	
4.5	20.9																	
5	20.9			20.9														
6	20.9			20.9			20.9											
7	20.9	20.6		20.9			20.9			20.9								
8	20.9	19.2		20.9			20.9			20.9			20.9					
9	20.9	17.9		20.9			20.9			20.9			20.9					
10	20.5	16.8	12.8	20.9	20.6		20.9			20.9			20.9			20.7		
11	19.5	15.8	12.4	20.9	19.8		20.9	20		20.9			20.9			20.5		
12	18.5	15	11.9	20.9	19		20.9	19.4		20.9	19.1		20.9			20.3		
14	16.4	13.6	11.3	20.9	17.5	12.5	20.9	18	12.6	20.9	18.1		20.9	17.6		19.8		
16	14.2	12.4	10.7	20.9	16.3	12	20.9	16.8	12.2	20.8	17	12.2	20.8	16.8	12.2	19.1	16.1	
18	12.5	11.4	10.4	20.4	15.3	11.6	20.6	15.8	11.8	20.5	16.1	11.9	19.9	16	11.9	18.5	15.3	11.8
20	11.1	10.6	10.3	19.2	14.4	11.3	19.8	14.9	11.4	19.7	15.2	11.5	19	15.2	11.6	17.8	14.7	11.5
22	9.9	9.9	3.9	18	13.6	11	18.6	14.1	11.1	18.7	14.5	11.2	18.2	14.4	11.3	17.1	14	11.3
24				16.8	12.9	10.7	17.5	13.5	10.9	17.7	13.8	11	17.4	13.8	11	16.5	13.5	11
26				15.4	12.3	10.6	16.5	12.9	10.7	16.8	13.1	10.8	16.6	13.2	10.8	15.9	12.9	10.8
28				14.2	11.8	10.4	15.5	12.3	10.5	15.9	12.6	10.6	15.9	12.6	10.7	15.3	12.4	10.7
30				13.1	11.2	10.3	14.4	11.7	10.4	15	12	10.5	15.2	12.2	10.5	14.8	12	10.5
32				12.1	10.8	10.3	13.4	11.3	10.3	14.2	11.6	10.4	14.4	11.7	10.4	14.2	11.6	10.4
34				11.3	10.4	10.3	12.5	10.8	10.3	13.4	11.1	10.3	13.7	11.3	10.3	13.5	11.2	10.2
36				10.6	10.1	7.7	11.8	10.5	10.2	12.7	10.7	10.2	13	10.9	10.2	12.9	10.9	10.1
38				10	9.8		11.1	10.1	9	12	10.4	10.1	12.4	10.6	10	12.2	10.6	10
40				9.4			10.4	9.9	7.6	11.3	10.1	10.1	11.7	10.3	10	11.4	10.3	9.9
42							9.9	9.7		10.8	9.9	7.1	11.2	10	9.9	10.6	10.1	9.8
44							9.2			10.1	9.7	6.4	10.3	9.8	9.9	9.8	9.8	9.8
46										9.3	9.5		9.5	9.6	7.9	9.1	9.3	9.4
48										7.4			8.8	9	7.2	8.7	8.7	7.8
50													8.1	8.3		8.2	8.3	6.6
52													6.6	7.4		7.5	7.7	6.1
54																7	7.1	
56																6.2	6.3	
58																3.2		

Columns are jib offset angles. Shaded figures: counterweight at the 5.58 m ballast radius. Unshaded: 4.78 m ballast radius (VarioBallast), as keyed by the manufacturer.

Main boom 51.9 m to 60 m, jib 12.2 m

Radius (m)	Boom 51.9 m			Boom 54.9 m			Boom 56.2 m			Boom 59.2 m			Boom 60 m		
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°
11	17.9														
12	17.7			15			15.2								
14	17.3			14.8			15			13.5			13.2		
16	17	15		14.6			14.8			13.3			13.1		
18	16.6	14.4		14.4	13		14.5	13.2		13.2			12.9		
20	16.1	13.8	11.4	14.1	12.6	11.1	14.3	12.8		13.1	12		12.8	11.9	
22	15.7	13.3	11.2	13.7	12.3	10.8	14	12.4	10.9	12.9	11.7	10.5	12.7	11.6	10.5
24	15.3	12.9	10.9	13.1	11.9	10.6	13.7	12	10.7	12.5	11.4	10.3	12.4	11.3	10.3
26	14.8	12.4	10.8	12.5	11.5	10.4	13.2	11.7	10.4	12.1	11.1	10.1	12	11	10.1
28	14.4	12	10.6	11.8	11.1	10.2	12.7	11.3	10.2	11.6	10.9	10	11.5	10.8	9.9
30	13.8	11.6	10.4	11.2	10.7	10	12.1	11.1	10.1	11	10.5	9.8	11	10.5	9.8
32	13.2	11.3	10.2	10.6	10.2	9.8	11.5	10.8	9.9	10.5	10.2	9.7	10.5	10.1	9.6
34	12.6	11	10.1	10.1	9.8	9.6	11	10.4	9.8	10	9.7	9.5	10	9.7	9.4
36	12	10.7	9.9	9.5	9.3	9.2	10.5	10.1	9.7	9.6	9.3	9.2	9.5	9.3	9.2
38	11.4	10.4	9.8	9	8.9	8.9	10	9.7	9.5	9.1	9	8.9	9.1	8.9	8.9
40	10.9	10.2	9.7	8.5	8.5	8.5	9.6	9.4	9.3	8.6	8.6	8.6	8.6	8.6	8.6
42	10.2	9.9	9.7	8.1	8.1	8.2	9.2	9	9	8.2	8.2	8.2	8.2	8.2	8.2
44	9.6	9.6	9.6	7.7	7.7	7.8	8.8	8.7	8.7	7.9	7.8	7.9	7.9	7.8	7.9
46	9	9.2	9.3	7.3	7.3	7.4	8.5	8.4	8.4	7.5	7.5	7.6	7.5	7.5	7.6
48	8.3	8.6	8.8	6.9	7	7.1	8.1	8	8.1	7.2	7.1	7.2	7.2	7.2	7.3
50	7.6	7.9	8.1	6.6	6.6	6.7	7.7	7.7	7.9	6.8	6.8	6.9	6.8	6.8	7
52	7.2	7.3	7.2	6.3	6.3	6.4	7.2	7.4	7.5	6.5	6.5	6.6	6.5	6.6	6.7
54	6.9	7	5.6	6	6.1	6.2	6.6	6.9	7	6.2	6.3	6.4	6.2	6.3	6.4
56	6.6	6.7	5.3	5.7	5.8	4.7	6.1	6.3	5.5	6	6	6.1	5.9	6	6.1
58	6.1	6.3		5.5	5.5	3.5	5.6	5.8	4.4	5.6	5.8	5.8	5.5	5.7	5.8
60	5.2			5.2	5.3		5.1	5.3	4	5.1	5.3	3.9	5	5.3	4.8
62	2.9			5	5.1		4.7	4.9	3.5	4.7	4.9	3.4	4.6	4.8	3.5
64				3.6			3.9	4.4		4.3	4.5		4.2	4.4	3
66							2.2			3.9	4.1		3.9	4	
68										2.7			3		
70													1.3		

Columns are jib offset angles. Shaded figures: counterweight at the 5.58 m ballast radius. Unshaded: 4.78 m ballast radius (VarioBallast), as keyed by the manufacturer.

Folding jib 22 m

Rated capacity in tonnes by jib offset. Counterweight 88 t, full outrigger base, slewing 360°, EN 13000.

Main boom 13.1 m to 47.6 m, jib 22 m

Radius (m)	Boom 13.1 m			Boom 30.3 m			Boom 34.6 m			Boom 39 m			Boom 43.3 m			Boom 47.6 m		
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°
4	10.6																	
4.5	10.6																	
5	10.6																	
6	10.5																	
7	10.2			10.5														
8	9.9			10.5			10.3											
9	9.6			10.5			10.3			9.1			8.8					
10	9.3			10.4			10.3			9.1			8.8			8.3		
11	8.9			10.2			10.1			9.1			8.8			8.3		
12	8.6			10			10			9.1			8.8			8.3		
14	7.8	6.6		9.6			9.6			8.9			8.7			8.3		
16	7.2	6.2		9.2	7		9.2	7		8.7			8.5			8.2		
18	6.6	5.7		8.7	6.6		8.8	6.7		8.4	6.9		8.2	6.8		8		
20	6.1	5.4	4.7	8.2	6.3		8.4	6.4		8.1	6.6		8	6.6		7.8	6.4	
22	5.7	5.1	4.6	7.8	6	4.9	8	6.1	4.9	7.9	6.4		7.8	6.3		7.5	6.2	
24	5.3	4.8	4.4	7.3	5.8	4.8	7.6	5.8	4.8	7.6	6.1	5	7.5	6.1	5	7.3	6	
26	4.9	4.6	4.3	6.9	5.5	4.6	7.2	5.6	4.7	7.3	5.9	4.9	7.3	5.9	4.9	7.1	5.8	4.8
28	4.5	4.5	4.3	6.6	5.3	4.6	6.8	5.4	4.6	7.1	5.7	4.8	7.1	5.7	4.8	6.9	5.7	4.7
30	4.2	4.3	4.3	6.2	5.1	4.5	6.5	5.2	4.5	6.8	5.5	4.7	6.8	5.5	4.7	6.7	5.5	4.6
32	3.9	4.1		5.9	5	4.4	6.2	5.1	4.4	6.5	5.3	4.6	6.6	5.4	4.6	6.5	5.4	4.6
34				5.6	4.8	4.4	5.9	4.9	4.3	6.3	5.2	4.5	6.3	5.2	4.5	6.3	5.2	4.5
36				5.4	4.7	4.3	5.6	4.8	4.3	6	5.1	4.5	6.1	5.1	4.5	6.1	5.1	4.5
38				5.1	4.6	4.3	5.4	4.6	4.3	5.8	4.9	4.5	5.9	5	4.4	5.9	5	4.4
40				4.9	4.5	4.3	5.2	4.5	4.3	5.6	4.8	4.4	5.7	4.9	4.4	5.7	4.9	4.4
42				4.6	4.4	4.3	5	4.4	4.3	5.4	4.7	4.4	5.5	4.8	4.4	5.5	4.8	4.4
44				4.4	4.3	4.3	4.7	4.4	4.3	5.2	4.6	4.4	5.3	4.7	4.4	5.4	4.7	4.3
46				4.1	4.3	4.3	4.5	4.3	4.3	5	4.6	4.4	5.1	4.6	4.4	5.2	4.6	4.3
48				4	4.3		4.3	4.3	4.3	4.9	4.5	4.4	5	4.5	4.4	5.1	4.5	4.3
50				3.8			4.1	4.3	4.3	4.7	4.4	4.4	4.9	4.5	4.4	4.9	4.5	4.3
52							3.9	4.3		4.6	4.4	4.4	4.7	4.4	4.4	4.8	4.4	4.3
54							3.8	4.3		4.4	4.4	4.4	4.6	4.4	4.4	4.7	4.4	4.3
56										4.3	4.4		4.5	4.4	4.4	4.6	4.3	4.3
58										4.1	4.4		4.3	4.4	4.4	4.5	4.3	4.3
60													4.2	4.4		4.4	4.3	4.3
62													4.1			4.3	4.3	4.3
64																4.2	4.3	
66																4.1		

Columns are jib offset angles. Shaded figures: counterweight at the 5.58 m ballast radius. Unshaded: 4.78 m ballast radius (VarioBallast), as keyed by the manufacturer.

Main boom 51.9 m to 60 m, jib 22 m

Radius (m)	Boom 51.9 m			Boom 54.9 m			Boom 56.2 m			Boom 59.2 m			Boom 60 m		
	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°	0°	22.5°	45°
12	7.7														
14	7.7			6.9			7			6.5			6.4		
16	7.7			6.9			7			6.5			6.4		
18	7.5			6.9			6.9			6.5			6.4		
20	7.4			6.8			6.9			6.5			6.4		
22	7.2	6.1		6.7	5.8		6.7	5.8		6.4			6.3		
24	7	5.9		6.5	5.6		6.6	5.7		6.3	5.5		6.2	5.5	
26	6.9	5.7		6.4	5.5		6.5	5.5		6.2	5.4		6.1	5.3	
28	6.7	5.6	4.7	6.3	5.3	4.6	6.3	5.4	4.6	6.1	5.2		6	5.2	
30	6.5	5.4	4.6	6.1	5.2	4.5	6.2	5.2	4.5	6	5.1	4.4	5.9	5.1	4.4
32	6.3	5.3	4.5	6	5.1	4.4	6.1	5.1	4.5	5.8	5	4.4	5.8	5	4.4
34	6.2	5.1	4.5	5.8	5	4.4	5.9	5	4.4	5.7	4.9	4.4	5.7	4.9	4.3
36	6	5	4.4	5.7	4.9	4.4	5.8	4.9	4.4	5.6	4.8	4.3	5.6	4.8	4.3
38	5.8	4.9	4.4	5.6	4.8	4.3	5.6	4.8	4.3	5.5	4.7	4.3	5.4	4.7	4.3
40	5.6	4.8	4.3	5.4	4.7	4.3	5.5	4.7	4.3	5.3	4.6	4.2	5.3	4.6	4.2
42	5.5	4.7	4.3	5.3	4.6	4.3	5.3	4.6	4.3	5.2	4.6	4.2	5.2	4.6	4.2
44	5.3	4.6	4.3	5.2	4.5	4.3	5.2	4.6	4.2	5.1	4.5	4.2	5.1	4.5	4.2
46	5.2	4.6	4.3	5	4.5	4.3	5.1	4.5	4.2	5	4.4	4.2	5	4.4	4.2
48	5.1	4.5	4.3	4.9	4.4	4.3	5	4.4	4.2	4.9	4.4	4.2	4.9	4.4	4.2
50	4.9	4.4	4.3	4.8	4.4	4.3	4.9	4.4	4.2	4.8	4.3	4.2	4.8	4.3	4.2
52	4.8	4.4	4.3	4.7	4.3	4.3	4.8	4.3	4.2	4.7	4.3	4.2	4.7	4.3	4.2
54	4.7	4.4	4.3	4.6	4.3	4.3	4.7	4.3	4.2	4.6	4.3	4.2	4.6	4.2	4.2
56	4.6	4.3	4.3	4.5	4.3	4.3	4.6	4.3	4.2	4.5	4.2	4.2	4.5	4.2	4.2
58	4.5	4.3	4.3	4.5	4.2	4.3	4.5	4.2	4.2	4.5	4.2	4.2	4.4	4.2	4.2
60	4.4	4.3	4.3	4.4	4.2	4.3	4.4	4.2	4.2	4.4	4.2	4.2	4.4	4.2	4.2
62	4.4	4.3	4.3	4.3	4.2	4.3	4.4	4.2	4.2	4.3	4.2	4.2	4.3	4.2	4.2
64	4.3	4.3	4.3	4.1	4.2	4.3	4.3	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
66	4.2	4.3	4.3	4	4.1	4.2	4.2	4.2	4.2	4.1	4.2	4.2	4.1	4.1	4.2
68	4.1	4.3		3.8	3.9	4	4	4.2	4.2	3.9	4.1	4.2	3.9	4.1	4.2
70	3.5			3.7	3.8		3.7	3.9	3.9	3.7	3.9	4	3.6	3.9	3.9
72	1.5			3.4	3.6		3.4	3.6		3.4	3.6	3.6	3.3	3.5	3.5
74				2.3			2.6			3.1	3.3		3.1	3.2	
76							1			2.6	3		2.7	3	
78										1.6			1.9		

Columns are jib offset angles. Shaded figures: counterweight at the 5.58 m ballast radius. Unshaded: 4.78 m ballast radius (VarioBallast), as keyed by the manufacturer.

Terms used in this document

Lifting capacity	The load the crane can lift at that radius, in tonnes, including the hook block and hooks, as stated by the manufacturer.
Radius	Horizontal distance from the slewing centre to the centre of the hook.
Counterweight	The removable counterweight on the superstructure. Each chart is for one counterweight total.
Ballast radius	How far the counterweight sits from the slewing centre: 4.78 m or 5.58 m with VarioBallast.
Folding jib (K / NZK)	The swing away lattice jib fitted to the main boom head, set at 0°, 22.5° or 45° (K) or hydraulically 0° to 45° (NZK).
Offset	The angle of the jib relative to the main boom.
EN 13000	European standard for mobile cranes that the manufacturer's load charts are calculated to.

Not covered here: ask us

- Outrigger pad loads and ground bearing pressures for your site, and checks for suspended slabs, pavements and services.
- Charts for reduced outrigger bases (VarioBase), the longer jib combinations, the boom extension, the fixed lattice jib and the powerful jib.
- Availability for your dates, the counterweight, jib and hook blocks that will come with the crane, travel to site and the crane's current inspection status.

Planning a big 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 technical data for the LTM 1250-5.1. The manufacturer states that this data serves only as general information, and that the operating manual and the load chart book carried with the crane are what govern operation. If anything here differs from the tables carried with the crane, those tables apply.