

MK 140-5.1 Mobile Tower Crane

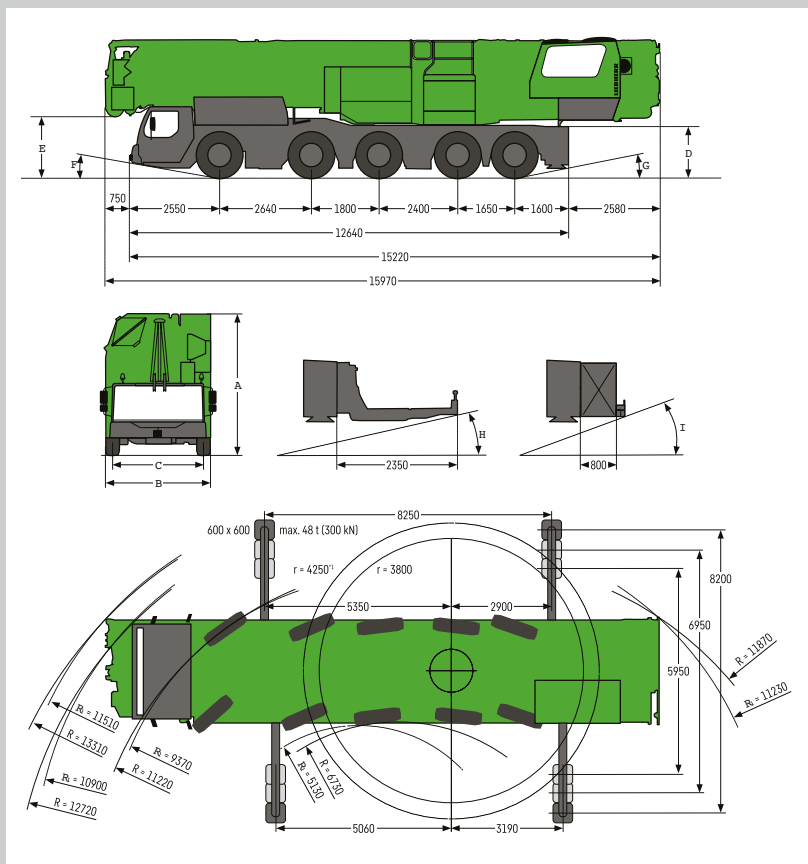
The MK140 is a compact five-axle mobile tower crane opens a whole new dimension of performance in this crane class with a maximum lift capacity of 8 tons. Performance which previously was only possible from higher axle classes. The real highlight of this product is its variable raised cab height giving the operator improved visibility of the load, the site and the special 'luffing mode'. The special 'luffing mode' enables a luffed jib position of up to 70 degrees.

The MK140 self erecting tower crane features one man operation, a small footprint, requiring very little space for assembly and operation, which means that it can be quickly be prepared for use once it reaches site. The MK140 has a transport dimension of just 16.0m with a 60m jib carried on board.

The outrigger system supporting the crane and jib is a 4-point support system with automatic variable levelling.



Dimensions



*1 With 9.0t additional ballast

R₁: All-wheel steering

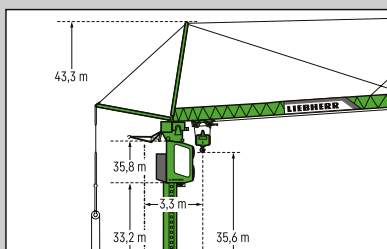
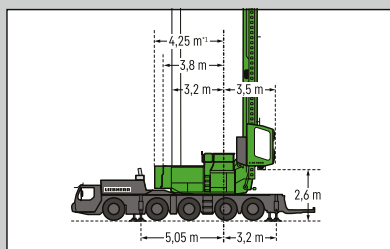
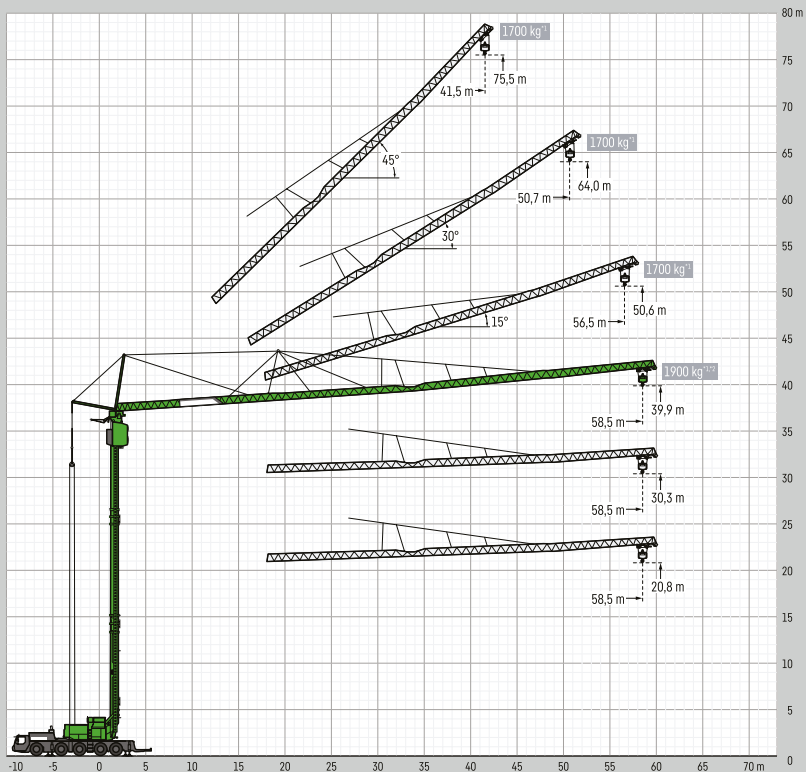
Dimensions

	A	A	B	C	D	E	F	G	H	I
		100 mm*								
385/95 R 25 (14.00 R 25)	4000	4000	3000	2610	1370	1800	12,0°	13,0°	7,0°	12,0°

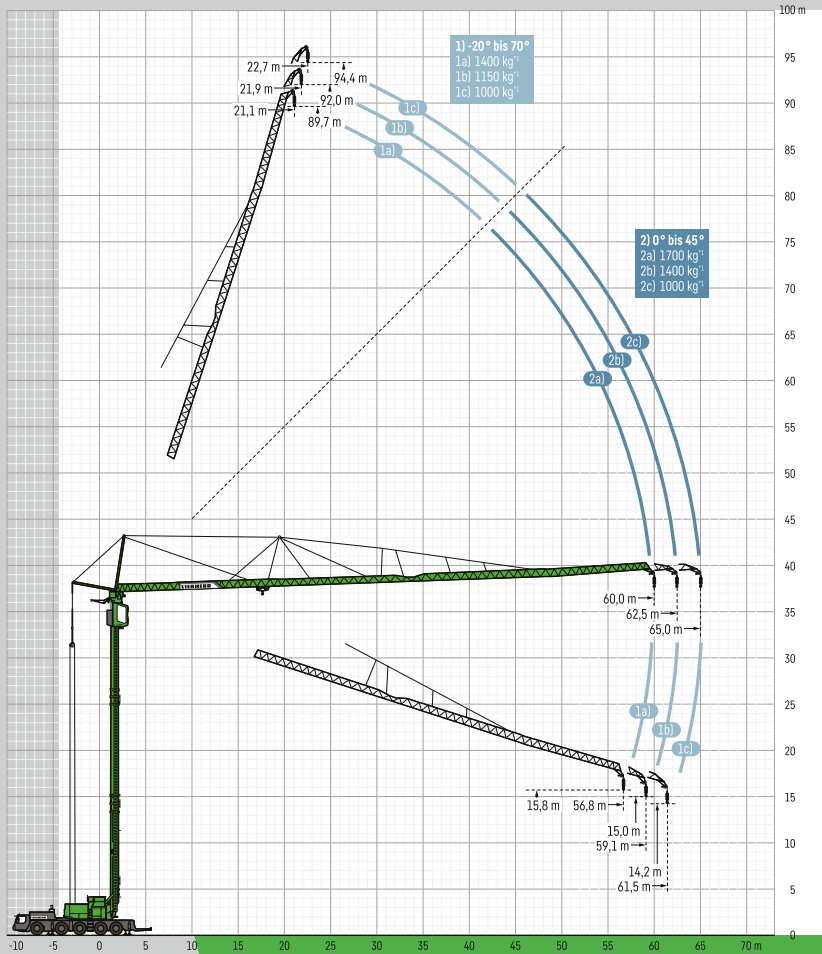
*lowered

All dimensions in mm

VarioJib - Trolley mode



VarioJib - Luffing mode



*1 With additional 9.0t additional ballast

*2 Plus load curves with control limitations in comparison to standard load curve. See the operating manual for more details.

Trolley mode - with additional



 8,20 m x 8,25 m

α°	m	m	kg	3,0	6,0	9,0	12,0	15,0	18,0	21,0	24,0	27,0	30,0	33,0	36,0	39,0	42,0	45,0	48,0	51,0	54,0	57,0	58,5
0°	58,5		3,3 - 13,4	8000		8000		7290	6220	5400	4750	4230	3790	3420	3110	2830	2600	2390	2200	2040	1890	1760	1700
			3,3 - 12,0	8000		8000		6630	5630	4870	4270	3780	3380	3050	2760	2520	2310	2120	1950	1800	1670	1550	1500
		Plus	3,3 - 14,4	8000		8000		7706	6504	5613	4925	4379	3934	3565	3254	2988	2758	2558	2381	2224	2084	1958	1900
15°	56,5		3,2 - 54,0	1800																1750	1630	1550	
			3,2 - 50,0	1800																1750	1630	1550	
		Plus	3,2 - 41,3	2500													2450	2250	2080	1930	1800	1700	
30°	50,7		3,2 - 37,8	2500													2410	2210	2040	1890	1760	1640	1550
			3,0 - 16,0	6000		6000		5320	4540	3940	3480	3100	2790	2530	2310	2120	1960	1810	1700				
		Plus	3,0 - 14,0	6000		6000		5610	4680	4000	3490	3080	2740	2470	2240	2040	1880	1730	1600	1500			
45°	41,5		2,7 - 39,7	1800																			
			2,7 - 36,0	1800													1620	1500					
		Plus	2,7 - 28,5	2650				2650				2500	2240	2020	1840	1700							
			2,7 - 26,1	2650				2650				2550	2250	2000	1800	1630	1500						

 6,95 m x 8,25 m

α°	m	m	kg	3,0	6,0	9,0	12,0	15,0	18,0	21,0	24,0	27,0	30,0	33,0	36,0	39,0	42,0	45,0	48,0	51,0	54,0	57,0	58,5
0°	58,5		3,3 - 12,7	8000		8000		6650	5430	4570	3930	3440	3050	2730	2460	2240	2040	1880	1730	1610	1490	1390	1350
			3,3 - 10,5	8000		8000		6930	5440	4460	3760	3230	2830	2510	2240	2020	1840	1680	1540	1420	1310	1220	1130
		Plus	3,3 - 10,5	8000		8000		6930	5440	4460	3760	3230	2830	2510	2240	2020	1840	1680	1540	1420	1310	1220	1130
15°	56,5		3,2 - 44,0	1800																1740	1610	1480	1300
			3,2 - 36,5	1800													1650	1500	1370	1250	1150	1060	1000
		Plus	3,2 - 33,7	2500													2310	2090	1910	1750	1610	1490	1300
30°	50,7		3,2 - 28,0	2500													2300	2040	1830	1650	1500	1370	1260
			3,0 - 15,0	6000		6000		4860	4070	3490	3040	2680	2390	2150	1950	1780	1630	1500	1400				
		Plus	3,0 - 12,0	6000		6000		4660	3780	3160	2700	2350	2070	1840	1650	1490	1350	1230	1130	1050			
45°	41,5		2,7 - 39,7	1800																			
			2,7 - 33,5	1800													1630	1470	1350				
		Plus	2,7 - 28,5	2650				2650				2500	2240	2020	1840	1700							
			2,7 - 24,8	2650				2650				2380	2080	1840	1640	1470	1350						

 5,95 m x 8,25 m

α°	m	m	kg	3,0	6,0	9,0	12,0	15,0	18,0	21,0	24,0	27,0	30,0	33,0	36,0	39,0	42,0	45,0	48,0	51,0	54,0	57,0	58,5
0°	58,5		3,3 - 9,1	8000		8000		5890	4590	3730	3130	2680	2330	2050	1830	1640	1480	1340	1220	1120	1030	950	880
			3,3 - 6,8	8000		8000		5940	4390	3440	2800	2350	2010	1740	1530	1360	1210	1090	980	890	810	740	680
		Plus	3,3 - 6,8	8000		8000		5940	4390	3440	2800	2350	2010	1740	1530	1360	1210	1090	980	890	810	740	680
15°	56,5		3,2 - 31,0	1800																			
			3,2 - 23,5	1800																			
		Plus	3,2 - 23,6	2500																			
30°	50,7		3,2 - 18,0	2500																			
			3,0 - 10,5	6000		6000		5180	4040	3290	2760	2360	2050	1800	1600	1430	1290	1170	1060	970	900		
		Plus	3,0 - 7,8	6000		6000		5080	3680	2850	2300	1910	1610	1390	1210	1060	940	830	740	670	600	550	
45°	41,5		2,7 - 30,5	1800																			
			2,7 - 23,5	1800																			
		Plus	2,7 - 22,2	2650				2650				2410	2090	1840	1630	1460	1310	1200					
			2,7 - 17,5	2650				2650				2560	2090	1750	1500	1300	1130	1000	880	800			



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