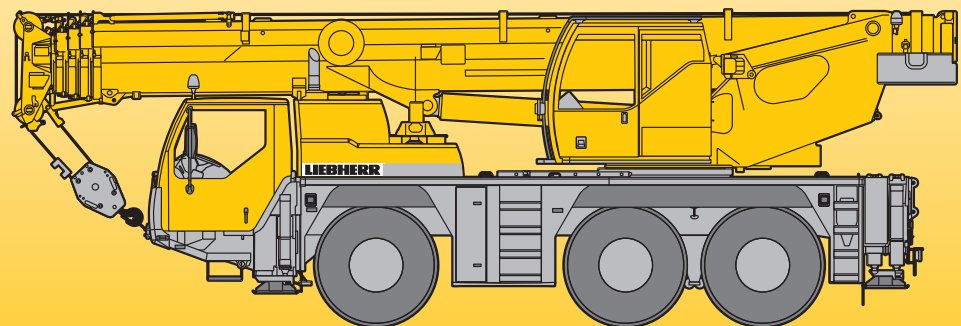




Mobile Crane Grue mobile

LTM 1055-3.2

**Technical Data
Caractéristiques techniques**



LIEBHERR

Lifting capacities Forces de levage

T

33 – 131 ft 360° 26400 lbs 85%												
ft	33 ft		45 ft	56 ft	67 ft	78 ft	90 ft	101 ft	112 ft	123 ft	131 ft	ft
	*											
9	117.1											9
10	110.8	93.3	93.3	93.1	84.2	67.6	50.3					10
11	105.8	93.3	93.3	92.4	83.7	68	50.9					11
12	101.3	93.1	92.9	92.2	83	68.4	51.5					12
13	96.6	90.7	90.7	86.9	81.8	68.3	51.9	41.4				13
14	92.2	86	86	82.5	78.2	67.9	52.2	41.8				14
15	87.5	81.6	81.7	78.8	73.8	67.5	52.3	42.1	32.6			15
16	82.8	77.6	77.7	75.3	70.3	67.1	52.1	42.2	32.8			16
17	79.3	73.7	74.3	72.1	68.5	65.5	51.4	41.9	33			17
18	75.8	69.8	70.3	69.7	66.6	63.5	50.4	41.5	33.2	25.8		18
19	72.2	66	66.6	66.7	64.7	61.5	49.3	41	33.1	25.9	22.1	19
20	69	62.6	63.1	63.3	62.6	59.7	48.1	40.3	33	25.9	22.2	20
22	61.9	56.2	56.9	57	57.8	54.5	45.6	38.6	32.2	25.9	22.2	22
24	52.9	50.6	51.7	51.4	51.9	48.7	43.4	36.9	31.4	25.5	22.3	24
26			46.9	47.3	46.8	44.1	40.9	35.4	30.5	25	22	26
28			42.2	42.8	42.5	40.2	37.8	33.9	29.5	24.4	21.6	28
30			37.8	38.4	38.4	36.8	34.8	32.4	28.5	23.7	21.2	30
32			34.1	34.8	34.6	33.8	32.7	30.8	27.6	23.1	20.8	32
34			31	31.5	31.5	31	30.6	28.7	26.6	22.5	20.2	34
36			28.3	28.9	28.9	28.3	28.9	26.7	25.7	21.8	19.5	36
38				26.7	26.6	26.4	26.8	24.9	24.4	21.2	18.9	38
40				24.6	24.6	25.1	24.8	23.7	23	20.6	18.4	40
45				20.6	20.5	21.2	20.7	20.4	19.7	19	17.2	45
50					18.2	18.1	17.6	17.8	17.6	17.2	16	50
55					15.8	15.7	15.4	15.4	15.4	15	14.7	55
60						13.7	13.9	13.6	13.4	13	13	60
65						12.1	12.3	12	11.8	11.4	11.4	65
70						10.9	10.9	10.6	10.4	10	9.9	70
75							9.7	9.4	9.3	8.7	8.7	75
80							8.8	8.5	8.3	7.8	7.7	80
85								7.6	7.4	7	6.9	85
90								6.9	6.7	6.2	6.2	90
95									6	5.5	5.5	95
100									5.4	4.9	4.9	100
105										4.3	4.3	105
110										3.9	3.8	110
115										3.4	3.4	115
120											3	120

* 0° = over rear · sur arrière

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Lifting capacities Forces de levage

T

33 – 131 ft $\pm 10^\circ$ 26400 lbs 85%											
ft	33 ft	45 ft	56 ft	67 ft	78 ft	90 ft	101 ft	112 ft	123 ft	131 ft	ft
10	93.3	93.3	93.1	84.2	67.6	50.3					10
11	93.3	93.3	92.4	83.7	68	50.9					11
12	93.3	93.3	92.2	83	68.4	51.5					12
13	93.2	92.2	86.9	81.8	68.3	51.9	41.4				13
14	92.2	89.5	82.5	78.2	67.9	52.2	41.8				14
15	87.5	84.6	78.8	73.8	67.5	52.3	42.1	32.6			15
16	82.8	80.2	75.3	70.3	67.1	52.1	42.2	32.8			16
17	79.3	77.1	72.1	68.5	65.5	51.4	41.9	33			17
18	75.8	74.3	70.5	66.6	63.5	50.4	41.5	33.2	25.8		18
19	72.2	71.7	68.5	64.7	61.5	49.3	41	33.1	25.9	22.1	19
20	69	69.2	66.6	62.6	59.7	48.1	40.3	33	25.9	22.2	20
22	61.9	62.7	60	58.1	54.5	45.6	38.6	32.2	25.9	22.2	22
24	52.9	53.9	53.3	51.9	48.7	43.4	36.9	31.4	25.5	22.3	24
26		47.6	47.5	46.8	44.1	40.9	35.4	30.5	25	22	26
28		42.2	42.9	42.5	40.2	37.8	33.9	29.5	24.4	21.6	28
30		37.8	38.4	38.4	36.8	34.8	32.4	28.5	23.7	21.2	30
32		34.1	34.8	34.6	33.8	32.7	30.8	27.6	23.1	20.8	32
34		31	31.5	31.5	31	30.6	28.7	26.6	22.5	20.2	34
36		28.3	28.9	28.9	28.3	28.9	26.7	25.7	21.8	19.5	36
38			26.7	26.6	26.4	26.8	24.9	24.4	21.2	18.9	38
40			24.6	24.6	25.1	24.8	23.7	23	20.6	18.4	40
45			20.6	20.5	21.2	20.7	20.4	19.7	19	17.2	45
50				18.2	18.1	17.6	17.8	17.6	17.2	16	50
55				15.8	15.7	15.4	15.4	15.4	15	14.8	55
60					13.7	13.9	13.6	13.4	13	13	60
65					12.2	12.3	12.1	11.9	11.4	11.4	65
70					11	11	10.7	10.5	10.1	10	70
75						9.9	9.6	9.4	8.9	8.8	75
80						8.9	8.6	8.4	7.9	7.9	80
85							7.8	7.6	7.1	7.1	85
90							7	6.8	6.3	6.3	90
95								6.1	5.6	5.6	95
100								5.5	5	5	100
105									4.5	4.5	105
110									4	4	110
115									3.6	3.6	115
120										3.2	120

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Lifting capacities Forces de levage

T

33 – 131 ft    85%											
 ft	33 ft	45 ft	56 ft	67 ft	78 ft	90 ft	101 ft	112 ft	123 ft	131 ft	 ft
10	93.3	93.3	93.1	84.2	67.6	50.3					10
11	93.3	93.3	92.4	83.7	68	50.9					11
12	93.1	92.2	92.2	83	68.4	51.5					12
13	89.4	89.4	86.9	81.8	68.3	51.9	41.4				13
14	84.5	84.5	82.5	78.2	67.9	52.2	41.8				14
15	79.5	79.4	78.8	73.8	67.4	52.3	42.1	32.6			15
16	74.5	74.7	74	70.3	65.8	52.1	42.2	32.8			16
17	70.1	70.7	69.3	66.7	61.7	51.4	41.9	33			17
18	65.8	66.5	64.8	62	57.3	50.3	41.5	33.2	25.8		18
19	61.7	62.4	59.8	57.7	53.4	49	41	33.1	25.9	22.1	19
20	58	58.7	56.5	53.8	49.9	46.6	40.3	33	25.9	22.2	20
22	50.4	52	50.3	47.4	44.3	41.9	38.6	32.2	25.9	22.2	22
24	42.9	44.7	44.6	42.3	39.5	37.9	35.5	31.4	25.5	22.3	24
26		38.9	39.7	38	35.8	35.2	32.1	30.4	25	22	26
28		34.3	35	34.5	32.9	32	30	28.6	24.4	21.6	28
30		30.6	31.3	31.2	31	29.3	27.9	26.1	23.7	21.2	30
32		27.5	28.2	28.1	28.7	26.9	25.5	24	23.1	20.8	32
34		24.9	25.5	25.6	26.3	24.7	23.8	22.9	21.9	20.2	34
36		22.7	23.5	24.2	24	22.9	22.5	21.6	20.4	19.5	36
38			21.6	22.2	22.1	21.3	20.9	20.2	19	18.5	38
40			19.8	20.5	20.3	20.3	19.7	18.8	17.7	17.3	40
45			16.3	16.9	16.7	17	16.7	16	14.9	14.7	45
50				14.2	14.3	14.3	14	13.7	12.8	12.5	50
55				12.2	12.2	12.3	11.9	11.8	11	10.8	55
60					10.5	10.6	10.3	10.1	9.3	9.3	60
65					9.2	9.2	9	8.6	8.1	8	65
70					8.1	8.1	7.8	7.6	7	6.9	70
75						7.2	6.9	6.6	6.1	6	75
80						6.4	6	5.8	5.3	5.2	80
85							5.3	5.1	4.6	4.6	85
90							4.7	4.4	4	4	90
95								3.9	3.4	3.4	95
100								3.4	2.9	2.9	100
105									2.5	2.4	105
110									2.1	2.1	110
115									1.7	1.7	115

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Lifting capacities Forces de levage

T

33 – 131 ft $\pm 10^\circ$ 15400 lbs 85%											
ft	33 ft	45 ft	56 ft	67 ft	78 ft	90 ft	101 ft	112 ft	123 ft	131 ft	ft
10	93.3	93.3	93.1	84.2	67.6	50.3					10
11	93.3	93.3	92.4	83.7	68	50.9					11
12	93.3	93.3	92.2	83	68.4	51.5					12
13	93.2	92.2	86.9	81.8	68.3	51.9	41.4				13
14	91.6	89.5	82.5	78.2	67.9	52.2	41.8				14
15	86.4	84.6	78.8	73.8	67.4	52.3	42.1	32.6			15
16	81.7	79.8	74	70.3	65.8	52.1	42.2	32.8			16
17	77.2	75.8	69.3	66.7	61.7	51.4	41.9	33			17
18	72.3	69.4	64.8	62	57.3	50.3	41.5	33.2	25.8		18
19	66.5	64.1	59.8	57.7	53.4	49	41	33.1	25.9	22.1	19
20	60.6	59.5	56.5	53.8	49.9	46.6	40.3	33	25.9	22.2	20
22	50.4	52.2	50.3	47.4	44.3	41.9	38.6	32.2	25.9	22.2	22
24	42.9	44.7	44.6	42.3	39.5	37.9	35.5	31.4	25.5	22.3	24
26		38.9	39.7	38	35.8	35.2	32.1	30.4	25	22	26
28		34.3	35	34.5	32.9	32	30	28.7	24.4	21.6	28
30		30.6	31.3	31.2	31	29.4	28	26.3	23.7	21.2	30
32		27.5	28.2	28.1	28.7	27	25.7	24.2	23.1	20.8	32
34		24.9	25.5	25.6	26.3	25	24	23	22.1	20.2	34
36		22.7	23.5	24.2	24	23.2	22.8	21.9	20.8	19.5	36
38			21.6	22.2	22.1	21.5	21.2	20.6	19.4	18.8	38
40			19.9	20.6	20.4	20.3	19.9	19.2	18.1	17.8	40
45			16.5	17.1	17	17.2	16.9	16.5	15.4	15.2	45
50				14.5	14.5	14.6	14.3	14.1	13.3	13.1	50
55				12.5	12.6	12.6	12.3	12.1	11.5	11.4	55
60					10.9	11	10.7	10.5	10	9.9	60
65					9.6	9.6	9.3	9.1	8.5	8.4	65
70					8.5	8.5	8.2	8	7.4	7.4	70
75						7.5	7.3	7	6.5	6.4	75
80						6.8	6.4	6.2	5.7	5.7	80
85							5.7	5.5	5	5	85
90							5.1	4.8	4.3	4.4	90
95								4.2	3.8	3.8	95
100								3.7	3.3	3.3	100
105									2.8	2.8	105
110									2.4	2.4	110
115									2.1	2	115
120										1.7	120

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Lifting capacities Forces de levage

T

33 – 131 ft 85%											
ft	33 ft	45 ft	56 ft	67 ft	78 ft	90 ft	101 ft	112 ft	123 ft	131 ft	ft
10	93.3	93.3	93.1	84.2	67.6	50.3					10
11	93.3	93.3	92.4	83.7	68	50.9					11
12	93	91.9	92.2	83	68.4	51.5					12
13	88.9	88.9	86.9	81.8	68.3	51.9	41.4				13
14	83.8	83.7	81.8	77.3	67.9	52.2	41.8				14
15	78.2	78.3	76.1	71	67.1	52.3	42.1	32.6			15
16	73.3	74	70.2	67.6	62.2	52.1	42.2	32.8			16
17	68.7	69.4	65.3	62.5	57.7	51.2	41.9	33			17
18	64.2	64.8	60.6	58	53.5	49.6	41.5	33.2	25.8		18
19	60.2	59.9	57.5	54	49.9	46.4	41	33.1	25.9	22.1	19
20	55.9	56.3	53.7	50.3	46.6	43.8	40.2	33	25.9	22.2	20
22	47.1	48.8	47	44.3	41.3	39.8	36.8	32.2	25.9	22.2	22
24	40	41.8	41.7	39.4	37.2	36.1	33	31.2	25.5	22.3	24
26		36.3	37.1	35.4	34.6	32.7	30.9	29	25	22	26
28		32	32.7	32.1	31.7	29.6	28	26.2	24.4	21.6	28
30		28.5	29.2	29.1	28.9	27	25.8	24.8	23.4	21.2	30
32		25.6	26.4	26.8	26.4	24.7	24	23.2	21.8	20.7	32
34		23.1	23.9	24.6	24.3	22.8	22.3	21.5	20.1	19.6	34
36		20.9	21.7	22.4	22.3	21.8	20.8	19.8	18.6	18.2	36
38			19.8	20.5	20.3	20.4	19.3	18.4	17.3	16.9	38
40			18.2	18.9	18.7	18.9	18	17.1	16	15.7	40
45			14.9	15.5	15.5	15.6	15.2	14.5	13.5	13.2	45
50				13	13	13.1	12.8	12.4	11.5	11.3	50
55				11.1	11.1	11.2	10.9	10.7	9.8	9.7	55
60					9.6	9.6	9.3	8.9	8.3	8.2	60
65					8.3	8.3	8	7.7	7.1	7.1	65
70					7.3	7.3	7	6.7	6.1	6.1	70
75						6.4	6.1	5.8	5.3	5.2	75
80						5.7	5.3	5.1	4.6	4.5	80
85							4.6	4.4	3.9	3.9	85
90							4	3.8	3.3	3.3	90
95								3.3	2.8	2.8	95
100								2.8	2.3	2.3	100
105									1.9	1.9	105

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Lifting heights Hauteurs de levage

T

33 – 131 ft  $\pm 10^\circ$  12100 lbs 85%											
ft	33 ft	45 ft	56 ft	67 ft	78 ft	90 ft	101 ft	112 ft	123 ft	131 ft	ft
10	93.3	93.3	93.1	84.2	67.6	50.3					10
11	93.3	93.3	92.4	83.7	68	50.9					11
12	93.3	93.3	92.2	83	68.4	51.5					12
13	93.1	92.2	86.9	81.8	68.3	51.9	41.4				13
14	90.8	89.5	81.8	77.3	67.9	52.2	41.8				14
15	85.7	83.6	76.1	71	67.1	52.3	42.1	32.6			15
16	80.8	76.5	70.2	67.6	62.2	52.1	42.2	32.8			16
17	75.7	70.9	65.3	62.5	57.7	51.2	41.9	33			17
18	69.9	64.9	60.6	58	53.5	49.6	41.5	33.2	25.8		18
19	62.6	59.9	57.5	54	49.9	46.4	41	33.1	25.9	22.1	19
20	56.6	56.3	53.7	50.3	46.6	43.8	40.2	33	25.9	22.2	20
22	47.1	48.8	47	44.3	41.3	39.8	36.8	32.2	25.9	22.2	22
24	40	41.8	41.7	39.4	37.2	36.1	33	31.2	25.5	22.3	24
26		36.3	37.1	35.4	34.6	32.8	31	29.1	25	22	26
28		32	32.7	32.1	31.8	29.7	28.3	26.6	24.4	21.6	28
30		28.5	29.2	29.1	29.1	27.3	26	24.9	23.7	21.2	30
32		25.6	26.4	26.8	26.7	25.1	24.5	23.6	22.3	20.8	32
34		23.2	23.9	24.7	24.5	23.1	22.8	22	20.6	20	34
36		21.1	21.9	22.5	22.4	22.1	21.3	20.4	19.2	18.8	36
38			20.1	20.7	20.5	20.7	19.9	19.1	17.9	17.5	38
40			18.5	19.1	19	19.2	18.6	17.8	16.7	16.4	40
45			15.3	15.9	15.9	16	15.7	15.2	14.2	13.9	45
50				13.4	13.5	13.5	13.2	13	12.2	12	50
55				11.6	11.6	11.6	11.3	11.2	10.5	10.3	55
60					10	10.1	9.8	9.5	8.9	8.8	60
65					8.8	8.8	8.5	8.2	7.7	7.6	65
70					7.8	7.8	7.5	7.2	6.7	6.6	70
75						6.9	6.6	6.3	5.8	5.7	75
80						6.1	5.8	5.5	5.1	5	80
85							5.1	4.9	4.4	4.4	85
90							4.5	4.2	3.8	3.8	90
95								3.7	3.2	3.2	95
100								3.2	2.7	2.7	100
105									2.3	2.3	105
110									1.9	1.9	110
115									1.6	1.6	115

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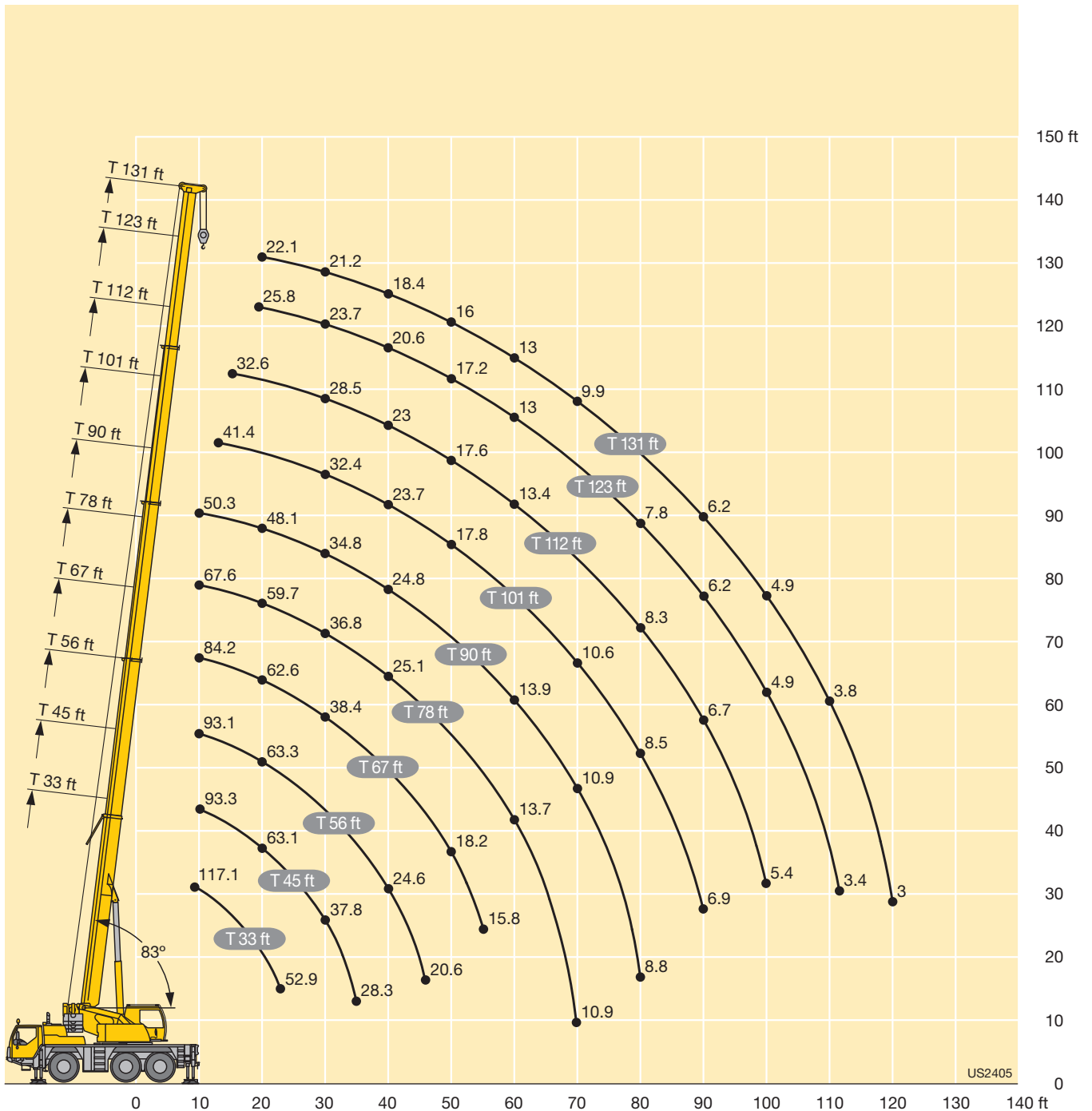
33 – 45 ft  T  0° / 360°  26400 lbs 15400 lbs 12100 lbs 85%									
 ft	33 ft				45 ft				ft 
	0°		360°		0°		360°		
	26400 lbs	15400 lbs	12100 lbs	12100 lbs	26400 lbs	15400 lbs	12100 lbs	12100 lbs	
10	35.9	33.1	31.9	16.1	37	30.1	27	16.1	10
11	33.2	30.6	29.1	14.6	34.2	27.8	25	15.2	11
12	30.8	28.3	26.8	13.4	31.9	25.9	23.2	14.3	12
13	28.6	26.2	24.7	12.3	29.7	24.1	21.6	13.2	13
14	26.6	24.4	22.9	11.2	27.6	22.6	20.1	12.2	14
15	24.9	22.8	21.3	10.2	25.9	21.2	18.9	11.3	15
16	23.3	21.5	19.9	9.1	24.3	19.9	17.7	10.3	16
17	22	20.1	18.7	8.5	22.9	18.8	16.7	9.4	17
18	20.7	18.6	17.5	7.8	21.7	17.7	15.7	8.7	18
19	19.3	17.5	16.5	7.4	20.6	16.8	14.8	8.1	19
20	18.2	16.5	15.4	6.7	19.3	15.9	14	7.6	20
22	16.2	14.7	13.4	5.7	17.2	14.3	12.6	6.7	22
24	14.6	13.3	12	4.9	15.5	13	11.4	5.7	24
26					14.1	11.6	10.2	5	26
28					13	10.4	9		28
30					11.9	9.3	8.1		30
32					11	8.5	7.4		32
34					9.7	7.8	6.8		34
36					9.1	7.3	6.3		36

0° = over rear · sur arrière

t_204_01113_00_000 / 01115_00_000 / 01118_00_000 / 01136_00_000

Lifting heights Hauteurs de levage

T



Lifting capacities Forces de levage

TK



	33 ft			101 ft			112 ft			123 ft			129 ft			131 ft			
	31 ft			31 ft			31 ft			31 ft			31 ft			31 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
10	17.5																		10
11	17.1	16																	11
12	16.7	15.8																	12
13	16.4	15.5																	13
14	16	15.2																	14
15	15.6	14.9																	15
16	15.3	14.6																	16
17	14.9	14.4		18.5															17
18	14.5	14.1		18.5															18
19	14.2	13.8	12.6	18.5															19
20	13.8	13.6	12.4	18.5			16.3												20
22	13.1	13.1	12.1	18.5			16.3												22
24	12.4	12.7	11.7	18.3			16.2			13.5			12.3						24
26	10.9	12.3	11.4	18	15.5		16			13.5			12.3			12			26
28	9.1	11.9	11.1	17.6	15.2		15.9	14		13.5			12.3			12			28
30	8.8	11.6	10.8	17.3	14.9		15.7	13.9		13.4			12.3			12			30
32	8.8	11.2	10.5	16.9	14.6		15.6	13.7		13.3			12.2			12			32
34	8.1	10.9	10.2	16.5	14.4	12.3	15.4	13.5		13.3	12.2		12.2			11.9			34
36	7.4	10.5	9.9	16.1	14.1	12.1	15.2	13.3		13.1	12.1		12	11.4		11.8			36
38	6.7	10.2	9.4	15.8	13.9	11.9	15.1	13.1	11.6	13	12		11.9	11.3		11.7	11.2		38
40	6.1	9.9	9.2	15.4	13.6	11.8	14.9	12.9	11.4	12.9	11.8		11.7	11.3		11.6	11.1		40
45	4.7	8.9	8.8	14.5	13.1	11.4	14.4	12.5	11.2	12.3	11.5	10.6	11.3	10.9		11.2	10.8		45
50	3.6	8.4		13.7	12.6	11.1	13.9	12.1	10.8	11.8	11.2	10.3	10.9	10.4	9.9	10.7	10.4	9.5	50
55	2.6			12.8	12.2	10.8	13.3	11.7	10.5	11.2	10.7	10.1	10.4	9.8	9.3	10.1	9.8	9.3	55
60				11.5	11.7	10.5	12.6	11.3	10.2	10.7	10	9.4	9.8	9.1	8.9	9.4	9.1	8.9	60
65				9.3	11.3	10.2	11.2	11	10	10.2	9.3	9.1	9.2	8.7	8.5	9	8.6	8.5	65
70				8.8	10.6	9.8	9.9	10.4	9.5	9.5	8.9	8.8	8.7	8.3	8.2	8.6	8.3	8.2	70
75				8.6	9.7	9.3	8.8	9.3	9.2	8.8	8.5	8.4	8.3	8	7.9	8.3	8	7.9	75
80				7.7	8.6	8.8	8.4	8.2	8.6	7.9	8.2	8.1	7.8	7.7	7.6	7.7	7.7	7.6	80
85				6.8	7.7	8	7.5	7.7	7.7	7.1	7.5	7.7	7	7.3	7.3	7	7.3	7.3	85
90				6.1	7.2	7.2	6.8	7.1	7.3	6.3	6.7	7	6.3	6.7	7	6.2	6.6	6.9	90
95				5.3	6.7	6.8	6.1	6.4	6.6	5.6	5.9	6.2	5.6	6	6.2	5.5	5.9	6.2	95
100				4.7	6		5.5	5.7	5.9	5	5.3	5.5	4.9	5.3	5.6	4.9	5.2	5.5	100
105				4.2	5.4		4.9	5.1		4.4	4.7	4.9	4.4	4.7	4.9	4.3	4.6	4.9	105
110				3.7	4.9		4.4	4.6		3.9	4.2	4.3	3.9	4.2	4.4	3.8	4.1	4.3	110
115				3.3	4.4		3.9	4.1		3.4	3.7		3.4	3.7	3.9	3.4	3.6	3.8	115
120				2.8			3.5	3.7		3	3.2		3	3.3		3	3.2		120
125							3.2	3.3		2.6	2.9		2.7	2.9		2.6	2.8		125
130							2.8			2.3	2.5		2.3	2.5		2.2	2.4		130
135										2	2.1		2	2.2		1.9	2.1		135
140										1.7			1.7	1.8		1.6	1.8		140
145										1.5			1.5			1.4			145

t_204_01031_00_000 / 01040_00_000 / 01049_00_000

Lifting capacities Forces de levage

TK

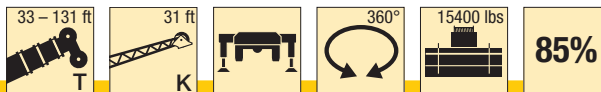


ft	33 ft			101 ft			112 ft			123 ft			129 ft			131 ft			ft
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
10	9.4																		10
11	9.3																		11
12	9.2																		12
13	9.1																		13
14	9																		14
15	8.9																		15
16	8.8																		16
17	8.7																		17
18	8.6																		18
19	8.5																		19
20	8.3			9.6															20
22	8.1	7.4		9.5			8.4												22
24	7.9	7.2		9.4			8.4												24
26	7.7	7		9.3			8.4			7.4									26
28	7.5	6.8		9.2			8.3			7.4			6.9			6.8			28
30	7.2	6.7		9.1			8.2			7.3			6.9			6.8			30
32	7	6.5		9			8.2			7.3			6.8			6.8			32
34	6.8	6.3		8.9			8.1			7.2			6.8			6.7			34
36	6.5	6.2	5.6	8.7	7.3		8			7.2			6.8			6.7			36
38	6.3	6	5.5	8.6	7.2		8			7.2			6.7			6.7			38
40	6.1	5.9	5.4	8.5	7.1		7.9	6.8		7.1			6.7			6.6			40
45	5.5	5.6	5.2	8.2	6.8		7.7	6.6		7	6.2		6.6			6.5			45
50	5	5.4	5	7.9	6.6	5.6	7.5	6.4		6.9	6.1		6.5	5.9		6.4	5.8		50
55	4.6	5.1	4.9	7.5	6.3	5.4	7.3	6.2	5.3	6.7	5.9		6.4	5.7		6.3	5.7		55
60	4.3	5	4.8	7.2	6.1	5.3	7.1	6	5.2	6.6	5.8	5.1	6.3	5.6		6.2	5.6		60
65	4	4.9	4.8	6.9	6	5.2	6.8	5.8	5.1	6.4	5.6	5	6.2	5.5	5	6.1	5.5	5	65
70	3.8	4.8	4.8	6.7	5.8	5.1	6.6	5.7	5	6.3	5.5	4.9	6.1	5.4	4.9	6	5.4	4.9	70
75	3.6	4.7		6.5	5.7	5	6.5	5.6	5	6.1	5.4	4.9	5.9	5.3	4.8	5.9	5.3	4.8	75
80				6.2	5.5	5	6.2	5.4	4.9	6	5.3	4.8	5.8	5.2	4.8	5.8	5.2	4.8	80
85				6	5.4	4.9	6	5.3	4.9	5.8	5.2	4.8	5.7	5.1	4.7	5.7	5.1	4.7	85
90				5.7	5.3	4.9	5.9	5.2	4.8	5.7	5.1	4.7	5.6	5	4.7	5.5	5	4.7	90
95				5.5	5.1	4.8	5.6	5.1	4.8	5.5	5	4.7	5.5	5	4.7	5.4	4.9	4.7	95
100				5.2	5.1	4.8	5.3	5	4.7	5.3	5	4.7	5.2	4.9	4.7	5.1	4.9	4.6	100
105				4.9	5	4.8	5	5	4.7	4.7	4.9	4.7	4.7	4.8	4.6	4.6	4.8	4.6	105
110				4.7	4.9	4.8	4.7	4.8	4.7	4.2	4.7	4.7	4.2	4.7	4.6	4.1	4.6	4.6	110
115				4.5	4.7	4.8	4.2	4.6	4.7	3.8	4.3	4.6	3.7	4.3	4.5	3.7	4.2	4.6	115
120				4.1	4.4	4.6	3.8	4.2	4.4	3.3	3.8	4.1	3.3	3.8	4.1	3.3	3.7	4.1	120
125				3.8	4	4.1	3.4	3.8	4	3	3.4	3.6	3	3.4	3.7	2.9	3.3	3.6	125
130				3.4	3.6	3.7	3.1	3.4	3.5	2.6	3	3.2	2.6	3	3.2	2.5	2.9	3.2	130
135				3.1	3.3		2.8	3	3.1	2.3	2.6	2.8	2.3	2.6	2.8	2.2	2.6	2.8	135
140				2.8	2.9		2.5	2.7		2	2.3	2.4	2	2.3	2.5	1.9	2.2	2.4	140
145				2.6			2.2	2.4		1.7	2	2.1	1.7	2	2.1	1.6	1.9	2.1	145
150							1.9	2.1		1.5	1.7		1.5	1.7	1.8	1.4	1.6	1.7	150
155							1.7				1.4			1.4		1.4	1.4		155

t_204_11031_00_000 / 11040_00_000 / 11049_00_000

Lifting capacities Forces de levage

TK



	33 ft			101 ft			112 ft			123 ft			129 ft			131 ft			
	31 ft			31 ft			31 ft			31 ft			31 ft			31 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
10	17.5																		10
11	17.1	16																	11
12	16.7	15.8																	12
13	16.4	15.5																	13
14	16	15.2																	14
15	15.6	14.9																	15
16	15.3	14.6																	16
17	14.9	14.4		18.5															17
18	14.5	14.1		18.5															18
19	14.2	13.8	12.6	18.5															19
20	13.8	13.6	12.4	18.5			16.3												20
22	13.1	13.1	12.1	18.5			16.3												22
24	12.4	12.7	11.7	18.3			16.2			13.5			12.3						24
26	10.9	12.3	11.4	18	15.5		16			13.5			12.3			12			26
28	9.1	11.9	11.1	17.6	15.2		15.9	14		13.5			12.3			12			28
30	8.8	11.6	10.8	17.3	14.9		15.7	13.9		13.4			12.3			12			30
32	8.8	11.2	10.5	16.9	14.6		15.6	13.7		13.3			12.2			12			32
34	8.1	10.9	10.2	16.5	14.4	12.3	15.4	13.5		13.3	12.2		12.2			11.9			34
36	7.4	10.5	9.9	16.1	14.1	12.1	15.2	13.3		13.1	12.1		12	11.4		11.8			36
38	6.7	10.2	9.4	15.8	13.9	11.9	15.1	13.1	11.6	13	12		11.9	11.3		11.7	11.2		38
40	6.1	9.9	9.2	15.4	13.6	11.8	14.9	12.9	11.4	12.9	11.8		11.7	11.3		11.6	11.1		40
45	4.7	8.9	8.8	14.5	13.1	11.4	13.9	12.5	11.2	12.3	11.5	10.6	11.3	10.9		11.2	10.8		45
50	3.6	8.4		13.1	12.6	11.1	12.1	12.1	10.8	11.8	11.2	10.3	10.9	10.4	9.9	10.7	10.4	9.5	50
55	2.6			11.3	11.8	10.8	11.3	11.3	10.5	10.4	10.7	10.1	10.1	9.8	9.3	9.9	9.8	9.3	55
60				10.5	10.6	10.4	9.9	10.1	10.2	9	9.8	9.4	9	9.1	8.9	8.8	9.1	8.9	60
65				9.1	9.3	9.8	8.7	9.2	9.2	7.9	8.6	9	7.8	8.4	8.5	7.7	8.3	8.5	65
70				8.1	8.6	8.6	7.7	8.2	8.6	6.9	7.5	8	6.8	7.4	7.9	6.7	7.3	7.8	70
75				7.1	7.6	7.9	6.8	7.2	7.6	6	6.6	7.1	6	6.5	7	5.8	6.4	6.9	75
80				6.3	6.7	7	5.9	6.4	6.7	5.3	5.8	6.2	5.2	5.7	6.2	5.1	5.6	6.1	80
85				5.6	5.9	6.1	5.2	5.6	5.9	4.6	5.1	5.4	4.6	5	5.4	4.4	4.9	5.3	85
90				4.9	5.2	5.4	4.6	4.9	5.2	4	4.4	4.8	4	4.4	4.7	3.9	4.3	4.6	90
95				4.3	4.6	4.7	4	4.3	4.5	3.5	3.9	4.1	3.4	3.8	4.1	3.3	3.7	4	95
100				3.8	4		3.5	3.7	3.9	3	3.3	3.5	3	3.3	3.6	2.9	3.2	3.5	100
105				3.3	3.5		3	3.3		2.5	2.8	3	2.5	2.8	3	2.5	2.8	3	105
110				2.9	3.1		2.6	2.8		2.1	2.4	2.6	2.1	2.4	2.6	2	2.3	2.5	110
115				2.6	2.7		2.2	2.4		1.7	2		1.7	2	2.2	1.7	1.9	2.1	115
120				2.2			1.9	2.1		1.4	1.6		1.4	1.6			1.6		120
125							1.6	1.7											125
130							1.3												130

t_204_01033_00_000 / 01042_00_000 / 01051_00_000

Lifting capacities Forces de levage

TK



ft	33 ft			101 ft			112 ft			123 ft			129 ft			131 ft			ft
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
10	9.4																		10
11	9.3																		11
12	9.2																		12
13	9.1																		13
14	9																		14
15	8.9																		15
16	8.8																		16
17	8.7																		17
18	8.6																		18
19	8.5																		19
20	8.3			9.6															20
22	8.1	7.4		9.5			8.4												22
24	7.9	7.2		9.4			8.4												24
26	7.7	7		9.3			8.4			7.4									26
28	7.5	6.8		9.2			8.3			7.4			6.9			6.8			28
30	7.2	6.7		9.1			8.2			7.3			6.9			6.8			30
32	7	6.5		9			8.2			7.3			6.8			6.8			32
34	6.8	6.3		8.9			8.1			7.2			6.8			6.7			34
36	6.5	6.2	5.6	8.7	7.3		8			7.2			6.8			6.7			36
38	6.3	6	5.5	8.6	7.2		8			7.2			6.7			6.7			38
40	6.1	5.9	5.4	8.5	7.1		7.9	6.8		7.1			6.7			6.6			40
45	5.5	5.6	5.2	8.2	6.8		7.7	6.6		7	6.2		6.6			6.5			45
50	5	5.4	5	7.9	6.6	5.6	7.5	6.4		6.9	6.1		6.5	5.9		6.4	5.8		50
55	4.6	5.1	4.9	7.5	6.3	5.4	7.3	6.2	5.3	6.7	5.9		6.4	5.7		6.3	5.7		55
60	4.3	5	4.8	7.2	6.1	5.3	7.1	6	5.2	6.6	5.8	5.1	6.3	5.6		6.2	5.6		60
65	4	4.9	4.8	6.9	6	5.2	6.8	5.8	5.1	6.4	5.6	5	6.2	5.5	5	6.1	5.5	5	65
70	3.8	4.8	4.8	6.7	5.8	5.1	6.6	5.7	5	6.3	5.5	4.9	6.1	5.4	4.9	6	5.4	4.9	70
75	3.6	4.7		6.5	5.7	5	6.2	5.6	5	6.1	5.4	4.9	5.8	5.3	4.8	5.7	5.3	4.8	75
80				6.1	5.5	5	6	5.4	4.9	5.5	5.3	4.8	5.3	5.2	4.8	5.2	5.2	4.8	80
85				5.8	5.4	4.9	5.5	5.3	4.9	4.8	5.2	4.8	4.7	5.1	4.7	4.6	5.1	4.7	85
90				5.2	5.2	4.9	4.9	5.2	4.8	4.2	4.9	4.7	4.1	4.8	4.7	4	4.7	4.7	90
95				4.7	5	4.8	4.3	4.9	4.8	3.7	4.4	4.7	3.6	4.3	4.7	3.5	4.2	4.7	95
100				4.1	4.6	4.8	3.8	4.4	4.7	3.2	3.9	4.4	3.2	3.8	4.3	3	3.7	4.2	100
105				3.7	4.1	4.4	3.3	3.8	4.2	2.8	3.4	3.9	2.7	3.3	3.8	2.6	3.2	3.7	105
110				3.2	3.7	3.9	2.9	3.4	3.7	2.4	3	3.4	2.4	2.9	3.4	2.3	2.8	3.3	110
115				2.9	3.2	3.5	2.5	3	3.2	2.1	2.6	2.9	2	2.5	2.9	1.9	2.4	2.8	115
120				2.5	2.8	3	2.2	2.6	2.8	1.7	2.2	2.5	1.7	2.2	2.5	1.6	2.1	2.4	120
125				2.2	2.5	2.6	1.9	2.2	2.4	1.4	1.8	2.1	1.4	1.8	2.1		1.8	2.1	125
130				1.9	2.1	2.2	1.6	1.9	2		1.5	1.7		1.5	1.7		1.5	1.7	130
135				1.7	1.8		1.3	1.6	1.7			1.4			1.4			1.4	135
140				1.4	1.5														140

t_204_11033_00_000 / 11042_00_000 / 11051_00_000

Lifting capacities Forces de levage

TK



	33 ft			101 ft			112 ft			123 ft			129 ft			131 ft			
	31 ft			31 ft			31 ft			31 ft			31 ft			31 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
10	17.5																		10
11	17.1	16																	11
12	16.7	15.8																	12
13	16.4	15.5																	13
14	16	15.2																	14
15	15.6	14.9																	15
16	15.3	14.6																	16
17	14.9	14.4		18.5															17
18	14.5	14.1		18.5															18
19	14.2	13.8	12.6	18.5															19
20	13.8	13.6	12.4	18.5			16.3												20
22	13.1	13.1	12.1	18.5			16.3												22
24	12.4	12.7	11.7	18.3			16.2			13.5			12.3						24
26	10.9	12.3	11.4	18	15.5		16			13.5			12.3			12			26
28	9.1	11.9	11.1	17.6	15.2		15.9	14		13.5			12.3			12			28
30	8.8	11.6	10.8	17.3	14.9		15.7	13.9		13.4			12.3			12			30
32	8.8	11.2	10.5	16.9	14.6		15.6	13.7		13.3			12.2			12			32
34	8.1	10.9	10.2	16.5	14.4	12.3	15.4	13.5		13.3	12.2		12.2			11.9			34
36	7.4	10.5	9.9	16.1	14.1	12.1	15.2	13.3		13.1	12.1		12	11.4		11.8			36
38	6.7	10.2	9.4	15.8	13.9	11.9	15.1	13.1	11.6	13	12		11.9	11.3		11.7	11.2		38
40	6.1	9.9	9.2	15.4	13.6	11.8	14.7	12.9	11.4	12.9	11.8		11.7	11.3		11.6	11.1		40
45	4.7	8.9	8.8	13.7	13.1	11.4	12.8	12.5	11.2	12.3	11.5	10.6	11.3	10.9		11.2	10.8		45
50	3.6	8.4		12.1	12.3	11.1	11.6	11.8	10.8	10.8	11.2	10.3	10.5	10.4	9.9	10.4	10.4	9.5	50
55	2.6			10.8	11	10.8	10.1	10.7	10.5	9.3	10.1	10.1	9.2	9.8	9.3	9	9.8	9.3	55
60				9.5	10	10.1	8.8	9.5	10	8	8.8	9.3	7.9	8.7	8.9	7.8	8.6	8.9	60
65				8.3	8.9	9	7.7	8.3	8.8	6.9	7.6	8.2	6.9	7.5	8.1	6.7	7.4	8	65
70				7.3	7.7	8.1	6.7	7.3	7.8	6	6.6	7.1	5.9	6.6	7.1	5.8	6.4	7	70
75				6.4	6.8	7.1	5.9	6.4	6.8	5.2	5.8	6.2	5.1	5.7	6.2	5	5.6	6.1	75
80				5.5	5.9	6.2	5.2	5.6	6	4.5	5	5.4	4.4	4.9	5.4	4.3	4.8	5.3	80
85				4.9	5.2	5.5	4.5	4.9	5.2	3.9	4.3	4.7	3.8	4.3	4.7	3.7	4.2	4.6	85
90				4.2	4.6	4.7	3.9	4.3	4.5	3.3	3.7	4	3.3	3.7	4	3.2	3.6	3.9	90
95				3.7	4	4.1	3.3	3.7	3.9	2.8	3.2	3.5	2.8	3.2	3.5	2.7	3.1	3.4	95
100				3.2	3.5		2.9	3.2	3.4	2.4	2.7	3	2.4	2.7	3	2.2	2.6	2.9	100
105				2.8	3		2.5	2.7		2	2.3	2.5	2	2.3	2.5	1.9	2.2	2.4	105
110				2.4	2.6		2.1	2.3		1.6	1.9	2	1.6	1.9	2.1	1.5	1.8	2	110
115				2.1	2.2		1.7	1.9			1.5			1.5	1.7		1.4	1.6	115
120				1.8			1.4	1.6											120

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Lifting capacities Forces de levage

TK

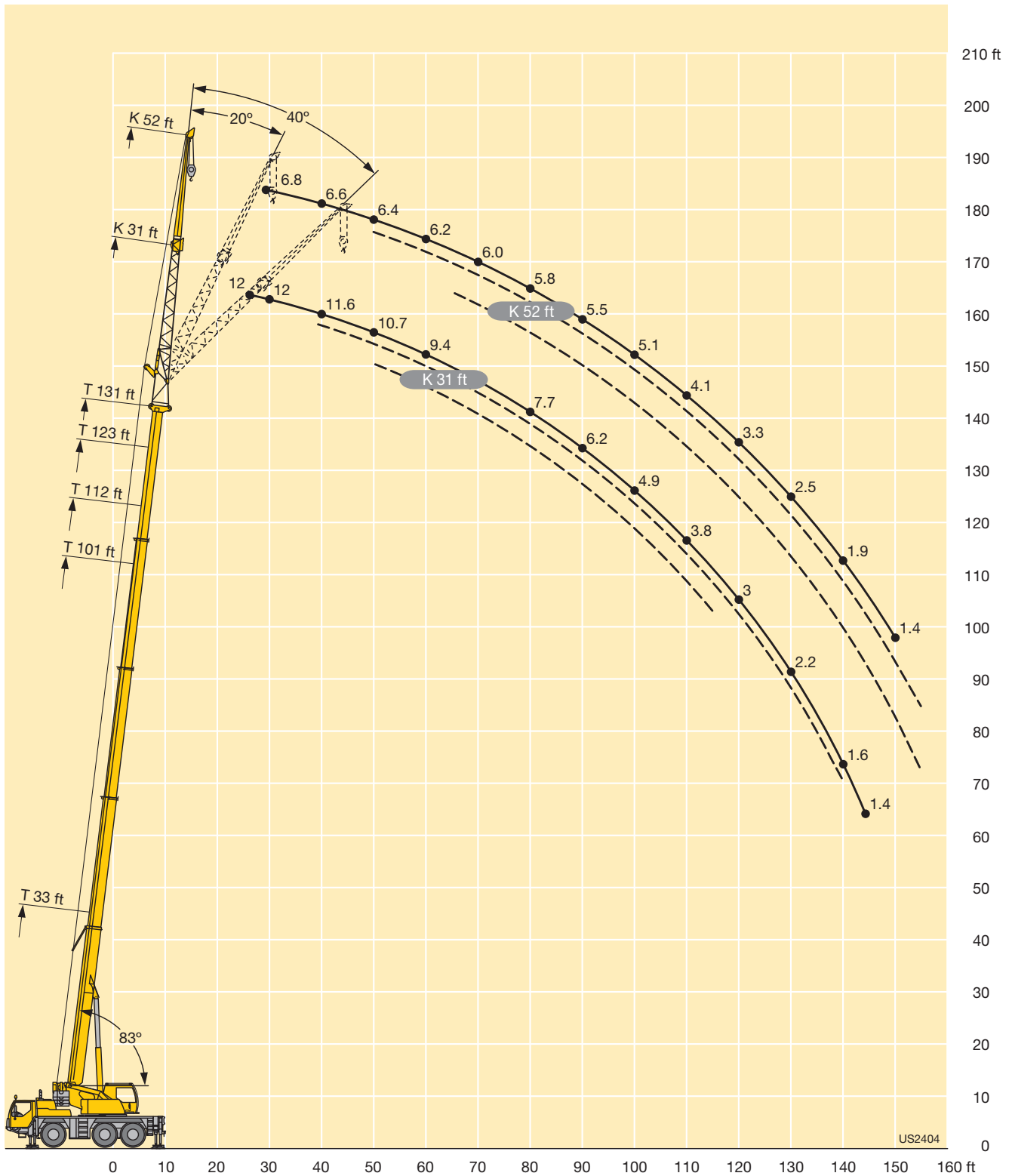


	33 ft			101 ft			112 ft			123 ft			129 ft			131 ft			
	52 ft			52 ft			52 ft			52 ft			52 ft			52 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
10	9.4																		10
11	9.3																		11
12	9.2																		12
13	9.1																		13
14	9																		14
15	8.9																		15
16	8.8																		16
17	8.7																		17
18	8.6																		18
19	8.5																		19
20	8.3			9.6															20
22	8.1	7.4		9.5			8.4												22
24	7.9	7.2		9.4			8.4												24
26	7.7	7		9.3			8.4			7.4									26
28	7.5	6.8		9.2			8.3			7.4			6.9			6.8			28
30	7.2	6.7		9.1			8.2			7.3			6.9			6.8			30
32	7	6.5		9			8.2			7.3			6.8			6.8			32
34	6.8	6.3		8.9			8.1			7.2			6.8			6.7			34
36	6.5	6.2	5.6	8.7	7.3		8			7.2			6.8			6.7			36
38	6.3	6	5.5	8.6	7.2		8			7.2			6.7			6.7			38
40	6.1	5.9	5.4	8.5	7.1		7.9	6.8		7.1			6.7			6.6			40
45	5.5	5.6	5.2	8.2	6.8		7.7	6.6		7	6.2		6.6			6.5			45
50	5	5.4	5	7.9	6.6	5.6	7.5	6.4		6.9	6.1		6.5	5.9		6.4	5.8		50
55	4.6	5.1	4.9	7.5	6.3	5.4	7.3	6.2	5.3	6.7	5.9		6.4	5.7		6.3	5.7		55
60	4.3	5	4.8	7.2	6.1	5.3	7.1	6	5.2	6.6	5.8	5.1	6.3	5.6		6.2	5.6		60
65	4	4.9	4.8	6.9	6	5.2	6.8	5.8	5.1	6.4	5.6	5	6.2	5.5	5	6.1	5.5	5	65
70	3.8	4.8	4.8	6.7	5.8	5.1	6.4	5.7	5	6.1	5.5	4.9	5.9	5.4	4.9	5.7	5.4	4.9	70
75	3.6	4.7		6.3	5.7	5	6.1	5.6	5	5.4	5.4	4.9	5.3	5.3	4.8	5.1	5.3	4.8	75
80				5.9	5.5	5	5.4	5.4	4.9	4.7	5.3	4.8	4.6	5.2	4.8	4.5	5.2	4.8	80
85				5.2	5.3	4.9	4.8	5.2	4.9	4.1	4.9	4.8	4	4.8	4.7	3.9	4.7	4.7	85
90				4.6	5.1	4.9	4.2	4.9	4.8	3.5	4.3	4.7	3.5	4.2	4.7	3.3	4.1	4.7	90
95				4	4.6	4.8	3.7	4.3	4.7	3.1	3.8	4.3	3	3.7	4.3	2.9	3.6	4.2	95
100				3.6	4.1	4.4	3.2	3.8	4.2	2.6	3.3	3.8	2.6	3.2	3.7	2.4	3.1	3.6	100
105				3.1	3.6	3.9	2.8	3.3	3.7	2.2	2.8	3.3	2.2	2.8	3.2	2.1	2.7	3.2	105
110				2.7	3.1	3.4	2.4	2.9	3.2	1.8	2.4	2.8	1.8	2.4	2.8	1.7	2.3	2.7	110
115				2.4	2.7	2.9	2	2.5	2.8	1.5	2	2.4	1.5	2	2.4	1.4	1.9	2.3	115
120				2	2.4	2.5	1.7	2.1	2.3		1.7	2		1.6	2		1.6	1.9	120
125				1.8	2	2.1	1.4	1.8	2		1.4	1.6			1.6			1.6	125
130				1.5	1.7	1.8		1.5	1.6										130
135					1.4														135

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Lifting heights Hauteurs de levage

TK





Lifting capacities Forces de levage

TK

33 - 131 ft 8 ft 360° 26400 lbs 85%											
33 ft 45 ft 56 ft 67 ft 78 ft 90 ft 101 ft 112 ft 123 ft 131 ft											
8 ft											
10	39	39	39	39							10
11	39	39	39	39							11
12	39	39	39	39							12
13	39	39	39	39	39						13
14	39	39	39	39	39						14
15	39	39	39	39	39						15
16	39	39	39	39	39	39					16
17	39	39	39	39	39	39					17
18	39	39	39	39	39	39					18
19	39	39	39	39	39	39					19
20	38.3	39	39	39	39	39	35				20
22	35.5	39	39	39	39	38.9	34.2				22
24	32.4	39	39	39	39	38.7	33.3	26.8			24
26	29.2	38.9	39	39	38.9	37.6	32.3	26.2	21.4		26
28	26.8	37.1	39	39	38.7	36	31.1	25.5	21	17.9	28
30	24.4	34.8	37.7	36.9	36.3	34	29.9	24.8	20.6	17.6	30
32	22.4	32.4	34.6	34.5	33.7	31.7	28.7	24	20	17.3	32
34		30	31.5	32.2	31.2	29.4	27.5	23.3	19.4	16.9	34
36		27.9	29.5	29.5	28.9	27.3	26.3	22.6	18.8	16.6	36
38		26.1	27.3	27.1	26.6	26	24.7	22	18.4	16.2	38
40		24.3	25.3	25.1	24.6	24.4	23.1	21.4	17.9	15.8	40
45			21.2	20.9	20.7	20.9	19.8	19.6	16.8	15	45
50			18	17.9	18	17.8	17.5	16.9	15.7	14.2	50
55			15.6	15.4	15.9	15.3	15.1	14.7	14.6	13.5	55
60				13.7	13.9	13.4	13.5	13.5	13	12.7	60
65				12.5	12.2	12	12.1	11.8	11.4	11.4	65
70					10.9	10.9	10.7	10.4	10	10.1	70
75					9.7	9.8	9.5	9.3	8.8	8.9	75
80						8.8	8.5	8.3	7.8	7.9	80
85						7.9	7.6	7.4	6.9	7	85
90							6.9	6.6	6.1	6.2	90
95							6.2	5.9	5.4	5.5	95
100							5.6	5.3	4.8	4.8	100
105								4.7	4.2	4.3	105
110								4.2	3.7	3.8	110
115									3.3	3.3	115
120									2.9	2.9	120
125										2.5	125
130										2.2	130

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Lifting capacities Forces de levage

TK

33 - 131 ft 8 ft 360° 15400 lbs 85%											
33 ft 45 ft 56 ft 67 ft 78 ft 90 ft 101 ft 112 ft 123 ft 131 ft											
8 ft											
10	39	39	39	39							10
11	39	39	39	39							11
12	39	39	39	39							12
13	39	39	39	39	39						13
14	39	39	39	39	39						14
15	39	39	39	39	39						15
16	39	39	39	39	39	39					16
17	39	39	39	39	39	39					17
18	39	39	39	39	39	39					18
19	39	39	39	39	39	39					19
20	38.3	39	39	39	39	39	35				20
22	35.5	39	39	39	39	38.9	34.2				22
24	32.4	39	39	38.6	38.5	36.3	33.1	26.8			24
26	29.2	38.8	37.9	37.7	35.4	33.5	30.8	26.2	21.4		26
28	26.8	35.1	34.8	34.3	32.1	30.8	28.5	25.5	21	17.9	28
30	24.4	31.4	32.1	31.4	29.4	28.2	26.3	24.8	20.6	17.6	30
32	22.4	28.6	29	28.7	27.3	26.5	24.8	23.5	20	17.3	32
34		26	26.3	26.2	25.1	24.5	23.3	21.8	19.4	16.9	34
36		23.7	24	23.9	23.5	22.7	21.5	20.2	18.8	16.6	36
38		21.8	22.1	21.9	22.3	21	20	18.9	18.4	16.2	38
40		20	20.3	20.2	20.7	19.6	18.6	18.3	17.3	15.8	40
45			16.8	17.2	17	16.5	16.4	15.7	14.7	14.5	45
50			14.1	14.6	14.3	14.4	14.2	13.5	12.6	12.4	50
55			12	12.4	12.3	12.3	12.1	11.7	10.8	10.7	55
60				10.8	10.7	10.6	10.4	10.2	9.4	9.3	60
65				9.4	9.3	9.3	9	8.8	8.1	8.1	65
70					8.2	8.2	7.9	7.6	7.1	7	70
75					7.2	7.2	6.9	6.6	6.2	6.2	75
80						6.4	6.1	5.8	5.3	5.4	80
85						5.6	5.3	5.1	4.6	4.6	85
90							4.6	4.4	3.9	4	90
95							4.1	3.8	3.3	3.4	95
100							3.6	3.3	2.8	2.9	100
105								2.9	2.4	2.4	105
110								2.5	1.9	2	110
115									1.6	1.6	115

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Lifting capacities Forces de levage

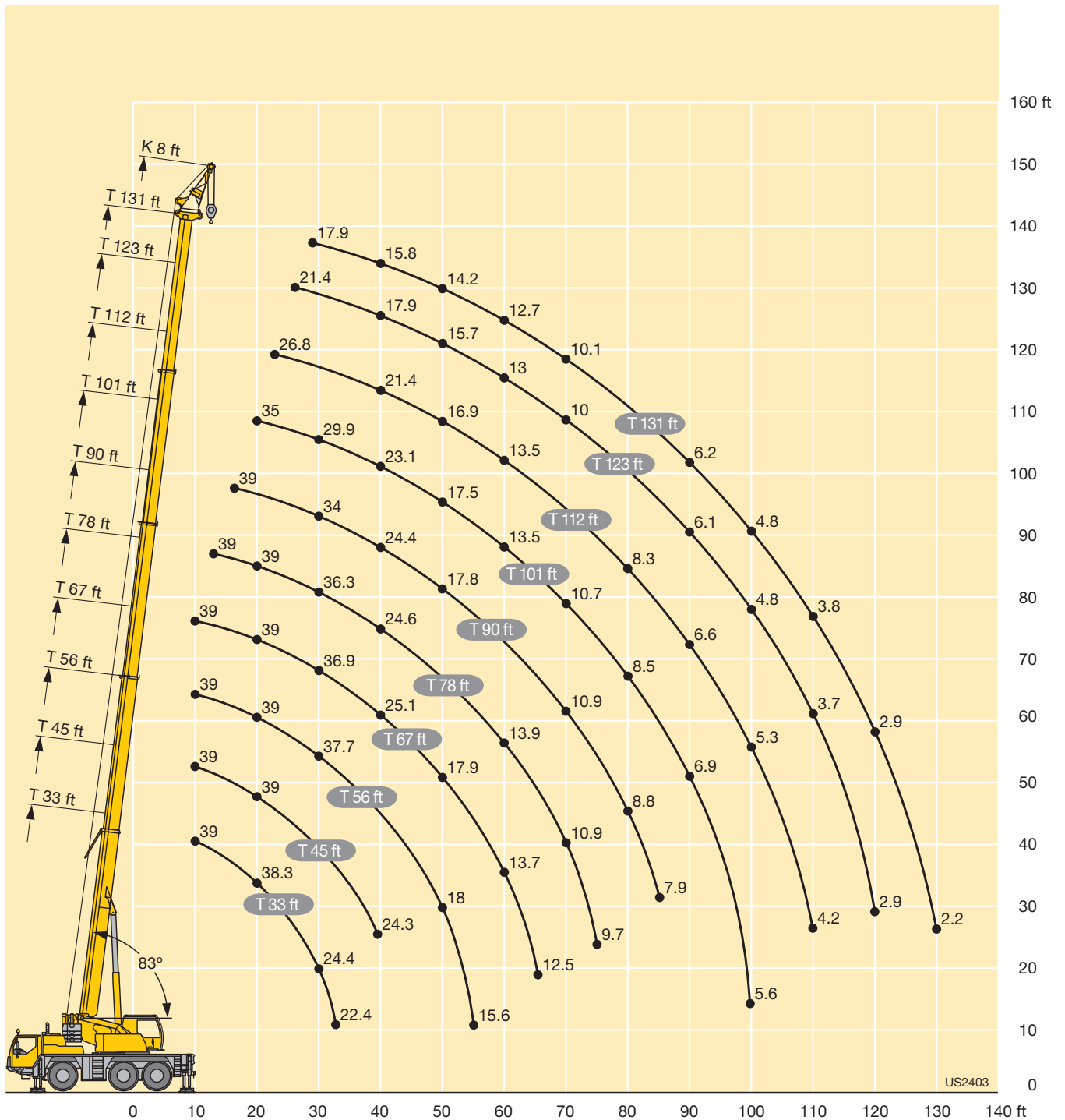
TK

33 – 131 ft 8 ft 360° 12100 lbs 85%											
33 ft 45 ft 56 ft 67 ft 78 ft 90 ft 101 ft 112 ft 123 ft 131 ft											
8 ft											
10	39	39	39	39							10
11	39	39	39	39							11
12	39	39	39	39							12
13	39	39	39	39	39						13
14	39	39	39	39	39						14
15	39	39	39	39	39						15
16	39	39	39	39	39	39					16
17	39	39	39	39	39	39					17
18	39	39	39	39	39	39					18
19	39	39	39	39	39	39					19
20	38.3	39	39	39	39	39	35				20
22	35.5	39	39	38.9	39	36.8	33.8				22
24	32.4	39	38.4	38.1	36.5	34.3	30.9	26.8			24
26	29.2	37.1	36	35.1	33	31.4	28.4	26.2	21.4		26
28	26.8	32.8	33.5	31.9	30.1	28.7	26.9	24.8	21	17.9	28
30	24.4	29.6	30.1	29	27.4	26.7	25.1	23.1	20.6	17.6	30
32	22.4	26.7	27.1	26.5	25.5	24.4	23.1	21.5	20	17.3	32
34		24.2	24.6	24.3	24	22.5	21.3	20.3	19.3	16.9	34
36		22	22.3	22.2	22.2	20.8	20.1	19.4	18.2	16.6	36
38		20	20.4	20.5	20.6	19.2	18.8	18.2	16.9	16.2	38
40		18.3	18.7	19.2	19	17.9	17.8	16.9	15.8	15.4	40
45			15.4	15.8	15.6	15.8	15	14.3	13.2	13.1	45
50			12.9	13.3	13.2	13.2	12.9	12.2	11.3	11.2	50
55			10.9	11.3	11.3	11.2	11	10.5	9.7	9.6	55
60				9.8	9.7	9.7	9.4	9.1	8.3	8.2	60
65				8.5	8.4	8.4	8.1	7.9	7.1	7.1	65
70					7.3	7.3	7.1	6.8	6.2	6.1	70
75					6.5	6.4	6.1	5.9	5.3	5.3	75
80						5.6	5.3	5	4.6	4.6	80
85						4.9	4.6	4.3	3.9	3.9	85
90							4	3.7	3.2	3.3	90
95							3.5	3.2	2.7	2.8	95
100							3	2.7	2.2	2.3	100
105								2.3	1.8	1.9	105
110								1.9			110

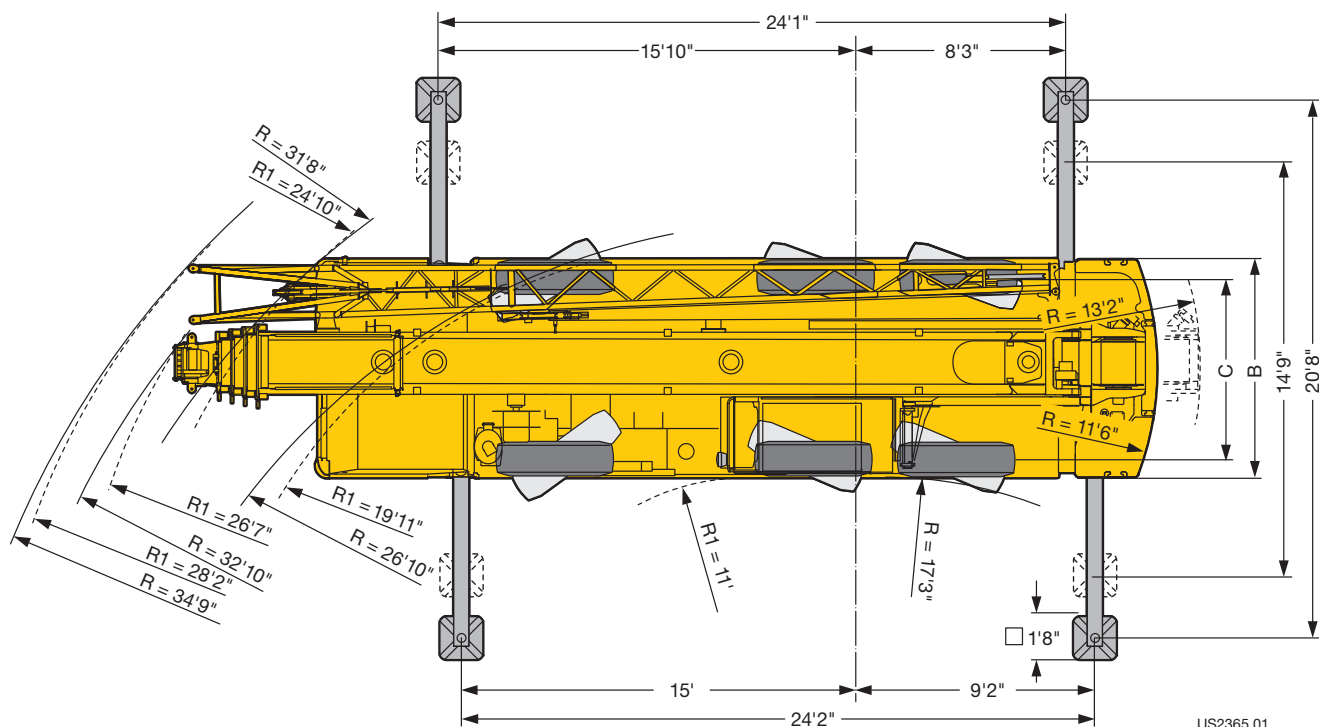
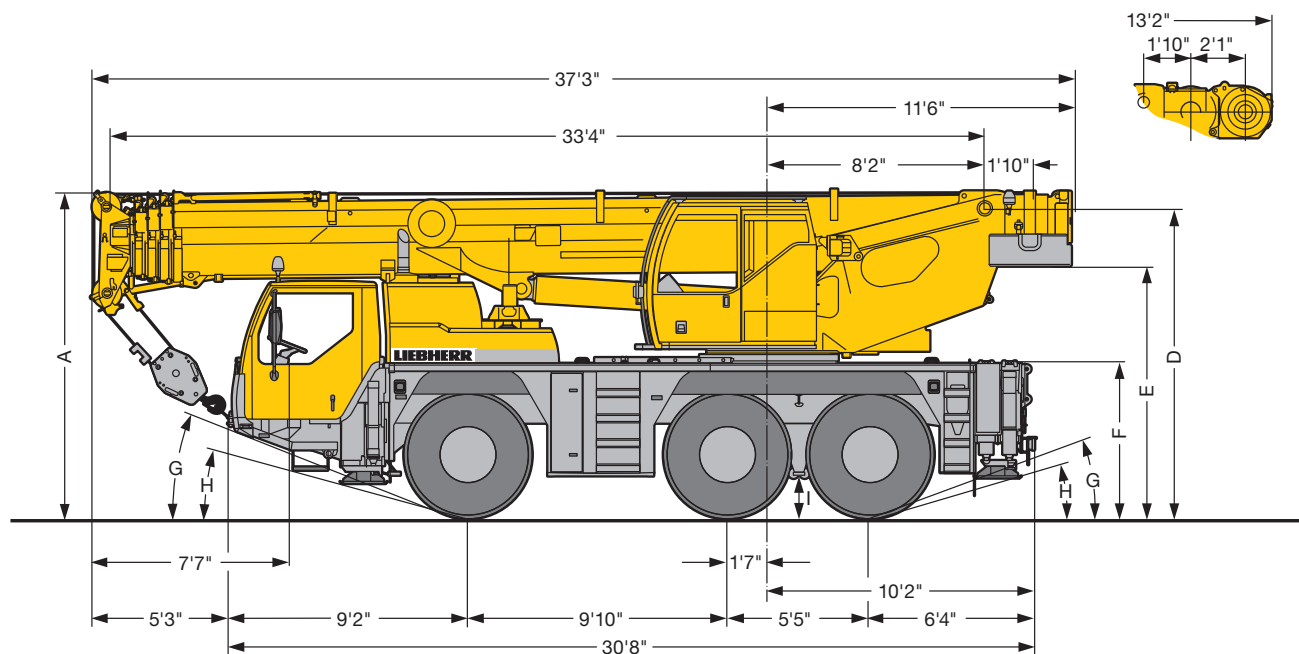
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Lifting heights Hauteurs de levage

TK



Dimensions Encombrement



US2365.01

R₁ = All-wheel steering · Direction toutes roues

	Dimensions · Encombrement									
	A	A 0'4"*	B	C	D	E	F	G	H	I
445/95 R 25 (16.00 R 25)	12'4"	12'	8'4"	6'11"	11'8"	9'5"	5'9"	21°	16°	425

* lowered · abaissé

Weights Poids



Axle Essieu	1	2	3	Total weight lbs Poids total lbs
lbs	26400	26400	26400	79200 ¹⁾

¹⁾ with 15400 lbs counterweight / avec contrepoids 15400 lbs



Load kips Forces de levage kips	No. of sheaves Poulies	No. of lines Brins	Weight lbs Poids lbs
126.5	7	14	725
101.6	5	10	660
66.5	3	7	575
29.5	1	3	400
9.9	–	1	165

Working speeds Vitesses



		1	2	3	4	5	6	7	8	9	10	11	12	R 1	R 2	
445/95 R 25 (16.00 R 25)	mph	1.5 – 3.8	4.9	6.3	8.1	10.3	13.2	17.5	22.4	28.9	37.1	47.1	50	1.6 – 4	5.3	50.8 %
		0.5 – 1.2	1.6	2.1	2.6	–	–	–	–	–	–	–	–	0.5 – 1.3	1.7	61.7 %



Drive Mécanismes	infinitely variable en continu	Rope diameter / Rope length Diam. du câble / Longueur du câble	Max. single line pull Effort au brin maxi.
	0 - 394 ft/min single line ft/min au brin simple	1/2" / 656'	10100 lbs
	0 - 394 ft/min single line ft/min au brin simple	1/2" / 689'	10100 lbs
	0 - 1.6 rpm		
	approx. 60 seconds to reach 83° boom angle env. 60 s jusqu'à 83°		
	approx. 240 seconds for boom extension from 33 ft – 131 ft env. 240 s pour passer de 33 ft – 131 ft		

Equipment Équipement

Crane carrier

Frame	Liebherr designed and manufactured, box-type, torsion resistant design of hightensile fine grained structural steel.
Outriggers	4-point supporting system, hydraulically telescopic into horizontal and vertical direction. Operation with remote control, automatic support leveling, electronic inclination display.
Engine	6-cylinder Diesel engine, make Liebherr, type D936L A6, watercooled, 270 kW (367 HP) at 2000 rpm, max. torque 1254 lbs-ft at 1000 rpm – 1500 rpm. Exhaust emissions acc. to 97/68/EG stage 3 and EPA/CARB Tier 3. Electronic engine management. Fuel tank: 92 gallons.
Transmission	ZF 12-speed gear box with automatic control system AS-TRONIC. Two-stage transfer case with lockable transfer differential.
Axles	All axles steered, axle 2 and 3 driven with lockable differential gears.
Suspension	All axles with hydropneumatic suspension and hydraulic locking facility.
Tyres	6 tyres. Tyre size: 445/95 R 25 (16.00 R 25).
Steering	2-circuit system with hydraulic servo steering. Active speed depending rear axle steering, special steering programs for various driving situations.
Brakes	Service brake: all-wheel servo-air brake, all axles are equipped with disc brakes, dual circuit. Hand brake: Spring-loaded, acting on all wheels of axles 1 and 2. Sustained-action brake: Exhaust retarder with additional Liebherr braking system. Anti-lock device in conjunction with anti-skid control. Brakes acc. to EC directive 71/320 EEC.
Driver's cab	Two-men driving cab, steel sheet design, cataphoretic dip-primed, mounted on rubber shock absorbers and on hydraulic dampers, safety glass windows, operating and control elements.
Electrical system	Control of the electrical and electronical components by modern data bus technique. 24 Volt DC, 2 batteries 170 Ah each.

Crane superstructure

Frame	Liebherr-made, torsion-resistant, welded construction of high-tensile structural steel, linked to carrier by a three-row ball bearing slewing ring, for continuous rotation.
Crane drive	Diesel-hydraulic with 1 axial variable displacement pump with automatic capacity control, 1 double gear pump, driven by the carrier Diesel engine, open regulated oil circuits with electrically controlled "load sensing", operation of 4 movements simultaneously.
Crane control	Electrical control of drives by self-centering joysticks, armrest-integrated control elements, Liebherr system bus (LSB).
Hoist gear	Axial piston fixed displacement motor, hoist drum with integrated planetary gear and spring-loaded static brake, actuation by open regulated oil circuit.
Luffing gear	1 differential ram with pilot operated brake valve.
Slewing gear	Axial piston fixed displacement motor, planetary gear, spring-loaded static brake. Slewing gear invertible from released to locked as a standard feature.
Crane cab	Galvanized steel construction, powder coating, safety glazing, control elements and instruments for crane operation and travelling. Cab tiltable backwards by 20°.
Safety devices	LICCON2 safe load indicator, hoist limit switch, safety valves against pipe and hose rupture, test system for servicing.
Telescopic boom	Buckling resistant and torsion-proof design of high tensile steel with oviform boom profile, 1 base section and 4 telescopic sections. All telescopic sections extendable hydraulically and independently from one another. Rapid-cycle telescoping system „Telematik“. Boom length: 33 ft – 131 ft.
Counterweight	15400 lbs
Electric system	Control of the electrical and electronical components by modern data bus technique.

Additional equipment

Folding jib	Single folding jib, 31 ft long, installation at 0°, 20° or 40°. Double folding jib, 31 ft – 52 ft long, installation at 0°, 20° or 40°.
2nd hoist gear	For two-hook operation or for operation with swing-away jib if the hoist rope shall remain reeved.
Drive 6 x 6	Axle 1 additionally driven.
Additional counterweight	11000 lbs for a total counterweight of 26400 lbs.

Other items of equipment available on request.

Equipment Equipement

Châssis porteur

Châssis	Fabrication Liebherr, construction en caisson indéformable, en acier à haute résistance à grains fins.
Stabilisateurs	Dispositif de calage horizontal et vertical en 4 points, entièrement déployable hydrauliquement. Utilisation avec commande à distance, mise à niveau automatique du calage, inclinomètre électronique.
Moteur	Diesel, 6 cylindres, marque Liebherr, type D936L A6, refroidi par eau, puissance 270 kW (367 ch) à 2000 rpm, couple max. 1254 lbs-ft à 1000 rpm – 1500 rpm. Emissions des gaz d'échappement conformes aux directives 97/68/EG partie 3 et EPA/CARB Tier 3. Gestion électronique. Réservoir à carburant: 92 gallons.
Boîte de vitesse	Boîte de vitesses ZF à 12 rapports, mécanisme automatisé à commande AS-TRONIC. Boîte de transfert à 2 étages avec blocage de différentiel.
Essieux	Tous les essieux sont directeurs, les essieux 2 et 3 sont entraînés par des engrenages différentiels blocables.
Suspension	Tous les essieux sont suspendus hydropneumatiquement et blocable hydrauliquement.
Pneumatiques	6 roues. Taille: 445/95 R 25 (16.00 R 25).
Direction	2 circuits avec direction assistée hydraulique. Direction active des essieux arrière et dépendante de la vitesse, programmes de direction spéciaux pour les différents modes de déplacement.
Freins	Freins de service: servofrein à air comprimé, tous les essieux sont munis de freins à disque, à 2 circuits. Frein à main: par cylindres à ressorts, agissant sur les roues des essieux 1 et 2. Frein à régime continu: Ralentisseur sur échappement avec système de freinage additionnel Liebherr. Dispositif anti-enrayeur avec contrôle antipatinage. Freins selon directive CE 71/320 EWG.
Cabine	Cabine conducteur bi-place en tôle d'acier revêtue anti-corrosion par bain de cataphorèse, suspendue sur silent blocs et amortissement hydraulique vitrage de sécurité, tableau de bord complet.
Installation électrique	Composants électriques et électroniques reliés entre eux par bus de données moderne. Courant continu 24 Volts, 2 batteries à 170 Ah chacune.

Partie tournante

Châssis	Fabrication Liebherr, construction mécano-soudée en tôle d'acier à haute résistance à grains fins. La couronne d'orientation à 3 rangées de billes, permettant une rotation illimitée, sert d'élément de liaison vers le châssis de la grue.
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Entraînement	Diesel hydraulique avec 1 pompe double à débit variable et régulation de puissance automatique, 1 pompe à engrenages double, entraînés par le moteur Diesel du porteur, circuits hydrauliques ouverts avec «load sensing», régulé électriquement. 4 mouvements simultanés praticables.
Commande	Commande électrique des mécanismes par leviers de manoeuvre à centrage automatique, commandes de grue „grand confort“ intégrées aux accoudoirs du siège, Liebherr système bus.
Treuil	Moteur hydraulique à cylindrée constante, treuil à réducteur planétaire incorporé et frein d'arrêt à ressort, en circuit hydraulique ouvert ou fermé et régulé.
Relevage de flèche	1 vérin différentiel à soupape pilotage de freinage.
Orientation	Moteur à cylindrée constante à pistons axiaux, engrenage planétaire, frein d'arrêt commandé par ressort. Orientation de série commutable en circuit hydraulique ouvert ou fermé (freinage automatique ou au pied).
Cabine de grue	En tôle d'acier galvanisée, peinte par poudrage polyester et cuisson au four, avec vitrage de sécurité, dotée de tous les éléments de contrôle et de commande pour l'opération et la conduite de la grue. Cabine inclinable vers l'arrière de 20°.
Sécurités	Contrôleur de charge LICCON2, fin de course crochet haut, clapets de sécurité en cas de ruptures de flexibles. Système de test pour faciliter l'entretien.
Flèche télescopique	Construction en acier de haute résistance à grains fins à profil oval à haute résistance au flambage, 1 élément de base et 4 éléments télescopiques. Chaque élément télescopable indépendamment de l'autre. Système de télescopage „Telematik“ séquentiel rapide. Longueur de flèche: 33 ft – 131 ft.
Contrepoids	15400 lbs
Circuit électrique	Composants électriques et électroniques reliés entre eux par bus de données moderne.

Equipement supplémentaire

Fléchette pliante	Fléchette pliante simple, longueur 31 ft, montable à 0°, 20° ou 40°. Fléchette pliante double, longueur 31 ft – 52 ft, montable à 0°, 20° ou 40°.
2ème mécanisme de levage	Pour l'utilisation du deuxième crochet, ou bien pour une utilisation avec fléchette pliante lorsque le câble de levage principal rest mouflé.
Entraînement 6 x 6	Essieu 1 est entraîné additionnellement.
Contrepoids supplémentaire	11000 lbs pour un contrepoids total de 26400 lbs.

Autres équipements supplémentaires sur demande.

Remarks referring to load charts

1. The lifting capacities do not exceed 85 % of the tipping load according to ASME B 30.5.
2. The crane's structural steelwork is in accordance with EN 13000 and ASME B 30.5.
3. For the calculation of the load charts a minimum wind speed of 23 ft/s (7 m/s, 15.7 miles/hour) and regarding the load a sail area of 1.2 m² per ton of load are taken into account.
4. Lifting capacities are given in kips.
5. The weight of the hook blocks and hooks is part of the load and therefore it must be deducted from the lifting capacities.
6. Working radii are measured from the slewing centre.
7. The lifting capacities given for the telescopic boom apply if the folding jib is removed.
8. Subject to modification of lifting capacities.
9. Lifting capacities above 93.3 kips only with additional pulley block.

Remarques relatives aux tableaux des charges

1. La capacité de charge ne doit pas dépasser 85 % de la charge de basculement conformément à ASME B 30.5.
2. La structure métallique de la grue est conforme à EN 13000 et ASME B 30.5.
3. Lors du calcul des tableaux des charges, un vent de 23 ft/s (7 m/s, 15,7 miles/hour) minimum et en ce qui concerne la charge, une surface au vent de 1,2 m² par tonne de capacité de charge sont respectés.
4. Les charges sont indiquées en kips.
5. Le poids du crochet de levage resp. de la moufle à crochet est une partie de la charge et doit donc être déduit de la capacité de charge.
6. Les portées sont calculées à partir de l'axe de rotation.
7. Les charges indiquées pour la flèche télescopique sont valables lorsque la fléchette pliante est démontée.
8. Charges données sous réserve de modification.
9. Les charges supérieures à 93.3 kips seulement avec moufle additionnel.