



ANTHONY CRANE RENTAL

Telescopic Truck Crane **LTM 1120/1**

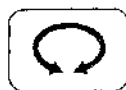
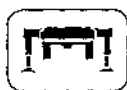
Telescopic boom 184 ft



Lifting capacities at telescopic boom.



41 ft - 184 ft



360°



77 200 lbs

85%

	41 ft		54 ft	68 ft	80 ft	94 ft	107 ft	120 ft	133 ft	146 ft	159 ft	172 ft	184 ft	
9	340*													9
10	288	243												10
11	268	243												11
12	250	238	221											12
13	233	229	215											13
14	220	218	205	189	163									14
15	207	207	196	181	159									15
16	196	196	188	174	153									16
17	186	186	181	167	147	122								17
18	177	177	173	161	142	121								18
20	158	158	157	149	132	117	96							20
22	143	143	143	139	123	111	94							22
24	130	130	130	128	115	104	90.5	77	56.1					24
26	119	119	118	116	108	98	86	77	53.8					26
28	109	109	108	106	102	92.5	82.5	74.5	52.6	48.5				28
30	100	100	99	97	95.5	87.5	78.5	71.5	51.7	48.2	38.4			30
32	92	92	91.5	89.5	88.5	83	75	69	51.7	48	38.3			32
34			85	83	82	78.5	71.5	66	51.7	47.4	38.2	35.9	30.2	34
36			79.5	77.5	76.5	73.5	68.5	63.5	51.7	46.7	38.1	35.6	29.6	36
38			73.5	71.5	72.5	68.5	65.5	61	51.7	45.9	38	35.3	29.1	38
40			69.5	66.5	69	64	62.5	58.7	51.2	44.9	37.8	34.8	28.5	40
45			61.5	56.8	58.8	53.9	53.1	53.3	46.8	41.4	36.6	32.6	27.1	45
50				48.8	50.6	46	48.2	47.2	42.8	38.1	34.3	30.5	25.7	50
55				42	43.9	39.7	43.4	41.5	39.1	35.1	31.8	28.5	24.3	55
60					38.3	36.4	38.3	37.6	35.4	32.3	29.4	26.6	23	60
65					33.4	33.7	34	33.4	31.3	29.8	27.3	24.9	21.7	65
70					29.4	31.4	30.4	29.9	28	27.3	25.3	23.4	20.6	70
75						28.8	27.9	26.9	25	24.7	23.5	21.9	19.5	75
80						25.9	25.1	24.2	22.4	22.2	21.8	20.6	18.4	80
85						23.3	22.5	21.6	20.1	20	20.3	19.4	17.4	85
90							20.3	19.9	17.9	17.8	18.4	18.3	16.5	90
95							18.4	18.3	16.6	15.9	16.5	17.2	15.7	95
100								16.6	15.6	14.3	15.5	15.8	14.9	100
105								15.1	14.6	13.5	14.6	14.2	14	105
110								13.8	13.8	12.7	13.6	12.8	12.7	110
115									12.8	12	12.5	11.6	11.4	115
120									12	11.4	11.4	10.4	10.2	120
125										10.8	10.4	9.3	9.2	125
130										10.3	9.4	8.5	8.3	130
135										9.6	8.7	7.7	7.6	135
140											8	7	6.9	140
145											7.4	6.4	6.2	145
150											7	5.8	5.6	150
155												5.3	5.1	155
160												4.7	4.6	160
165													4.1	165
170													3.6	170
175													3.1	175
I	0	0/0	46/0	92/0	92/0	92/46	92/0	92/46	92/0	92/0	92/46	92	100	I
II	0	46/0	46/0	46/92	92/46	92/46/92	46/92/92	92/92/46	92/92	92/92	92	100	100	II
III	0	0/0	0/0	0/46/46	0/46	46/46/46	46/46/92	46/92/92	92/92	92/92	92	100	100	III
IV	0	0/0	0/46	0/0/46	0/46	0/46/46	46/46/46	46/92/92	46/92	92/92	92	100	100	IV
V	0	0/46	0/46	0/0/46	0/46	0/46/46	46/46/46	46/46/92	46/92	46/92	92	100	100	V

* over rear

* with special equipment

TAB 110158 / 110159

**Lifting capacities are given
in kips (1,000 lbs).**



41 ft - 184 ft



360°



55 100 lbs

85%

ft	41 ft	54 ft	68 ft	80 ft	94 ft	107 ft	120 ft	133 ft	146 ft	159 ft	172 ft	184 ft	ft
10	242												10
11	230												11
12	218	201											12
13	206	195											13
14	194	187	172	149									14
15	183	178	164	145									15
16	171	170	158	139									16
17	162	161	152	134	111								17
18	153	152	146	129	110								18
20	136	136	134	120	107	87.5							20
22	122	122	120	112	101	85.5							22
24	110	110	108	104	94.5	82.5	70	51					24
26	99.5	99	97	95	89	78.5	70	48.9					26
28	91	90.5	88.5	85.5	81.5	75	67.5	47.8	44.1				28
30	83.5	82.5	80.5	80	73.5	70.5	65	47	43.8	34.9			30
32	77	76	74.5	73.5	67	65	62.5	47	43.6	34.8			32
34		70	68.5	68	61.5	60	59.4	47	43.1	34.7	32.6	27.5	34
36		65.5	63	63	57	57	55.7	47	42.4	34.6	32.4	26.9	36
38		61.5	57.2	57.9	52.3	54.4	52.1	47	41.7	34.5	32.1	26.4	38
40		57.4	52.1	53.3	48.1	51.7	49	46.2	40.8	34.3	31.7	25.9	40
45		47	44.2	44.3	43.4	43.8	42.5	39.8	37.6	33.3	29.7	24.6	45
50			39.2	36.9	38.9	37.8	36.8	34.3	33.3	31.1	27.8	23.3	50
55			34.1	33	34.2	33.4	32	29.7	29.1	28.5	25.8	22.1	55
60				29.7	29.3	29	28	25.8	25.4	25.6	24.2	20.9	60
65				25.8	26	25.1	25.4	23.2	22.2	22.5	22.6	19.8	65
70				23.4	23.1	22	22.5	21.5	19.7	20.7	20.5	18.7	70
75					20.4	19.4	19.8	19.8	18.3	19.3	18.3	17.5	75
80					18.2	17.7	17.5	18.1	17	17.7	16.4	16	80
85					16.2	16.6	15.5	16.2	15.8	15.6	14.7	14.3	85
90						15.1	13.7	15.2	14.6	13.9	13	12.8	90
95						14.2	12.9	14.1	13.2	12.3	11.4	11.3	95
100							12.2	12.9	11.8	10.9	10	9.9	100
105							11.5	11.7	10.5	9.6	8.8	8.7	105
110							10.7	10.6	9.5	8.7	7.9	7.7	110
115								9.6	8.6	7.8	7	6.8	115
120								8.7	7.8	7	6.2	6	120
125									7.1	6.3	5.5	5.3	125
130									6.4	5.7	4.8	4.7	130
135									5.7	5.1	4.2	4.1	135
140										4.5	3.6	3.5	140
145										4	3	3	145
150										3.4	2.5	2.5	150
I	0	0/0	46/0	92/0/0	92/0	92/46/0	92/46/0	92/0/0	92/0	92/46	92	100	I
II	0	46/0	46/0	46/92/0	92/46	92/46/92	46/92/92	92/92/46	92/92	92/92	92	100	II
III	0	0/0	0/0	0/46/46	0/46	46/46/46	46/46/92	46/92/92	92/92	92/92	92	100	III
IV	0	0/0	0/46	0/0/46	0/46	0/46/46	46/46/46	46/92/92	46/92	92/92	92	100	IV
V	0	0/46	0/46	0/0/46	0/46	0/46/46	46/46/46	46/46/92	46/92	46/92	92	100	V

TAB 110089

Lifting capacities at telescopic boom.



41 ft - 184 ft



360°



33 100 lbs

85%

ft	41 ft	54 ft	68 ft	80 ft	94 ft	107 ft	120 ft	133 ft	146 ft	159 ft	172 ft	184 ft	ft
10	241												10
11	228												11
12	214	201											12
13	199	195											13
14	186	184	172	149									14
15	173	173	164	145									15
16	162	162	158	139									16
17	153	152	149	132	110								17
18	144	143	139	124	108								18
20	126	125	120	109	101	87							20
22	113	112	103	96.5	88	81							22
24	101	99	89	86.5	77	74.5	68.5	51					24
26	91	87	78	76.5	68	70	66	48.9					26
28	81	79	69	68.5	64	64	61	47.8	44.1				28
30	71	74	61	61.5	60.5	58	55.7	46.8	43.8	34.9			30
32	62.5	66.5	58.1	55.7	56.5	53.8	51	46	43.6	34.8			32
34		59.8	54.9	50.9	52.9	49.9	47.1	43.7	41.8	34.6	32.6	27.5	34
36		54.3	51.6	48.5	49	46.2	43.7	40.5	39	34.3	32.4	26.9	36
38		48.7	48.2	46.2	45.1	42.6	41	38	36.1	34.1	32.1	26.4	38
40		43.9	44.9	43.8	41.6	39.3	38.4	36.3	33.5	33.2	31.5	25.8	40
45		35.5	36.4	36.6	35.7	33	32.4	32	29.8	29.8	28	24.6	45
50			30.5	31.7	30.7	28.6	27.7	27.7	27	26.2	24.3	22.8	50
55			26	27.7	26.1	25.8	23.8	24.8	24	22.6	21	20.5	55
60				23.7	22.2	23	21.4	22.6	21	19.7	18.1	17.7	60
65				20.6	19.9	21.1	19.7	19.9	18.4	17.2	15.8	15.4	65
70				18.1	18	18.7	17.9	17.5	16.2	15.1	13.7	13.4	70
75					16	16.5	15.9	15.4	14.1	13.1	12	11.7	75
80					14.1	14.6	13.9	13.4	12.2	11.2	10.3	10.1	80
85					12.5	13	12.2	11.7	10.5	9.6	8.8	8.6	85
90						11.5	10.8	10.3	9.2	8.3	7.6	7.4	90
95						10.3	9.6	9.1	8.1	7.3	6.5	6.3	95
100							8.5	8.1	7.1	6.3	5.5	5.3	100
105							7.6	7.2	6.2	5.4	4.6	4.5	105
110							6.7	6.5	5.4	4.7	3.9	3.7	110
115								5.7	4.8	4	3.2	3	115
120								5	4.1	3.4			120
125									3.6	2.8			125
130									3	2.4			130
135									2.5				135
I	0	0/0	46/0	92/0/0	92/0	92/46/0	92/46/0	92/0/0	92/0	92/46	92	100	I
II	0	46/0	46/0	46/92/0	92/0	92/46/92	46/92/92	92/92/46	92/92	92/92	92	100	II
III	0	0/0	0/0	0/46/46	0/92	46/46/46	46/46/92	46/92/92	92/92	92/92	92	100	III
IV	0	0/0	0/46	0/0/46	0/46	0/46/46	46/46/46	46/92/92	46/92	92/92	92	100	IV
V	0	0/46	0/46	0/0/46	0/46	0/46/46	46/46/46	46/46/92	46/92	46/92	92	100	V

TAB 110100



41 ft - 184 ft



360°



15 400 lbs

85°

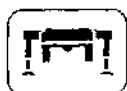
ft	41 ft	54 ft	68 ft	80 ft	94 ft	107 ft	120 ft	133 ft	146 ft	159 ft	172 ft	184 ft	ft
10	240												10
11	223												11
12	207	199											12
13	191	189											13
14	177	177	166	143									14
15	165	164	151	133									15
16	153	152	135	119									16
17	143	140	122	108	98.5								17
18	134	128	111	99	90.5								18
20	116	104	90.5	87	79.5	77.5							20
22	98.5	90	77.5	75	73	68.5							22
24	84.5	81.5	71.5	66.5	66	61	58.2	50.7					24
26	72.5	71	66.5	62.5	58.5	54.4	52.1	49.5					26
28	62.5	63	59.8	56.6	53.1	49	47.2	45.7	40.3				28
30	53.7	56.1	53.4	50.8	48.5	44.3	42.7	41.8	38.6	34.5			30
32	46.9	50.4	48.3	47	44.2	42.1	39	38.3	36.9	34.1			32
34		45.4	44.1	44.2	40.5	39.5	35.8	36.1	34.8	32.6	30.2	27	34
36		41	40.9	41.1	37.4	36.7	34.1	33.9	32.3	30.3	28	25.7	36
38		36.6	37.7	38.1	34.3	35	32.6	31.8	29.9	27.9	25.8	24.4	38
40		32.7	34.6	35.3	32.2	33.1	30.9	29.8	27.6	25.8	23.8	23	40
45		26	27.7	29.3	28	27.9	26.2	25.1	23.2	21.6	19.8	19.2	45
50			22.7	24.4	24.1	23.8	22.4	21.4	19.7	18.3	16.6	16.1	50
55			18.8	20.4	20.4	20.5	19.2	18.3	16.7	15.5	13.9	13.5	55
60				17.3	17.3	17.6	16.4	15.7	14.2	13.1	11.7	11.3	60
65				14.7	14.8	15	14.1	13.5	12.1	11	9.7	9.5	65
70				12.6	12.6	12.9	12	11.5	10.1	9.2	8.1	7.9	70
75					10.8	11	10.2	9.7	8.5	7.6	6.7	6.5	75
80					9.3	9.5	8.7	8.2	7.1	6.3	5.5	5.3	80
85					7.9	8.3	7.5	7.1	6	5.2	4.3	4.2	85
90						7.2	6.5	6.1	5	4.2			90
95						6.3	5.6	5.2	4.2				95
100							4.8	4.4					100
105							4	3.8					105
110							3.4	3.1					110
I	0	0/0	46/0	92/0/0	92/0	92/46/0	92/46/0	92/0/0	92/0	92/46	92	100	I
II	0	46/0	46/0	46/92/0	92/0	92/46/92	46/92/92	92/92/46	92/92	92/92	92	100	II
III	0	0/0	0/0	0/46/46	0/92	46/46/46	46/46/92	46/92/92	92/92	92/92	92	100	III
IV	0	0/0	0/46	0/0/46	0/46	0/46/46	46/46/46	46/92/92	46/92	92/92	92	100	IV
V	0	0/46	0/46	0/0/46	0/46	0/46/46	46/46/46	46/46/92	46/92	46/92	92	100	V

TAB 110101

Lifting capacities at telescopic boom.



41 ft - 184 ft



360°



0 lbs

85%

ft	41 ft	54 ft	68 ft	80 ft	94 ft	107 ft	120 ft	133 ft	146 ft	159 ft	172 ft	184 ft	ft
10	235												10
11	217												11
12	200	197											12
13	184	183											13
14	170	164	140	119									14
15	157	145	121	105									15
16	145	127	107	98									16
17	132	113	96	90	86								17
18	119	102	87	82.5	80								18
20	93	88.5	80.5	74.5	68.5	62.5							20
22	78	75.5	69.5	65	60.5	55.4							22
24	65.5	64.5	60.5	57.6	53.5	50.8	45.7	44.9					24
26	56.1	55.7	53.6	52.6	47	47.2	43.3	41.5					26
28	48.4	49.2	48.1	47.5	43.2	43.1	39.9	37.9	34.9				28
30	41.5	43.5	42.8	42.5	40.3	39	36.4	34.4	31.6	29.3			30
32	36	38.9	38.5	38.6	36.6	35.6	33.2	31.4	28.9	26.8			32
34		35	35	35.3	33.5	32.7	30.6	28.9	26.6	24.6	22.4	21.6	34
36		31.5	32.1	32.5	30.9	30.2	28.2	26.7	24.5	22.7	20.6	19.9	36
38		28	29.1	29.6	28.3	27.7	25.9	24.5	22.5	20.8	18.8	18.2	38
40		24.9	26.4	27.1	25.9	25.5	23.8	22.6	20.6	19	17.2	16.6	40
45		19.4	21.1	22.3	21.3	21.2	19.7	18.7	17	15.6	13.9	13.4	45
50			16.9	18.5	17.8	17.8	16.5	15.6	14	12.8	11.3	10.9	50
55			13.5	15.3	14.8	14.9	13.8	13.1	11.5	10.4	9	8.7	55
60				12.6	12.2	12.5	11.5	10.9	9.4	8.4	7.1	6.9	60
65				10.4	10	10.2	9.4	8.8	7.6	6.7	5.6	5.4	65
70				8.6	8.4	8.6	7.8	7.3	6.2	5.2			70
75					7.1	7.3	6.5	6.1	4.9				75
80					5.9	6.1	5.4	4.9					80
85					4.8	5.2	4.4	4					85
90						4.3	3.6						90
95						3.5							95
I	0	0/0	46/0	92/0/0	92/0	92/46/0	92/46/0	92/0/0	92/0	92/46	92	100	I
II	0	46/0	46/0	46/92/0	92/0	92/46/92	46/92/92	92/92/46	92/92	92/92	92	100	II
III	0	0/0	0/0	0/46/46	0/92	46/46/46	46/46/92	46/92/92	92/92	92/92	92	100	III
IV	0	0/0	0/46	0/0/46	0/46	0/46/46	46/46/46	46/92/92	46/92	92/92	92	100	IV
V	0	0/46	0/46	0/0/46	0/46	0/46/46	46/46/46	46/46/92	46/92	46/92	92	100	V

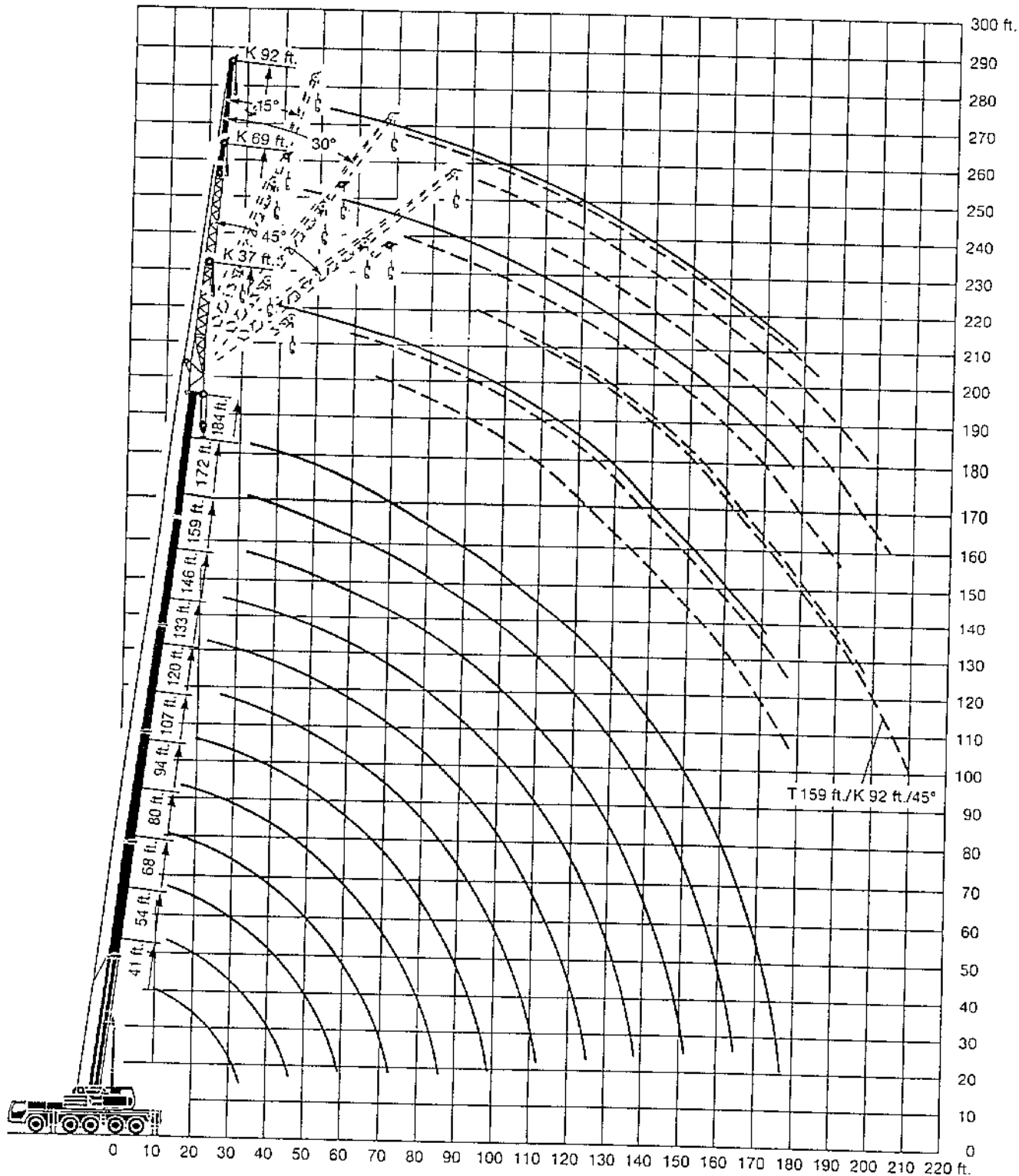
TAB 110103

Remarks referring to load charts.

- The tabulated lifting capacities do not exceed 85 % of the tipping load.
- The crane's structural steelwork is in accordance with DIN 15018, part 3. Design and construction of the crane comply with DIN 15018, part 2, and with F. E. M. regulations.
- The 85 % overturning limit values take into account wind force 5 = wind speed 20 mph.
- Lifting capacities are given in kips.
- The weight of the hook blocks and hooks must be deducted from the lifting capacities.
- Working radii are measured from the slewing centreline.
- The lifting capacities given for the telescopic boom only apply if the folding jib is taken off.
- Lifting capacities are subject to modifications.
- Lifting capacities above 243 kips only with additional pulley block / special equipment.

Lifting heights.

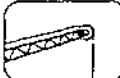
LTM 1120/1



Lifting capacities at the folding jib.



133 ft - 184 ft



37 ft





360°



77 200 lbs

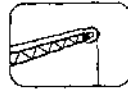
85%

ft	133 ft				146 ft				159 ft				172 ft				184 ft				ft
	37 ft				37 ft				37 ft				37 ft				37 ft				
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	
30	38.1																				30
32	38.1																				32
34	38				32.5																34
36	37.7				32.4																36
38	37.4				32.3																38
40	37	27.9			32	27.2			25.5				20.6				14.3				40
45	35.2	26.4			30.5	25.8			24.5				19.7				14.3				45
50	33.1	25.1	19.4		28.6	24.6			23.2	21.6			18.9	17.8			14.3				50
55	30.9	23.9	18.7	15.9	26.6	23.5	18.7		21.9	20.3	16.3		18.1	16.9	15.6		14.3	13.7			55
60	28.8	22.8	18.1	15.7	24.7	22.6	18	15.5	20.5	19.1	16.2	13.1	17.1	16.1	15	12.4	14.1	13.6	12.9		60
65	26.9	21.8	17.4	15.3	23	21.7	17.3	15.2	19.3	18	16.2	13.1	16.1	15.2	14.4	12.4	13.4	12.9	12.2		65
70	24.9	20.9	16.7	15	21.5	20.6	16.6	14.9	18.1	17	15.6	12.8	15.1	14.3	13.8	12.2	12.7	12.2	11.7	11.2	70
75	23.1	20.1	16	14.3	20	19.4	15.8	14.4	17.1	16.1	14.9	12.3	14.2	13.5	13.1	11.9	12	11.5	11.1	10.8	75
80	21.3	19.4	15.3	13.5	18.7	18.2	15.1	13.6	16	15.2	14.2	11.8	13.4	12.7	12.4	11.5	11.3	10.9	10.6	10.4	80
85	19.2	18.7	14.6	12.6	17.5	17.1	14.4	12.8	15	14.4	13.5	11.3	12.2	12	11.7	11	10.7	10.3	10.1	10	85
90	17.4	18	13.8	11.8	16.5	16.1	13.7	12	14.1	13.6	12.8	10.7	11.9	11.4	11.1	10.6	10.1	9.8	9.6	9.6	90
95	15.7	16.7	13.1	11.1	15.2	15.1	13	11.3	13.2	12.9	12.1	10.1	11.3	10.8	10.6	10.1	9.5	9.3	9.2	9.2	95
100	14.1	15	12.4	10.4	13.8	14.2	12.4	10.6	12.4	12.2	11.5	9.6	10.7	10.3	10.1	9.6	9	8.9	8.8	8.8	100
105	12.6	13.5	11.7	9.7	12.3	13.3	11.8	9.9	11.7	11.6	10.9	9.2	10.1	9.9	9.7	9.2	8.6	8.4	8.4	8.5	105
110	11.1	11.9	11	9.1	10.8	11.7	11.3	9.4	10.9	10.9	10.3	8.8	9.6	9.4	9.3	8.7	8.1	8.1	8.1	8.1	110
115	9.9	10.6	10.4	8.6	9.6	10.4	10.6	8.9	9.9	10.3	9.8	8.5	9.1	9	8.9	8.3	7.8	7.7	7.7	7.7	115
120	8.9	9.4	9.7	8.1	8.7	9.3	9.8	8.4	8.9	9.5	9.3	8.1	8.7	8.7	8.6	7.9	7.4	7.4	7.4	7.4	120
125	8	8.5	8.9	7.7	7.8	8.4	8.8	8	8.1	8.6	8.8	7.8	8.2	8.4	8.2	7.5	7.1	7.1	7.1	7	125
130	7.2	7.7	8	7.4	7	7.5	8	7.6	7.5	7.8	8.2	7.5	7.6	8	7.9	7.1	6.8	6.8	6.8	6.7	130
135	6.6	6.9	7.2	7	6.6	6.8	7.1	7.2	7.1	7.4	7.5	7.3	6.8	7.3	7.5	6.8	6.4	6.5	6.5	6.4	135
140	6.3	6.5	6.5	6.5	6.2	6.5	6.5	6.6	6.7	7	6.8	6.8	6.1	6.6	7	6.5	5.9	6.2	6.2	6.1	140
145	6.1	6.3	6.2	5.7	5.9	6.1	6.2	6	6.3	6.7	6.6	6.2	5.4	5.9	6.3	6.2	5.2	5.7	6	5.9	145
150	5.9	6	5.8	4.8	5.7	5.8	5.9	5.9	5.9	6.3	6.4	5.5	4.8	5.3	5.6	5.6	4.6	5.1	5.4	5.6	150
155	5.6	5.7	5.5	4.3	5.4	5.5	5.6	5.7	5.4	5.7	5.9	5.2	4.3	4.7	5	5.2	4	4.5	4.8	5	155
160					5.2	5.2	5.3	5.5	4.9	5.2	5.4	5	3.7	4.1	4.4	4.5	3.5	3.9	4.2	4.4	160
165					4.9	4.9	5	5.2	4.4	4.6	4.8	4.6	3.3	3.6	3.8	4	3	3.4	3.7	3.8	165
170					4.4	4.6	4.6	4.5	3.8	4.1	4.2	4.2	2.7	3.1	3.3	3.4	2.6	2.9	3.2	3.3	170
175									3.3	3.5	3.7	3.6	2.2	2.5	2.8	2.8	2.1	2.4	2.7	2.8	175
180									2.8	3	3.1				2.2	2.2			2.2	2.2	180
I	92/ 0				92/ 0				92/46				92				100				I
II	92/46				92/92				92/92				92				100				II
III	46/92				92/92				92/92				92				100				III
IV	46/92				46/92				92/92				92				100				IV
V	46/92				46/92				46/92				92				100				V

TAB 110168 / 110161 / 110162 / 110163



133 ft - 184 ft



69 ft



360°



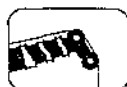
77 200 lbs

85%

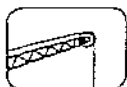
	133 ft				146 ft				159 ft				172 ft				184 ft				
	69 ft				69 ft				69 ft				69 ft				69 ft				
ft	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	ft
40	16.8				15.5																40
45	16.4				15.2																45
50	15.9				14.8				13.6				12.1				8.3				50
55	15.4	13.2			14.5				13.2				11.6				8.3				55
60	14.9	12.7			14.1	12.1			12.8	11.4			11	10.3			8.3				60
65	14.4	12.3			13.7	11.8			12.5	11.1			10.6	10			8.3				65
70	13.9	11.9	10.2		13.3	11.5			12.1	10.8			10.2	9.7			8.3	8			70
75	13.5	11.5	9.9		12.9	11.1	9.7		11.8	10.6	9.4		9.8	9.3			8.2	8			75
80	13	11.1	9.7	7.2	12.5	10.8	9.5		11.5	10.3	9.2		9.5	9	8.2		8	7.9	7.6		80
85	12.6	10.8	9.5	7.1	12.2	10.5	9.4		11	10.1	9.1		9.2	8.7	8		7.7	7.6	7.3		85
90	12.2	10.5	9.3	7.1	11.8	10.3	9.2	6.8	10.5	9.9	9	6.7	8.8	8.4	7.8	6.8	7.4	7.3	7		90
95	11.8	10.2	9.1	7	11.5	10	9.1	6.8	10	9.5	8.8	6.6	8.5	8.1	7.7	6.7	7.1	7	6.8	6.5	95
100	11.5	10	8.9	7	11.1	9.8	8.9	6.8	9.5	9.1	8.7	6.6	8.1	7.9	7.5	6.6	6.9	6.8	6.5	6.4	100
105	11.1	9.7	8.7	6.9	10.8	9.6	8.8	6.7	9.1	8.7	8.5	6.6	7.8	7.6	7.3	6.6	6.9	6.5	6.3	6.2	105
110	10.8	9.5	8.5	6.8	10.3	9.4	8.6	6.7	8.7	8.4	8.2	6.5	7.5	7.3	7.1	6.5	6.4	6.2	6.1	6	110
115	10.3	9.3	8.4	6.7	9.8	9.2	8.5	6.7	8.3	8	7.9	6.5	7.2	7	6.9	6.4	6.1	5.9	5.9	5.8	115
120	9.7	9.1	8.2	6.6	9.2	9	8.4	6.6	8	7.7	7.6	6.4	6.9	6.7	6.6	6.3	5.9	5.7	5.7	5.6	120
125	8.9	9	8.1	6.5	8.5	8.8	8.3	6.5	7.6	7.4	7.3	6.3	6.6	6.4	6.4	6.1	5.6	5.4	5.5	5.5	125
130	8.1	8.7	7.9	6.4	7.8	8.4	8.1	6.5	7.3	7.2	7.1	6.2	6.3	6.2	6.1	6	5.3	5.2	5.3	5.3	130
135	7.4	8.2	7.8	6.3	7	7.9	7.9	6.4	6.9	6.9	6.8	6.1	6	5.9	5.9	5.9	5.1	5	5.1	5.1	135
140	6.7	7.5	7.6	6.2	6.4	7.3	7.7	6.3	6.3	6.6	6.6	6	5.8	5.7	5.7	5.7	4.8	4.7	4.8	4.9	140
145	6	6.8	7.4	6.1	5.7	6.6	7.3	6.2	5.7	6.4	6.3	5.9	5.5	5.5	5.5	5.5	4.6	4.5	4.6	4.8	145
150	5.4	6.2	6.8	5.9	5.1	6	6.6	6.1	5.2	5.9	6.1	5.7	5.2	5.3	5.3	5.4	4.3	4.3	4.4	4.6	150
155	4.9	5.6	6.1	5.8	4.6	5.3	6	6	4.9	5.3	5.8	5.6	4.6	5.1	5.1	5.2	4.1	4.2	4.2	4.4	155
160	4.3	5	5.5	5.5	4.4	4.6	5.4	5.6	4.7	4.8	5.4	5.4	4.1	4.8	4.9	5	3.7	4	4	4.2	160
165	3.8	4.4	4.8	5.1	4.1	4.3	4.7	5.1	4.5	4.5	4.8	5.2	3.6	4.4	4.7	4.6	3.3	3.8	3.9	4	165
170	3.7	3.9	4.2	4.3	3.9	4.1	4.2	4.4	4.2	4.3	4.4	4.6	3.1	3.8	4.4	4.6	2.8	3.6	3.7	3.8	170
175	3.6	3.7	3.7	3.8	3.7	3.8	3.9	4.1	3.8	4.1	4.2	4.3	2.7	3.4	3.9	4.2	2.4	3.1	3.5	3.7	175
180	3.5	3.5	3.5	3.5	3.5	3.6	3.7	4	3.4	3.8	4.1	4.1	2.3	2.9	3.4	3.7	2	2.7	3.2	3.4	180
185	3.3	3.3	3.3		3.3	3.4	3.5	3.8	2.9	3.4	3.8	3.9		2.5	2.9	3.2		2.2	2.8	3.1	185
190	3.2	3.1	3.1		3.1	3.2	3.3	3.6	2.5	3	3.4	3.5		2.1	2.5	2.7		1.8	2.3	2.6	190
195					2.8	3	3		2.1	2.6	2.9	2.9			2	2.2			1.9	2.1	195
200					2.5	2.6				2.1	2.4	2.3									200
I	92/ 0				92/ 0				92/46				92				100				I
II	92/46				92/92				92/92				92				100				II
III	46/92				92/92				92/92				92				100				III
IV	46/92				46/92				92/92				92				100				IV
V	46/92				46/92				46/92				92				100				V

TAB 110168 / 110161 / 110162 / 110163

Lifting capacities at the folding jib.



133 ft - 184 ft



92 ft



360°



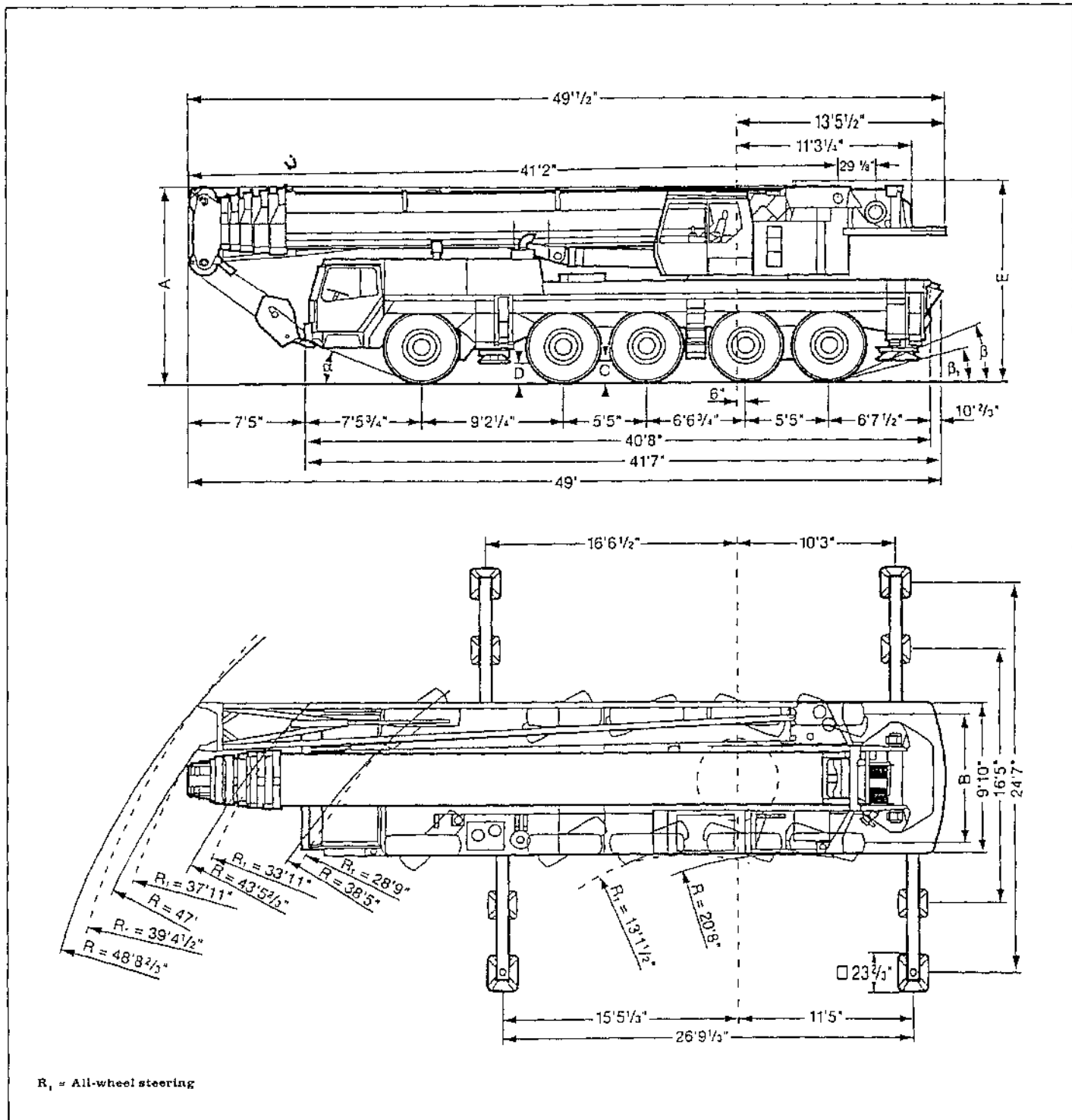
77 200 lbs

85%

	133 ft				146 ft				159 ft				172 ft				184 ft				
	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	0°	15°	30°	45°	
40	12.3																				40
45	12.1																				45
50	11.9				11				9.8												50
55	11.7				10.8				9.6				8.6								55
60	11.5				10.6				9.5				8.4								60
65	11.2				10.4				9.5				8.1								65
70	10.9	9.3			10.2	9			9.3				7.9								70
75	10.6	9			10	8.7			9.1	8.2			7.6	7			3.7				75
80	10.3	8.7			9.7	8.5			8.9	8			7.4	6.7			3.7				80
85	10	8.4			9.5	8.2			8.6	7.8			7.1	6.5			3.7				85
90	9.6	8.1	6.6		9.3	7.9	6.4		8.3	7.6	6.1		6.9	6.3			3.7	3.1			90
95	9.3	7.9	6.4		9	7.7	6.2		8	7.4	6		6.6	6.1	5.6		3.7	3.1			95
100	8.9	7.6	6.3	4.7	8.7	7.5	6.1	4.7	7.7	7.2	5.9		6.4	5.9	5.4		3.7	3.1	2.6		100
105	8.6	7.4	6.1	4.6	8.5	7.3	6	4.6	7.4	7	5.8	4.6	6.1	5.7	5.3	4.3	3.7	3.1	2.6		105
110	8.3	7.2	5.9	4.5	8.2	7.1	5.8	4.6	7.1	6.8	5.8	4.5	5.9	5.6	5.1	4.2	3.7	3.1	2.6		110
115	8	6.9	5.8	4.4	7.9	6.9	5.7	4.5	6.8	6.5	5.7	4.4	5.7	5.4	5	4.1	3.7	3.1	2.6	2.4	115
120	7.7	6.7	5.7	4.4	7.7	6.7	5.6	4.4	6.5	6.2	5.6	4.3	5.4	5.2	4.8	4.1	3.7	3.1	2.6	2.4	120
125	7.4	6.6	5.6	4.3	7.4	6.5	5.6	4.4	6.2	6	5.5	4.3	5.2	5	4.7	4.1	3.7	3.1	2.6	2.4	125
130	7.2	6.4	5.5	4.2	7.1	6.3	5.5	4.3	5.9	5.7	5.4	4.2	4.9	4.9	4.6	4.1	3.7	3.1	2.6	2.4	130
135	6.9	6.2	5.4	4.2	6.8	6.2	5.4	4.3	5.7	5.5	5.2	4.1	4.7	4.7	4.4	4	3.7	3.1	2.6	2.4	135
140	6.6	6	5.3	4.2	6.5	6	5.4	4.2	5.4	5.3	5.1	4.1	4.5	4.5	4.3	4	3.6	3.1	2.6	2.4	140
145	6.1	5.8	5.3	4.1	5.7	5.8	5.3	4.2	5.2	5.1	5	4	4.3	4.3	4.2	3.9	3.4	3.1	2.6	2.4	145
150	5.5	5.7	5.2	4.1	5.1	5.7	5.2	4.1	4.9	4.9	4.8	3.9	4.1	4.1	4	3.9	3.2	3.1	2.6	2.4	150
155	4.9	5.5	5.1	4.1	4.6	5.5	5.1	4.1	4.4	4.7	4.6	3.9	3.9	4	3.9	3.8	3.1	3.1	2.6	2.4	155
160	4.4	5.3	5.1	4.1	4	5.1	5.1	4.1	3.9	4.5	4.5	3.9	3.7	3.8	3.7	3.8	2.9	3	2.6	2.4	160
165	3.9	4.8	5	4.1	3.6	4.5	4.9	4	3.4	4.3	4.3	3.8	3.5	3.6	3.6	3.7	2.8	2.8	2.6	2.4	165
170	3.4	4.3	4.9	4.1	3.1	4	4.7	4	3.3	3.9	4.1	3.8	3	3.5	3.4	3.6	2.6	2.7	2.6	2.4	170
175	2.9	3.8	4.4	4.1	2.9	3.5	4.3	4	3.1	3.4	4	3.8	2.6	3.3	3.3	3.5	2.2	2.6	2.6	2.4	175
180	2.6	3.3	3.9	4	2.7	3	3.7	3.9	3	3	3.7	3.7	2.1	3	3.2	3.4		2.4	2.6	2.4	180
185	2.4	2.8	3.4	3.6	2.6	2.7	3.2	3.6	2.7	2.9	3.2	3.6		2.6	3	3.3		2.2	2.4	2.4	185
190	2.2	2.4	2.8	3	2.4	2.6	2.7	3.1	2.4	2.7	2.8	3.2		2.2	2.9	3.2		1.9	2.3	2.4	190
195	2.1	2.2	2.3	2.4	2.2	2.4	2.5	2.7	2.1	2.6	2.7	2.8			2.5	2.8			2.1	2.2	195
200	2	2	2.1	2.3	2	2.2	2.3	2.6		2.3	2.6	2.7			2	2.4				2.1	200
205	1.9	1.9	1.9		1.9	2	2.1	2.4			2.4	2.5									205
210							1.9														210
215							1.8														215
I	92/ 0				92/ 0				92/46				92				100				I
II	92/46				92/92				92/92				92				100				II
III	46/92				92/92				92/92				92				100				III
IV	46/92				46/92				92/92				92				100				IV
V	46/92				46/92				46/92				92				100				V

TAB 110168 / 110161 / 110162 / 110163

Dimensions.



16.00 R 25	Dimensions								
	A	A ₀ **	B	C	D	E	α	β	β ₁
	13' 1 1/4"	12' 7 1/4"	8' 4 3/4"	18' 1/4"	14' 1/2"	13' 3/4"	23°	23°	15°

* lowered

Weights.



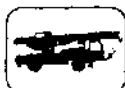
Axle	1	2	3	4	5	Total weight
lbs	26500	26500	26500	26500	26500	132500 ¹⁾

¹⁾ with 15400 lbs counterweight



Load (kips)	No. of sheaves	No. of lines	Weight lbs
264	9	18	2340
236	7	14	2200
178	5	11	1765
116	3	7	1235
50	1	3	970
17.6	-	1	420

Working speeds.



	1	2	3	4	5	R	
mph	9.3	14.3	22.3	33	47	8	-
mph	5	8	13	19.3	27.3	4.7	45 %
	16.00 R 25						



Drive	infinitely variable	Rope diameter / Rope length	Max. single line pull
	0 - 362 ft/min single line	$\frac{37}{32}$ " / 900'	17400 lbs
	0 - 362 ft/min single line	$\frac{37}{32}$ " / 656'	17400 lbs
	0 - 1.5 rpm		
	approx. 50 seconds to reach 83° boom angle		
	approx. 400 seconds for boom extension from 41 ft - 184 ft		

Crane carrier.

Frame:	Liebherr designed and manufactured, box type, torsion resistant, all-welded construction made of high-tensile structural steel.
Outriggers:	4-point support, all-hydraulic horizontal and vertical operation.
Engine:	8 cylinder, watercooled Liebherr Diesel, type D 9408 TI-E, 400 kW (544 HP) at 2100 rpm acc. to ECE 24.03 and ECE-R 49.02 (EURO II), max. torque 1640 lbs-ft at 1575 rpm. Fuel tank capacity: 132 gallons.
Transmission:	Allison automatic transmission with torque converter and hydrodynamic retarder brake, 5 forward and 1 reverse speed. Transfer case with off-road range.
Axles:	All axles steered. Axles 1,2, 4 and 5 with planetary gears and differential locks.
Suspension:	All axles with hydropneumatic suspension and hydraulic locking facility.
Tyres:	10 tyres. Tyre size: 16.00 R 25.
Steering:	Hydraulic power steering with dual circuit hydraulic system, mechanical/hydrostatic from lower cab. Stand-by steering pump. Steering acc. to EC directive 70/311/EEC.
Brakes:	Service brake: Dual circuit, servo-air brake, acting on all wheels. Hand brake: by spring action on all wheels of axles 2 to 5. Brakes acc. to EC directive 71/320/EEC.
Driver's cab:	Spacious all-steel cab on resilient mountings, safety glass windows and full range of instruments.
Electrical system:	24 V DC, 2 batteries, lighting according to countries' regulations.

Crane superstructure.

Frame:	Liebherr-made, torsion-resistant, welded construction made of high-tensile structural steel. Connection to truck chassis by triple roller slewing ring, designed for 360° continuous rotation.
Crane engine:	4 cylinder, watercooled Liebherr Diesel, type D 924 T-E, 120 kW (163 HP) at 1800 rpm acc. to EPA/CARB and IMO 1 acc. to ISO 8178 C 1, max. torque 529 lbs-ft at 1200 rpm. Fuel tank capacity: 79 gallons.
Crane drive:	Diesel-hydraulic, with 1 duplex axial-piston pump with automatic output control, 1 duplex gear-type pump, open regulated hydraulic circuits. The hydraulic drive in compact construction is directly flanged to the diesel engine.
Crane control:	Load sensing system, 4 working motions can be performed at the same time, by 2 control levers (joy stick type).
Hoist gear:	Axial piston fixed displacement motor, hoist drum with integrated planetary gear and spring loaded static brake.
Luffing gear:	1 differential hydraulic ram with safety check valve.
Slewing gear:	Axial piston fixed displacement motor, planetary gear, spring loaded static brake.
Crane cab:	All-steel construction fully galvanized, safety glazing, heater, controls and instruments.
Safety devices:	LICCON safe load indicator, hoist limit switch, safety valves against rupture of pipe and hoses.
Telescopic boom:	1 base section and 5 telescopic sections, hydraulically extendable under load. All sections extendable independently. Boom length: 41 ft to 184 ft.
Folding jib:	37 ft to 92 ft long, for mounting on telescopic boom at 0°, 15°, 30° or 45°.
2nd hoist gear:	For two-hook operation, or with folding jib in case main hoist shall remain reeved.
Electrical system:	24 V DC, 2 batteries.