Rough Terrain Crane/Grue Rough-Terrain

LRT 1100-2.1



GUAY

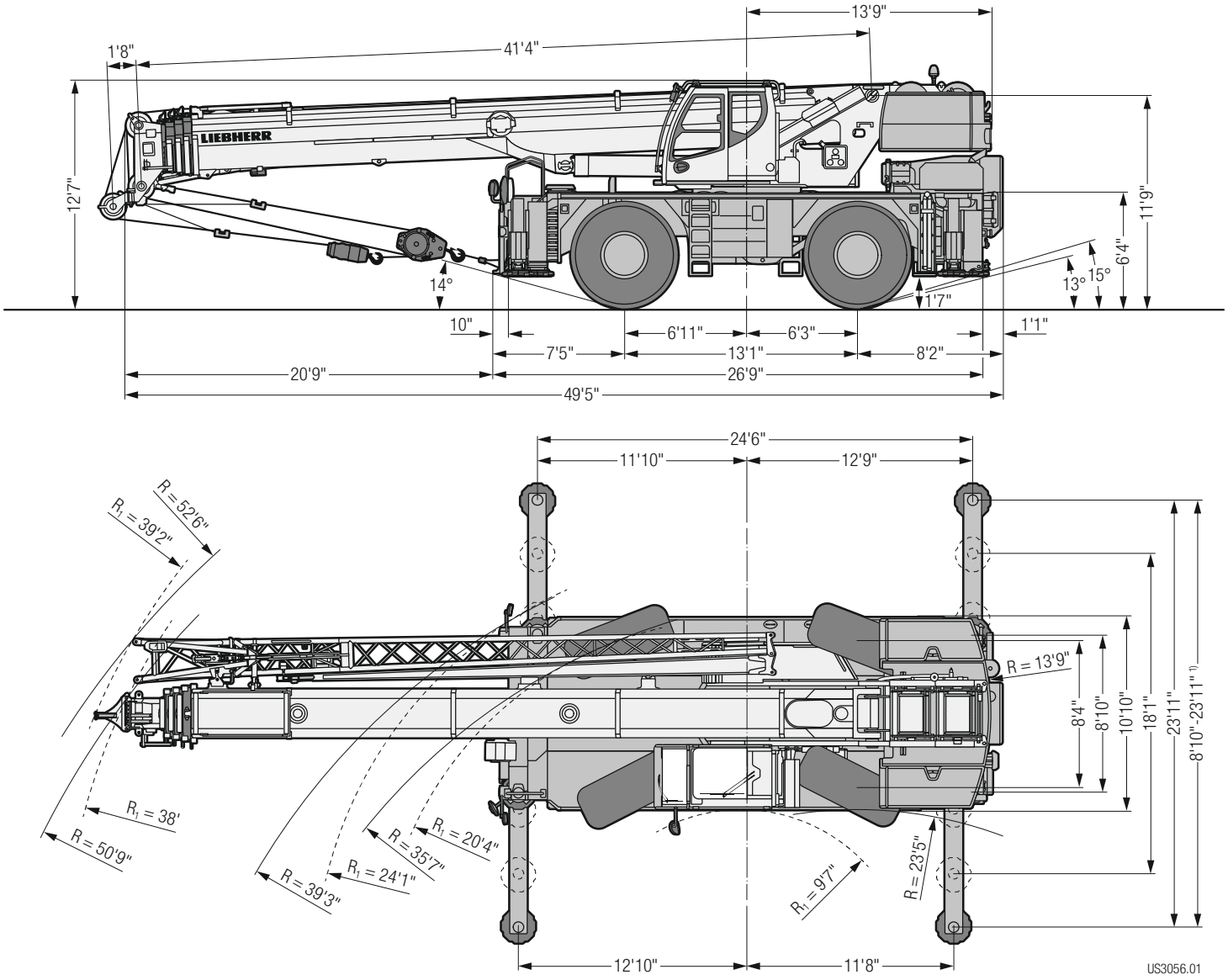
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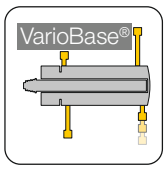
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Dimensions
Encombrement



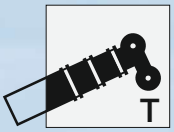
R_1 = All-wheel steering · Direction toutes roues

1)

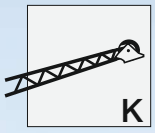


Rough Terrain Crane / Grue Rough-Terrain
LRT 1100-2.1

GUAY



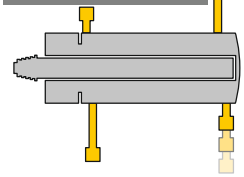
164 ft



34 ft – 62 ft

€COmode

VarioBase®



SafetyChart



global




14t
LRT 1100-2.1

Comfortable Workplace
Un poste de travail confortable



Extra wide crane cab

- For more comfort 0.7 ft wider than customary cabs
- Simple and safe handling due to clearly layed out and self-explanatory controls
- 20° tiltable backwards
- Sidewards extendable running board for safe access of the crane cab

Cabine de grue extra large

- Plus large de 0.7 ft que les autres cabines disponibles dans le commerce pour plus de confort
- Simplicité et sécurité d'utilisation grâce à des éléments de commande visibles et explicites
- Inclinable à 20° vers l'arrière
- Marchepied déployable sur le côté pour un accès sécurisé à la cabine de grue

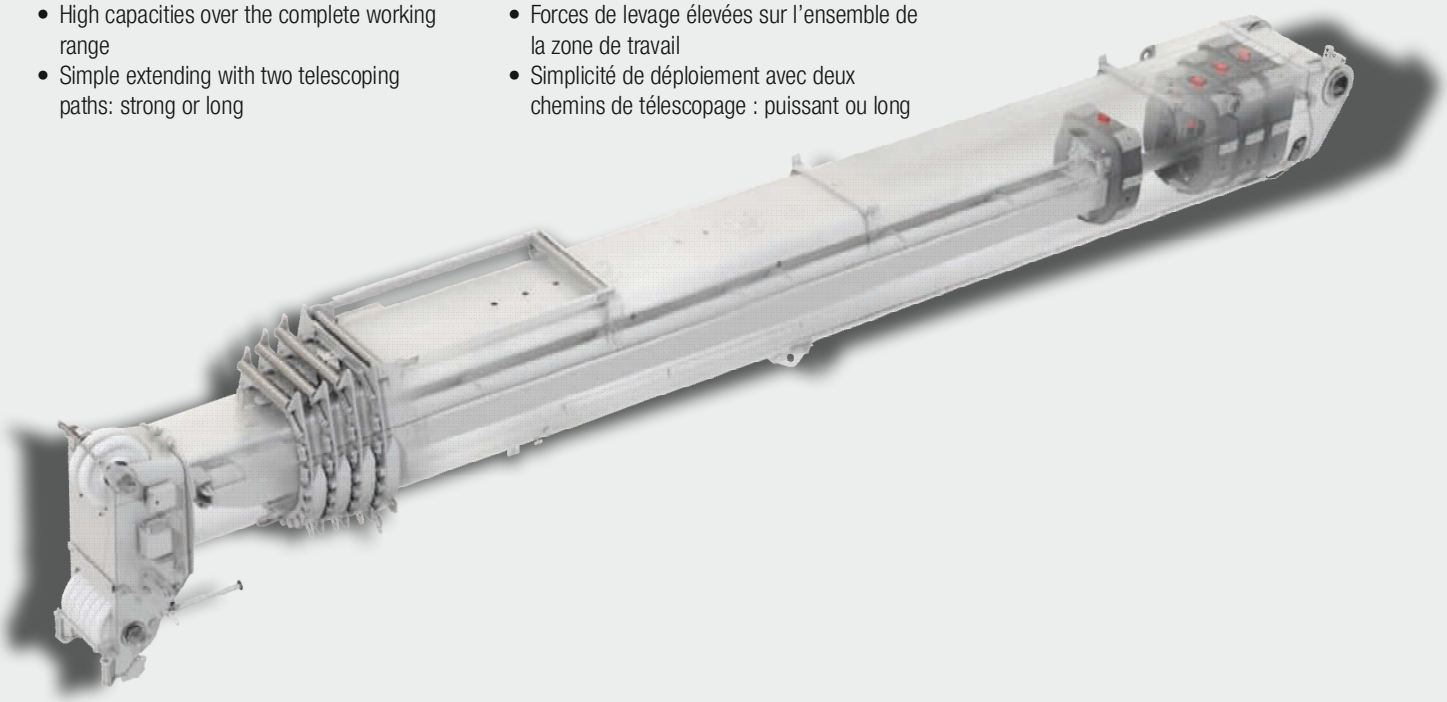
Proven telescoping technology

High performance boom with single cylinder system

- Automatic fast cycle telescoping system TELEMATIK
- High capacities over the complete working range
- Simple extending with two telescoping paths: strong or long

Une flèche encore plus puissante avec un système à un vérin

- Système de télescopage séquentiel rapide automatique TELEMATIK
- Forces de levage élevées sur l'ensemble de la zone de travail
- Simplicité de déploiement avec deux chemins de télescopage : puissant ou long

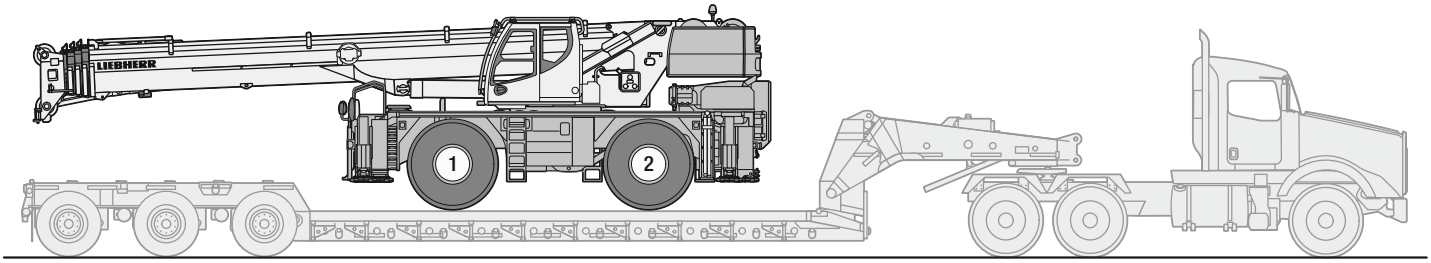




Safe and easy operation
Sécurité et simplicité d'utilisation

Automatic support leveling
Mise à niveau automatique du calage

Transportation
Transport



US3251

Basic unit/Machine de base

Without ballast, inclusive auxiliary winch, boom nose, boom position at -2.5° Sans lest, avec treuil auxiliaire, poulie en extrémité de mât, Position de la flèche à -2,5°	Total weight Poids total	1	2
	84,582 lbs	57,099 lbs	27,483 lbs

All weights are to be understood with a difference of ±2.5 %/Tous les poids sont indiqués avec une différence de ±2,5 %

Crane superstructure/Partie tournante

	+30,867 lbs	-9,837 lbs	+40,704 lbs
Hydraulic ballasting device Dispositif de lestage hydraulique	+915 lbs	+1,122 lbs	-207 lbs

Working attachement/Equipement de travail

*)		+3,452 lbs	+6,210 lbs	-2,758 lbs
220,000 lbs		+1,676 lbs	+1,991 lbs	-315 lbs
142,419 lbs		+1,169 lbs	+1,387 lbs	-218 lbs
93,256 lbs		+992 lbs	+1,177 lbs	-185 lbs
41,226 lbs		+662 lbs	+785 lbs	-123 lbs
13,889 lbs		+309 lbs	+366 lbs	-57 lbs

* Transportation position/Position de transport

Weights
Poids

Hook block / Moufles à crochet

Load lbs Forces de levage lbs		No. of sheaves Poulies	No. of lines Brins	Weight lbs Poids lbs
220,000		7	14	1,676
142,419		5	11	1,169
93,256		3	7	992
41,226		1	3	661
13,889		–	1	309

Working speeds
Vitesses

Crane carrier / Châssis porteur

	mph min.	mph max.	%
29.5 R 25	0 – 1.2	15.5	> 60

Theorical gradeability / Aptitude théorique en pente

	
	3 / R1
	3 / R1

Crane superstructure / Partie tournante

Drive Mécanismes	infinitely variable en continu	Rope diameter / length Diamètre / Longueur du câble	Max. single line pull Effort au brin maxi.
	0 – 456 ft/min single line ft/min au brin simple	0.67" / 787 ft	14,162 lbs
	0 – 456 ft/min single line ft/min au brin simple	0.67" / 607 ft	14,162 lbs
	0 – 1.5 rpm		
	approx. 47 seconds to reach 80.5° boom angle env. 47 s jusqu'à 80,5°		
	approx. 285 seconds for boom extension from 41 ft – 164 ft env. 285 s pour passer de 41 ft – 164 ft		

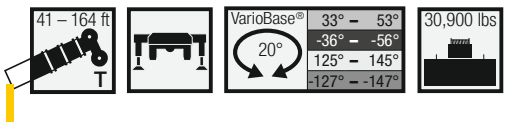
Lifting capacities
Forces de levage



	41 ft	57 ft	72 ft	87 ft	103 ft	118 ft	134 ft	149 ft	164 ft	
8	220**									8
10	169.7*	125.4	118.2							10
15	131	123.3	114.5	90.2						15
20	107.8	103	97.9	80.6	66.7	42.4				20
25	82.4	82.8	77	67.9	59.9	38.1	35.2			25
30	63.1	62.6	58.7	54.5	50.2	34.5	32.6	30.2		30
35		47.9	46.8	43.4	40.2	31.1	29.9	28.5	23.6	35
40		37.6	37.4	35.6	32.9	28.3	27.3	26.6	23.1	40
45		30.5	30.3	29	27.5	25.9	24.9	24.7	22.2	45
50			26.3	23.7	22.8	23.6	22.9	22.9	20.7	50
55			22.7	19.7	19.5	21.9	21	20.9	19.1	55
60			19.5	16.4	17.7	19.7	18.9	18.2	17	60
65			15.2	13.8	16.4	17	16.3	15.5	14.6	65
70				11.7	14.9	14.8	14	13.3	12.4	70
75				10	13.1	12.9	12.2	11.5	10.7	75
80				8.8	11.4	11.3	10.6	10	9.3	80
85					10.1	10	9.4	8.9	8.2	85
90					9.1	9	8.4	7.9	7.3	90
95					8.4	8.1	7.6	7.1	6.4	95
100						7.4	6.8	6.4	5.7	100
105						6.7	6.2	5.7	5.1	105
110						6.2	5.6	5.1	4.5	110
115							5	4.6	4	115
120							4.6	4.1	3.5	120
125							4.2	3.7	3.1	125
130								3.3	2.6	130
135								3	2.3	135
140								2.6	1.9	140

* only with additional pulley block/seulement avec moufle additionnel
** only with additional special equipment/seulement avec equipement supplementaire

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VarioBase®

	41 ft	57 ft	72 ft	87 ft	103 ft	118 ft	134 ft	149 ft	164 ft	
10	154.1	125.4	118.2							10
15	131	123.2	114.6	90.2						15
20	107.6	103	97.9	80.7	66.6	42.3				20
25	82	82.9	83.1	67.9	60	38.1	35.1			25
30	65	66.1	65.5	58.9	52	34.6	32.6	30.2	24	30
35		52.9	52.5	47.8	43.2	31.1	30	28.4	23.6	35
40		43.2	42.5	39.9	36.2	28.4	27.3	26.7	23.1	40
45		36.2	35.3	34	30.6	26	24.9	24.7	22	45
50			30	29.1	26.2	23.6	22.9	22.9	20.7	50
55			25.8	25.1	22.7	21.8	20.9	21.4	19.2	55
60			22.7	22.3	19.8	20.3	19.2	20.1	17.9	60
65			19.8	20.7	17.4	18.7	18.1	18.5	16.8	65
70				19.2	15.2	17.4	16.8	16.5	15.2	70
75				17.2	13.9	16.3	15.4	14.8	13.4	75
80				15.7	13	15.2	14.3	13.2	11.9	80
85					12.1	13.7	12.8	11.9	10.8	85
90					11.5	12.3	11.7	10.8	9.7	90
95					10.8	11.2	10.6	9.7	8.6	95
100						10.4	9.7	8.8	7.7	100
105						9.5	8.8	8.2	6.8	105
110						8.8	8.2	7.5	6.2	110
115							7.3	6.8	5.5	115
120							6.8	6.2	5.1	120
125							6.2	5.7	4.6	125
130								5.3	4	130
135								4.9	3.7	135
140								4.4	3.3	140
145									2.4	145



+12,6 %

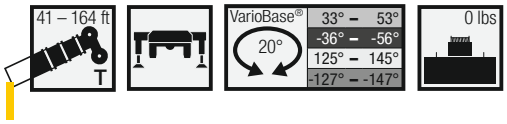
LRT_1100-2.1_Muli_2

Lifting capacities
Forces de levage



	41 ft	57 ft	72 ft	87 ft	103 ft	118 ft	134 ft	149 ft	164 ft	
10	154.1	125.4	118.2							10
15	127.1	115.1	98.9	84.8						15
20	71.8	65.7	59.2	52.6	46.8	42.4				20
25	46.9	44	43.5	36.5	37.7	36.7	33.8			25
30	31.5	31.7	32.5	26.9	30	28.4	26.3	24.3	22.1	30
35		22.7	25	20.4	23.8	22.6	20.9	19.4	17.4	35
40		16.7	18.9	15.4	19.3	18.4	17	15.7	13.9	40
45		12.6	14.6	11.3	15.4	15	13.9	12.8	11.2	45
50			11.4	8.6	12.1	11.8	10.9	10.3	9.1	50
55			9.2	6.8	9.7	9.5	8.9	8.2	7.4	55
60			7.6	5.2	8.1	7.9	7.3	6.7	5.9	60
65			5	4.1	6.9	6.6	6.1	5.5	4.7	65
70				3	5.8	5.6	5	4.5	3.7	70
75					4.9	4.7	4.2	3.7	2.8	75
80					4.1	4	3.4	2.9	1.8	80
85					3.5	3.3	2.8	2.1		85
90					2.9	2.8	2.1			90
95					2.4	2.2				95

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VarioBase®

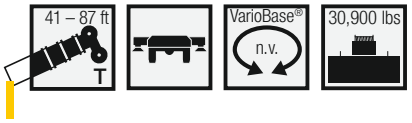
	41 ft	57 ft	72 ft	87 ft	103 ft	118 ft	134 ft	149 ft	164 ft	
10	154.1	125.4	118.2							10
15	127	123.2	103.2	83.6						15
20	88.8	76.3	65.3	55.3	47.2	42.3				20
25	59.3	53.8	45.9	45.4	37.7	37.5	33.7			25
30	43.2	40.1	37.5	35.5	32.4	29.8	27.1	24.5	21.8	30
35		31.3	29.8	28.4	26.2	24.5	22.3	20.1	17.9	35
40		25.4	24.3	23.6	21.8	20.3	18.5	16.8	15	40
45		20.7	20.1	19.8	18.3	17.2	15.7	14.1	12.3	45
50			17	16.8	15.7	14.6	13.2	11.9	10.4	50
55			14.3	14.6	13.4	12.6	11.2	10.1	8.8	55
60			12.1	12.3	11.7	10.8	9.7	8.6	7.3	60
65			8.4	10.8	10.1	9.5	8.4	7.3	6.2	65
70				9.3	8.8	8.2	7.1	6.2	4.9	70
75				8.2	7.7	7.1	6	5.1	4	75
80				7.1	6.6	6.2	5.1	4.2	3.1	80
85					5.7	5.3	4.4	3.5	2.2	85
90					5.1	4.6	3.5	2.9	1.3	90
95					4.4	4	3.1	2	0.7	95
100						3.5	2.4	1.3		100
105						3.1	2	0.9		105
110						2.6	1.3	0.4		110
115							1.1			115
120							0.7			120
125							0.4			125



+27,1 %

LRT_1100-2.1_Muli_2

Lifting capacities
Forces de levage



	41 ft	57 ft	72 ft	87 ft	
15	40.3				15
20	30.2	31.7			20
25	23.1	24.7			25
30	18.5	19.6	20.3		30
35		16.1	16.5	17.4	35
40		13.4	13.4	14.3	40
45		11	11.2	11.7	45
50			9.5	9.9	50
55			7.7	8.6	55
60			6.6	7.3	60
65			4.6	6.2	65
70				5.5	70
75				4.9	75
80				4.2	80

n.v. = over front / en avant

LRT_1100-2.1_Muli_2



	41 ft	57 ft	72 ft	87 ft	
15	28.4				15
20	18.5	17.6			20
25	12.1	12.6			25
30	8.4	8.8	8.8		30
35		6.4	6.6	6.8	35
40		4.2	4.6	5.1	40
45		2.6	3.1	3.5	45
50			1.8	2.4	50
55			1.1	1.5	55
60				0.9	60

n.v. = over front / en avant

LRT_1100-2.1_Muli_2

Lifting capacities
Forces de levage



	41 ft	57 ft	72 ft	87 ft	
20	19.2				20
25	14.1	15.2			25
30	10.4	11.5	11.7		30
35		8.8	9	9.5	35
40		6.8	7.3	7.7	40
45		5.1	5.7	6.4	45
50			4.4	5.1	50
55			2.4	4.2	55
60			1.8	2.4	60
65				1.5	65
70				1.1	70
75				0.7	75
80				0.4	80

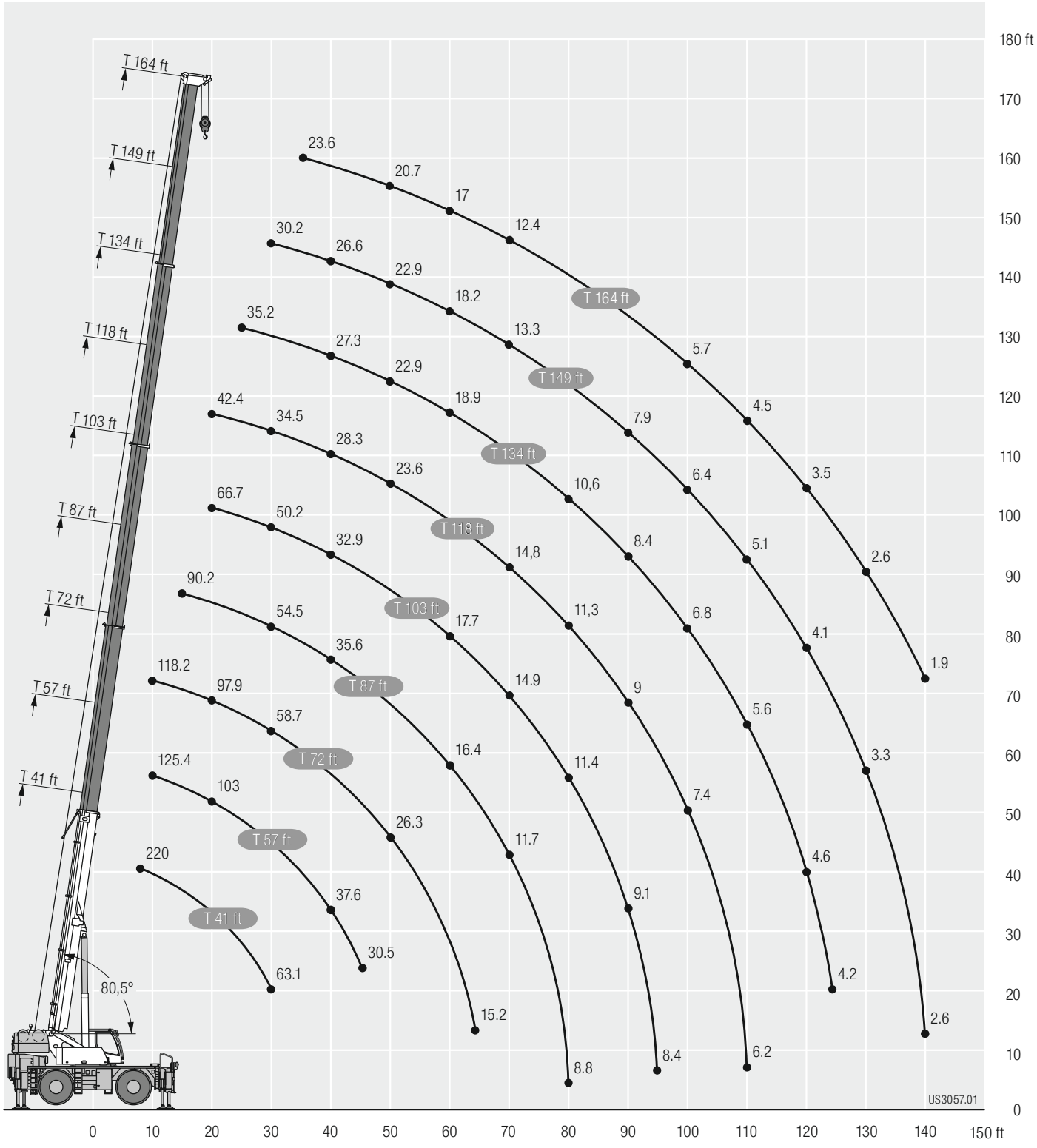
LRT_1100-2.1_Muli_2



	41 ft	57 ft	72 ft	
15	7.5			15
20	2.9	3.5		20
25	0.4	1.3		25

LRT_1100-2.1_Muli_2

Lifting heights
Hauteurs de levage



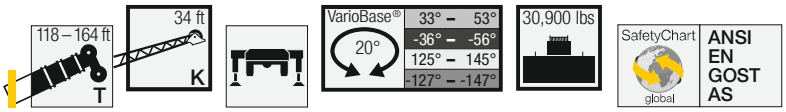
Lifting capacities
Forces de levage



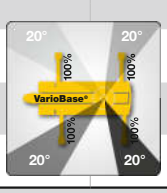
	41 ft			57 ft			72 ft			87 ft			103 ft			118 ft			134 ft			149 ft			164 ft			
	34 ft			34 ft			34 ft			34 ft			34 ft			34 ft			34 ft			34 ft			34 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
10	25			25			25																					10
15	25			25			25			25																		15
20	24.5	20.3		25	20.3		25			25			25															20
25	23	18.6	15	24.6	19.9		25	20.3		25	20.3		25			21.5												25
30	20.7	17.2	14.5	23.5	18.5	15	24.7	19.6	15	25	20.3		25	20.3		21.4			18.6			16.2						30
35	18.5	16	13.8	21.7	17.3	14.4	23.7	18.4	14.8	24.8	19.4	15	25	20.1		20.8	18.1		18.4			16.1			12.4			35
40	16.4	15	13.3	19.7	16.3	13.8	22.4	17.4	14.3	23.9	18.4	14.6	24.8	19.2	14.9	19.3	17.3		18	16.4		16			12.5			40
45	14.5	13.8	12.9	17.9	15.4	13.4	20.7	16.6	13.8	22.9	17.5	14.2	24.1	18.3	14.5	17.8	16.3	13.9	16.9	15.6		15.8	15		12.6			45
50	13	12.7	12.3	16.2	14.6	13	19	15.8	13.5	21.4	16.7	13.8	22.9	17.6	14.2	16.4	15.1	13.5	15.8	14.7	13.4	15.1	14.2		12.5	12.5		50
55	11.7	11.8	11.6	14.6	13.6	12.7	17.5	15.1	13.2	19.9	16	13.5	20.1	16.8	13.8	15.3	14.1	13.2	14.8	13.9	12.8	14.3	13.5	12.4	12.1	12		55
60	10.6	11.1	11.1	13.3	12.8	12.2	16.1	14.3	12.9	18.4	15.4	13.2	17.3	16.2	13.6	14.2	13.2	12.5	13.9	13	12.1	13.5	12.8	11.8	11.7	11.5	11.3	60
65	9.7	10.5	10.9	12.2	12	11.6	14.7	13.5	12.5	16	14.8	13	14.7	15.6	13.3	13	12.3	11.8	13.1	12.3	11.5	12.8	12.1	11.3	11.4	11	10.8	65
70				11.2	11.3	11.2	13.6	12.8	12.1	13.7	14.1	12.7	12.4	13.6	13.1	12.2	11.6	11.1	12.2	11.6	10.9	12.2	11.5	10.8	11	10.5	10.3	70
75				10.4	10.8		12.6	12.1	11.6	11.8	12.7	12.4	10.6	11.6	12.3	11.5	10.9	10.5	11.5	10.9	10.4	11.3	10.9	10.3	10.4	10.1	10	75
80				9.6	10.4		11.3	11.5	11.3	10.3	11	11.5	9.7	10	10.6	10.8	10.3	9.9	10.6	10.4	10	10.1	10.3	9.9	9.4	9.8	9.6	80
85							10	10.4	10.6	9	9.6	10	9.1	9	9.2	10	9.7	9.5	9.5	9.9	9.5	9	9.6	9.5	8.3	9.1	9.2	85
90							9.2	9.3		8	8.5	8.8	8.6	8.5	8.5	9.1	9.2	9.1	8.5	9.1	9.2	8	8.6	9.1	7.4	8.1	8.6	90
95							8.8	8.7		7.2	7.5	7.8	8.1	8	8.1	8.3	8.7	8.7	7.7	8.2	8.6	7.1	7.7	8.3	6.5	7.1	7.7	95
100										6.4	6.7		7.6	7.6	7.7	7.5	7.9	8.2	6.9	7.4	7.8	6.4	6.9	7.4	5.8	6.4	6.8	100
105										5.7	6		7.1	7.2	7.3	6.8	7.2	7.4	6.2	6.6	7	5.7	6.2	6.6	5.1	5.6	6.1	105
110										5.2	5.3		6.5	6.7	6.9	6.2	6.5	6.7	5.6	6	6.3	5.1	5.5	6	4.5	5	5.4	110
115													5.9	6.1		5.6	5.9	6.1	5.1	5.4	5.7	4.6	5	5.3	4	4.4	4.8	115
120													5.4	5.6		5.1	5.4	5.5	4.6	4.9	5.1	4.1	4.4	4.8	3.5	3.9	4.2	120
125													5	5.1		4.7	4.9		4.1	4.4	4.6	3.6	4	4.3	3	3.4	3.7	125
130																4.3	4.4		3.7	3.9	4.1	3.2	3.5	3.8	2.6	3	3.2	130
135																3.9	4		3.3	3.5	3.7	2.8	3.1	3.4	2.2	2.6	2.8	135
140																3.6	3.7		2.9	3.1		2.5	2.8	2.9	1.8	2.2	2.4	140
145																3.3			2.6	2.8		2.1	2.4	2.6		1.8	2	145
150																			2.2	2.4		1.7	2				1.5	150
155																			1.9	2			1.6					155
160																			1.6									160

t_273_00111_00_001

Lifting capacities
Forces de levage



	118 ft			134 ft			149 ft			164 ft			
	34 ft			34 ft			34 ft			34 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
25	21.6												25
30	21.4			18.5			16.1						30
35	20.9	18.1		18.3			16.1			12.3			35
40	19.4	17.2		18.1	16.3		16.1			12.6			40
45	17.9	16.3	13.9	17	15.7		15.9	15		12.6			45
50	16.5	15.2	13.4	15.9	14.8	13.4	15	14.3		12.6	12.3		50
55	15.2	14.1	13.2	14.8	13.9	12.8	14.3	13.4	12.3	12.1	11.9		55
60	14.1	13.2	12.6	13.9	13	12.1	13.4	12.8	11.9	11.7	11.5	11.2	60
65	13	12.3	11.7	13	12.3	11.5	12.8	12.1	11.2	11.5	11	10.8	65
70	12.1	11.5	11	12.3	11.7	10.8	12.1	11.5	10.8	11	10.6	10.4	70
75	11.5	10.8	10.4	11.5	11	10.4	11.5	11	10.4	10.6	10.1	9.9	75
80	10.8	10.4	9.9	10.8	10.4	9.9	10.8	10.4	9.9	10.1	9.7	9.7	80
85	10.1	9.7	9.5	10.4	9.9	9.5	10.4	9.9	9.5	9.5	9.5	9.3	85
90	9.5	9.3	9	9.7	9.5	9.3	9.9	9.5	9.3	9	9	9	90
95	8.8	8.8	8.8	9	9	8.8	9.3	9	8.8	8.2	8.6	8.6	95
100	8.6	8.4	8.4	8.6	8.6	8.6	8.6	8.8	8.6	7.5	8.2	8.4	100
105	8.2	7.9	7.9	8.2	8.2	8.2	7.7	8.2	8.4	6.6	7.3	7.7	105
110	7.7	7.7	7.7	7.7	7.7	7.9	7.1	7.5	7.7	6	6.6	7.1	110
115	7.3	7.3	7.3	7.1	7.3	7.5	6.4	6.8	7.1	5.3	6	6.2	115
120	6.8	7.1	7.1	6.4	6.6	6.6	5.7	6.2	6.4	4.6	5.3	5.5	120
125	6.4	6.6	6.6	5.7	6	6.2	5.1	5.5	5.7	4.2	4.6	5.1	125
130	5.7	6		5.3	5.5	5.5	4.6	5.1	5.3	3.7	4.2	4.4	130
135	5.3	5.5		4.9	5.1	5.1	4.2	4.6	4.9	3.3	3.7	4	135
140	4.9	5.1		4.4	4.6		3.7	4.2	4.4	2.9	3.3	3.5	140
145	4.6			4	4.2		3.5	3.7	4	2.4	2.9	3.1	145
150				3.7	3.7		3.1	3.3	3.5	2.2	2.4	2.6	150
155				3.3	3.5		2.9	3.1		1.8	2	2.2	155
160				3.1			2.6	2.6		1.5	1.8	1.8	160
165							2.2	2.4		1.1	1.5		165
170							2	2		0.9	1.1		170
175							1.8			0.7	0.7		175
180										0.4	0.4		180



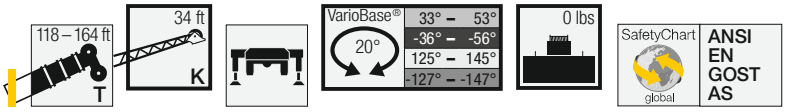
LRT_1100-2.1_Muli_2

Lifting capacities
Forces de levage



	41 ft			57 ft			72 ft			87 ft			103 ft			118 ft			134 ft			149 ft			164 ft			
	34 ft			34 ft			34 ft			34 ft			34 ft			34 ft			34 ft			34 ft			34 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
10	25			25			25																					10
15	25			25			25			25																		15
20	24.5	20.3		25	20.3		25			25			25															20
25	23	18.6	15	24.6	19.9		25	20.3		25	20.3		25			21.5												25
30	20.7	17.2	14.5	23.5	18.5	15	24.7	19.6	15	25	20.3		23.3	20.3		21.4			18.6			16.2						30
35	18.5	16	13.8	21.7	17.3	14.4	23.6	18.4	14.8	20.5	19.4	15	21.3	20.1		20.7	18.1		18.2			16.1			12.4			35
40	16.4	15	13.3	19.7	16.3	13.8	20.3	17.4	14.3	16.4	18.4	14.6	18.3	17.4	14.9	17.2	17.3		15.6	16.4		14.3			12.3			40
45	14.5	13.8	12.9	16.6	15.4	13.4	16.8	16.6	13.8	13.3	15.3	14.2	15.2	16	14.5	14.3	15.9	13.9	12.9	14.6		11.7	13.5		10.4			45
50	13	12.7	12.3	13.2	14.4	13	13.6	15	13.5	10.8	12.5	13.7	12.8	14.2	13.6	12	13.4	13.5	10.8	12.3	13.4	9.7	11.2		8.5	10.1		50
55	11.3	11.8	11.6	10.6	11.7	12.6	11	12.1	13.1	8.7	10	11.2	10.5	11.7	12.7	9.9	11.2	12.4	9	10.3	11.7	8	9.4	10.8	6.9	8.3		55
60	9.4	10	10.3	8.8	9.6	10.2	9.1	10	10.7	7.1	8.2	9.1	8.7	9.6	10.4	8.3	9.3	10.1	7.5	8.6	9.6	6.6	7.9	9.1	5.5	6.9	8.1	60
65	8.1	8.4	8.4	7.5	8.1	8.5	7.8	8.5	9	5.8	6.7	7.5	7.3	8.2	8.8	7	7.9	8.6	6.3	7.2	8.1	5.4	6.5	7.7	4.4	5.6	6.7	65
70				6.4	6.8	7.1	6.7	7.2	7.7	4.7	5.5	6.2	6.2	6.9	7.5	5.9	6.7	7.3	5.2	6.1	6.9	4.4	5.4	6.4	3.4	4.6	5.5	70
75				5.4	5.8		5.7	6.2	6.6	3.8	4.5	5.1	5.3	6	6.4	5	5.7	6.2	4.3	5.1	5.8	3.5	4.4	5.4	2.4	3.6	4.5	75
80				4.7	4.9		4.9	5.3	5.6	2.9	3.7	4.1	4.5	5.1	5.5	4.2	4.8	5.3	3.5	4.3	4.9	2.6	3.6	4.5	1.4	2.7	3.6	80
85							4.2	4.6	4.7	2	2.9	3.3	3.9	4.3	4.7	3.6	4.1	4.5	2.7	3.5	4.1	1.7	2.8	3.7		1.8	2.7	85
90							3.6	3.9			1.9	2.4	3.3	3.7	4	3	3.5	3.8	1.9	2.8	3.4		2	2.9			1.8	90
95							3.1	3.3				1.4	2.7	3.1	3.4	2.3	2.9	3.2		2.1	2.8			2.2				95
100													2.2	2.6	2.9	1.7	2.3	2.7			2.1			1.4				100
105													1.5	2.1	2.3		1.7	2.1			1.3							105
110														1.4	1.6			1.5										110

t_273_00112_00_001



VarioBase®

	118 ft			134 ft			149 ft			164 ft			
	34 ft			34 ft			34 ft			34 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
25	21.6												25
30	21.4			18.5			16.1						30
35	20.9	18.1		18.3			16.1			12.3			35
40	18.3	17.2		16.3	16.3		14.6			12.6			40
45	15.4	16.3	13.9	13.9	15.4		12.3	13.9		10.8			45
50	13.4	14.6	13.4	11.9	13.2	13.4	10.6	11.9		9	10.6		50
55	11.5	12.8	13.2	10.1	11.5	12.8	8.8	10.1	11.5	7.7	9		55
60	9.9	11	12.1	8.6	9.9	11	7.5	8.8	9.9	6.4	7.7	8.8	60
65	8.8	9.7	10.6	7.5	8.6	9.5	6.4	7.5	8.6	5.3	6.4	7.5	65
70	7.5	8.4	9.3	6.4	7.3	8.4	5.5	6.4	7.5	4.4	5.3	6.4	70
75	6.6	7.5	8.2	5.5	6.4	7.3	4.6	5.5	6.4	3.5	4.4	5.3	75
80	5.7	6.4	7.1	4.6	5.5	6.2	3.7	4.6	5.5	2.6	3.7	4.4	80
85	5.1	5.7	6.2	4	4.6	5.3	3.1	3.7	4.6	1.8	2.9	3.5	85
90	4.4	4.9	5.3	3.3	4	4.6	2.4	3.1	4	1.1	2.2	2.9	90
95	3.7	4.2	4.6	2.6	3.3	4	1.5	2.6	3.3	0.7	1.3	2.2	95
100	3.1	3.7	4	2.2	2.6	3.3	1.1	1.8	2.6		0.9	1.3	100
105	2.6	3.1	3.5	1.5	2.2	2.6	0.7	1.1	2			0.9	105
110	2.2	2.6	2.9	0.9	1.5	2.2		0.7	1.3			0.4	110
115	1.8	2.2	2.4	0.7	1.1	1.5			0.9				115
120	1.3	1.8	2		0.7	0.9			0.4				120
125	0.9	1.1	1.3			0.7							125
130	0.7	0.9											130
135	0.4	0.4											135
140													140
145													145
150													150



LRT_1100-2.1_Muli_2

Lifting capacities
Forces de levage

GUAY

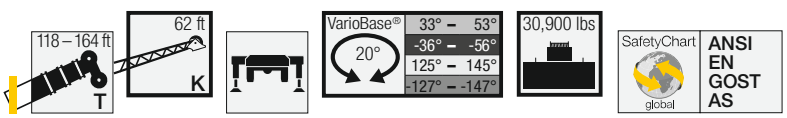
TK



	41 ft			57 ft			72 ft			87 ft			103 ft			118 ft			134 ft			149 ft			164 ft			
	62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
10	7.9																											10
15	8.3			8.1			7.9																					15
20	8.2			8.3			8.2			8			7.9															20
25	8			8.2			8.3			8.3			8.1			8												25
30	7.6	6.6		8			8.2			8.2			8.3			8.2			7.7									30
35	7.4	6.6		7.7	6.6		8	6.6		8.2			8.2			8.3			7.8			7.1						35
40	7.1	6.5		7.4	6.6		7.7	6.6		7.9	6.6		8.1			8.2			7.9			7.2			6.4			40
45	6.8	6.2		7.2	6.4		7.5	6.6		7.7	6.6		7.9	6.6		8.1			7.8			7.3			6.5			45
50	6.5	5.9	5.3	6.9	6.2	5.3	7.2	6.4		7.5	6.5		7.7	6.5		7.8	6.3		7.6			7.3			6.6			50
55	6.2	5.7	5.2	6.7	6	5.3	7	6.2	5.3	7.3	6.3	5.3	7.5	6.4		7.5	6.1		7.4	6.1		7.2	6		6.6			55
60	5.9	5.5	5.1	6.4	5.8	5.1	6.8	5.9	5.2	7.1	6.1	5.2	7.4	6.2	5.2	7.3	6		7.2	5.9		7	5.9		6.6	5.8		60
65	5.5	5.4	5	6.2	5.6	5	6.6	5.8	5.1	6.9	5.9	5.1	7.2	6	5.1	7.1	5.8	5.1	7	5.8		6.9	5.8		6.5	5.7		65
70	5.1	5.2	4.9	5.9	5.4	4.9	6.4	5.6	5	6.7	5.7	5.1	7	5.8	5.1	6.8	5.7	5	6.8	5.7	5	6.7	5.7		6.4	5.6		70
75	4.8	5	4.8	5.6	5.3	4.9	6.2	5.4	4.9	6.5	5.6	5	6.8	5.7	5	6.6	5.6	4.9	6.6	5.6	4.9	6.5	5.6	4.9	6.3	5.5		75
80	4.5	4.7	4.8	5.2	5.1	4.8	5.9	5.3	4.9	6.3	5.5	4.9	6.6	5.6	4.9	6.4	5.5	4.9	6.4	5.5	4.9	6.4	5.5	4.9	6.2	5.4	4.8	80
85	4.2	4.4	4.6	4.9	5	4.8	5.6	5.2	4.8	6.1	5.3	4.9	6.4	5.4	4.9	6.2	5.3	4.8	6.2	5.4	4.8	6.2	5.3	4.8	6.1	5.3	4.8	85
90	4	4.1	4.3	4.7	4.7	4.8	5.3	5.1	4.8	5.9	5.2	4.8	6.2	5.3	4.8	6.1	5.3	4.8	6.1	5.3	4.8	6.1	5.3	4.8	6	5.2	4.7	90
95	3.8	3.9		4.4	4.5	4.6	5	5	4.8	5.6	5.1	4.8	5.9	5.2	4.8	5.9	5.2	4.8	5.9	5.2	4.8	5.9	5.2	4.7	5.9	5.1	4.7	95
100				4.2	4.3	4.4	4.8	4.8	4.8	5.4	5	4.8	5.8	5.1	4.8	5.8	5.1	4.7	5.8	5.1	4.7	5.8	5.1	4.7	5.7	5.1	4.7	100
105				4	4.1		4.6	4.6	4.6	5.1	4.9	4.8	5.5	5.1	4.7	5.6	5	4.7	5.7	5.1	4.7	5.7	5	4.7	5.4	5	4.7	105
110				3.8	3.9		4.3	4.4	4.5	4.9	4.8	4.8	5.3	5	4.7	5.5	4.9	4.7	5.6	5	4.7	5.5	5	4.7	4.9	5	4.6	110
115							4.1	4.2		4.7	4.6	4.6	5.2	4.9	4.7	5.4	4.9	4.7	5.4	4.9	4.7	5	4.9	4.7	4.3	4.9	4.6	115
120							4	4		4.5	4.4	4.5	5	4.8	4.7	5.2	4.9	4.7	5	4.9	4.7	4.5	4.9	4.7	3.8	4.6	4.6	120
125							3.8	3.9		4.3	4.3	4.4	4.8	4.6	4.7	5	4.8	4.7	4.6	4.8	4.7	4	4.7	4.7	3.4	4.2	4.6	125
130										4	4.1		4.6	4.5	4.5	4.7	4.8	4.7	4.1	4.6	4.7	3.6	4.3	4.7	2.9	3.7	4.3	130
135										3.7	3.9		4.4	4.4	4.4	4.3	4.6	4.7	3.7	4.3	4.6	3.3	3.8	4.3	2.5	3.3	3.8	135
140										3.2			4.2	4.2		3.9	4.3	4.5	3.4	3.8	4.2	2.9	3.4	3.8	2.1	2.9	3.4	140
145													3.9	4.1		3.6	3.9	4.1	3	3.5	3.8	2.6	3.1	3.4	1.7	2.5	3	145
150													3.6	3.8		3.3	3.6	3.7	2.7	3.1	3.4	2.3	2.7	3.1	1.3	2.2	2.6	150
155													3.4			3	3.3		2.4	2.8	3	1.9	2.4	2.7		1.8	2.2	155
160																2.7	3		2.1	2.5	2.7	1.6	2.1	2.4		1.3	1.9	160
165																2.4	2.6		1.8	2.2			1.8	2			1.4	165
170																2.2			1.5	1.8			1.4	1.7				170
175																				1.5								175

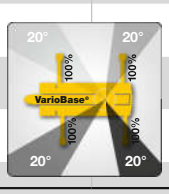
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Lifting capacities
Forces de levage



VarioBase®

	118 ft			134 ft			149 ft			164 ft			
	62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
25	7.9												25
30	8.2			7.7									30
35	8.2			7.7			7.1						35
40	8.2			7.9			7.3			6.4			40
45	8.2			7.7			7.3			6.4			45
50	7.7	6.4		7.5			7.3			6.6			50
55	7.5	6.2		7.5	6.2		7.3	6		6.6			55
60	7.3	6		7.3	6		7.1	6		6.6	5.7		60
65	7.1	5.7	5.1	7.1	5.7		6.8	5.7		6.4	5.7		65
70	6.8	5.7	5.1	6.8	5.7	5.1	6.6	5.7		6.4	5.5		70
75	6.6	5.5	4.9	6.6	5.5	4.9	6.6	5.5	4.9	6.4	5.5		75
80	6.4	5.5	4.9	6.4	5.5	4.9	6.4	5.5	4.9	6.2	5.3	4.9	80
85	6.2	5.3	4.9	6.2	5.3	4.9	6.2	5.3	4.9	6.2	5.3	4.9	85
90	6.2	5.3	4.9	6.2	5.3	4.9	6.2	5.3	4.9	6	5.3	4.6	90
95	6	5.1	4.9	6	5.3	4.9	6	5.3	4.9	6	5.1	4.6	95
100	5.7	5.1	4.9	5.7	5.1	4.9	5.7	5.1	4.6	5.7	5.1	4.6	100
105	5.5	5.1	4.6	5.7	5.1	4.6	5.7	5.1	4.6	5.7	5.1	4.6	105
110	5.5	4.9	4.6	5.5	5.1	4.6	5.5	5.1	4.6	5.5	5.1	4.6	110
115	5.3	4.9	4.6	5.5	4.9	4.6	5.5	4.9	4.6	5.5	4.9	4.6	115
120	5.3	4.9	4.6	5.3	4.9	4.6	5.5	4.9	4.6	4.9	4.9	4.6	120
125	5.1	4.9	4.6	5.3	4.9	4.6	5.3	4.9	4.6	4.4	4.9	4.6	125
130	5.1	4.9	4.6	5.1	4.9	4.6	5.1	4.9	4.6	4	4.9	4.6	130
135	4.9	4.6	4.6	5.1	4.9	4.6	4.4	4.9	4.6	3.5	4.2	4.6	135
140	4.6	4.6	4.6	4.6	4.6	4.6	4.2	4.6	4.6	3.1	3.7	4.4	140
145	4.4	4.4	4.4	4.4	4.6	4.6	3.7	4.4	4.6	2.6	3.3	4	145
150	4.4	4.2	4.4	4	4.4	4.6	3.3	4	4.4	2.4	3.1	3.5	150
155	4.2	4.2		3.7	4	4.2	3.1	3.5	4	2	2.6	3.1	155
160	3.7	4		3.3	3.7	4	2.6	3.1	3.5	1.8	2.2	2.6	160
165	3.5	3.7		3.1	3.3	3.5	2.4	2.9	3.1	1.3	2	2.4	165
170	3.3			2.9	3.1		2.2	2.6	2.9	1.1	1.5	2	170
175				2.4	2.6		2	2.2	2.4	0.7	1.3	1.5	175
180				2.2	2.4		1.8	2		0.4	0.9	1.3	180
185				2.2	2.2		1.5	1.8			0.7	0.9	185
190													190
195													195
200													200
205													205



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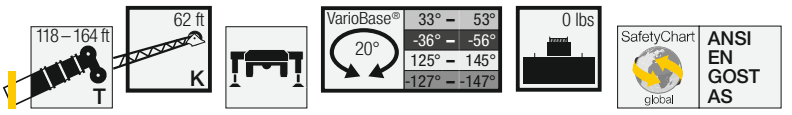
Lifting capacities
Forces de levage

TK



	41 ft			57 ft			72 ft			87 ft			103 ft			118 ft			134 ft			149 ft			164 ft			
	62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
10	7.9																											10
15	8.3			8.1			7.9																					15
20	8.2			8.3			8.2			8			7.9															20
25	8			8.2			8.3			8.3			8.1			8												25
30	7.6	6.6		8			8.2			8.2			8.3			8.2			7.7									30
35	7.4	6.6		7.7	6.6		8	6.6		8.2			8.2			8.3			7.8			7.1						35
40	7.1	6.5		7.4	6.6		7.7	6.6		7.9	6.6		8.1			8.2			7.9			7.2			6.4			40
45	6.8	6.2		7.2	6.4		7.5	6.6		7.7	6.6		7.9	6.6		8.1			7.8			7.3			6.5			45
50	6.5	5.9	5.3	6.9	6.2	5.3	7.2	6.4		7.5	6.5		7.7	6.5		7.8	6.3		7.6			7.3			6.6			50
55	6.2	5.7	5.2	6.7	6	5.3	7	6.2	5.3	7.3	6.3	5.3	7.5	6.4		7.5	6.1		7.4	6.1		7.2	6		6.6			55
60	5.9	5.5	5.1	6.4	5.8	5.1	6.8	5.9	5.2	7.1	6.1	5.2	7.2	6.2	5.2	7.3	6		7.2	5.9		6.8	5.9		5.6	5.8		60
65	5.5	5.4	5	6.2	5.6	5	6.6	5.8	5.1	6.7	5.9	5.1	6.9	6	5.1	7.1	5.8	5.1	6.6	5.8		5.8	5.8		4.5	5.7		65
70	5.1	5.2	4.9	5.9	5.4	4.9	6.4	5.6	5	5.8	5.7	5.1	6.7	5.8	5.1	6.4	5.7	5	5.7	5.7	5	4.8	5.7		3.6	5.5		70
75	4.8	5	4.8	5.6	5.3	4.9	6.1	5.4	4.9	4.9	5.6	5	6	5.5	5	5.6	5.6	4.9	4.8	5.6	4.9	4	5.6	4.9	2.7	4.6		75
80	4.5	4.7	4.8	5.2	5.1	4.8	5.8	5.3	4.9	4.1	5.3	4.9	5.2	5.4	4.9	4.8	5.5	4.9	4	5.2	4.9	3.2	4.8	4.9	1.9	3.8	4.8	80
85	4.2	4.4	4.6	4.9	5	4.8	5	5.1	4.8	3.3	4.5	4.9	4.4	5.3	4.9	4.1	5.1	4.8	3.3	4.6	4.8	2.4	4	4.8		3.1	4.5	85
90	4	4.1	4.3	4.4	4.7	4.8	4.4	5	4.8	2.7	3.8	4.6	3.8	4.8	4.8	3.5	4.5	4.8	2.6	3.9	4.8	1.6	3.3	4.5		2.4	3.7	90
95	3.8	3.9		3.9	4.4	4.6	3.9	4.5	4.8	1.9	3.2	4	3.3	4.1	4.7	3	3.9	4.6	1.9	3.3	4.2		2.7	3.8		1.6	3.1	95
100				3.4	3.8	4.1	3.4	4	4.4		2.6	3.3	2.9	3.6	4.2	2.4	3.3	4		2.8	3.6		2	3.2			2.4	100
105				3	3.3		3	3.5	3.8		1.9	2.7	2.4	3.1	3.6	1.8	2.8	3.4		2.2	3.1		1.4	2.6			1.7	105
110				2.6	2.7		2.6	3	3.3			2.1	2	2.7	3.1		2.4	3		1.5	2.5			2				110
115							2.2	2.6					1.4	2.3	2.7		1.9	2.5			2			1.3				115
120							1.8	2.1						1.9	2.3		1.3	2.1			1.4							120
125							1.5	1.6						1.3	1.8			1.6										125
130																												130

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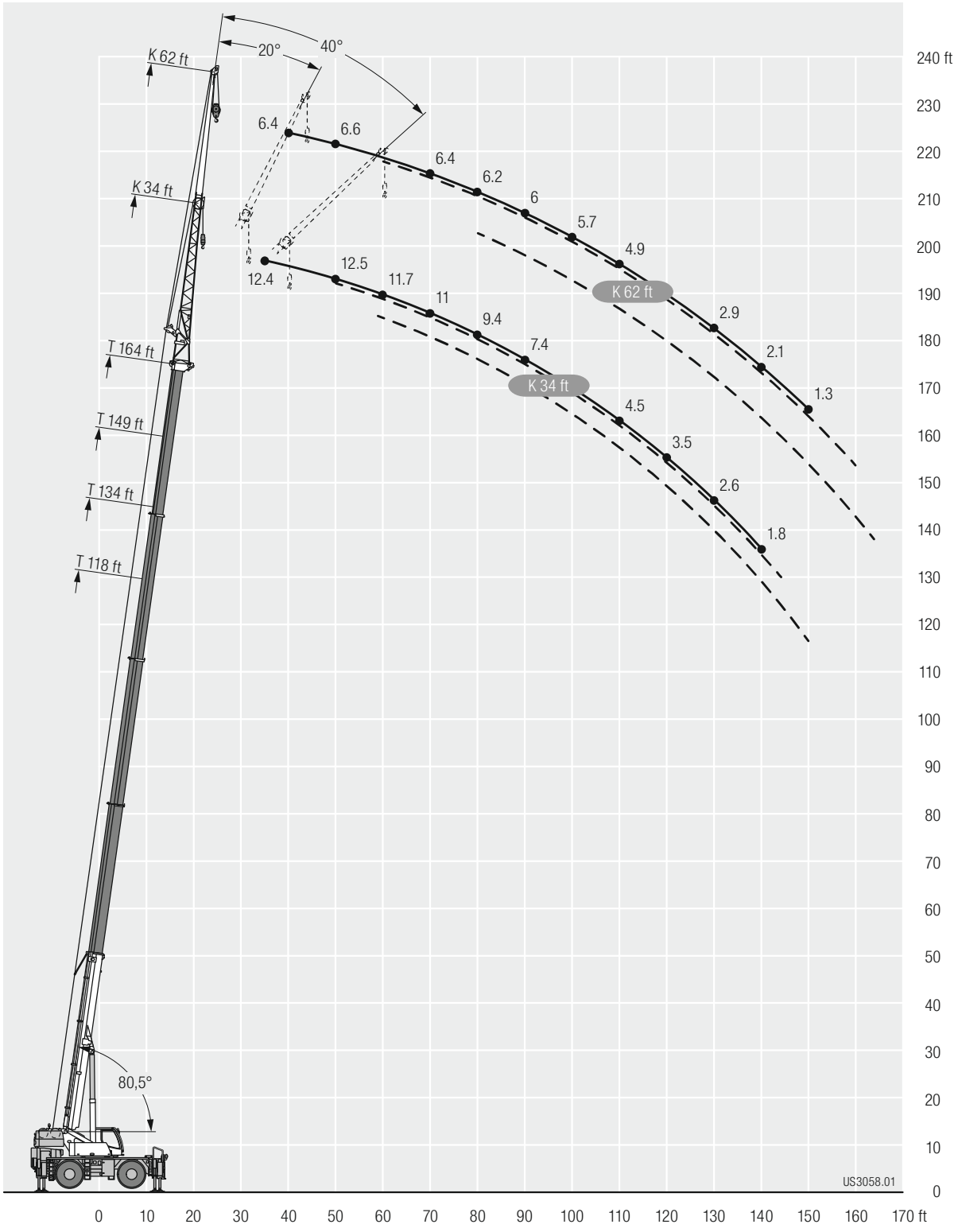
VarioBase®

	118 ft			134 ft			149 ft			164 ft			
	62 ft			62 ft			62 ft			62 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
25	7.9												25
30	8.2			7.7									30
35	8.2			7.7			7.1						35
40	8.2			7.9			7.3			6.4			40
45	8.2			7.7			7.3			6.4			45
50	7.7	6.4		7.5			7.3			6.6			50
55	7.5	6.2		7.5	6.2		7.3	6		6.6			55
60	7.3	6		7.3	6		7.1	6		6.4	5.7		60
65	7.1	5.7	5.1	7.1	5.7		6.6	5.7		5.3	5.7		65
70	6.8	5.7	5.1	6.6	5.7	5.1	5.7	5.7		4.4	5.5		70
75	6.6	5.5	4.9	5.7	5.5	4.9	4.9	5.5	4.9	3.7	5.5		75
80	6	5.5	4.9	5.1	5.5	4.9	4.2	5.5	4.9	2.9	4.6	4.9	80
85	5.3	5.3	4.9	4.4	5.3	4.9	3.5	4.9	4.9	2.2	4	4.9	85
90	4.6	5.3	4.9	3.7	4.9	4.9	2.9	4.2	4.9	1.3	3.3	4.4	90
95	4.2	5.1	4.9	3.1	4.2	4.9	2.2	3.5	4.6	0.9	2.6	3.7	95
100	3.5	4.6	4.9	2.6	3.7	4.6	1.5	3.1	4	0.4	2	3.1	100
105	3.1	4	4.6	2.2	3.1	4	1.1	2.4	3.3		1.3	2.6	105
110	2.6	3.5	4.2	1.5	2.6	3.5	0.7	2	2.9		0.7	2	110
115	2.2	3.1	3.5	1.1	2.2	2.9		1.3	2.4		0.4	1.3	115
120	1.8	2.6	3.1	0.7	1.8	2.4		0.9	1.8			0.9	120
125	1.3	2.2	2.6	0.4	1.1	2		0.4	1.3			0.4	125
130	0.9	1.8	2.2		0.9	1.5			0.7				130
135	0.7	1.3	1.8		0.4	0.9			0.4				135
140	0.4	0.9	1.3			0.7							140
145		0.7	0.9										145
150		0.4	0.4										150
155													155
160													160
165													165



LRT_1100-2.1_Muli_2

Lifting heights
Hauteurs de levage



Equipment
Equipement

Crane carrier

Frame	Liebherr 2-axle chassis.
Outriggers	4-point supporting system, hydraulically telescopable into horizontal and vertical direction. VarioBase with inclination display and automatic support leveling.
Engine	Diesel, 6 cylinder, watercooled, make Cummins, output 194 kW (264 h.p.), max. torque 730 lbs-ft. Exhaust emissions acc. to EPA/CARB or ECE-R.96. Fuel tank capacity: 93 gallons.
Gearbox	Power shift gearbox with torque converter, integrated 2-stage distribution gearbox with 3 forward and 1 reverse gear.
Axles	Front: planetary axles steerable, driven. Rear: planetary axle with differential lock, steerable, shiftable, oscillating.
Tyres	4 tyres. Tyre size: 29.5 R 25.
Steering	Hydraulic power steering, steering of the rear axle hydraulically shiftable. Special steering programs for various driving situations. Hydrostatic steering of both axles from the crane cab.
Brakes	Operation brake: hydraulic 2 circuit system, all axles equipped with disk brakes. Manual brake: hydraulical locking brake acting on 1. axle. Sustained-action brake: engine brake.
Electrical system	Modern data bus technique, 24 Volt DC, 2 batteries of 110 Ah each.

Crane superstructure

Frame	Liebherr-made, torsion-resistant, welded construction of high-tensile structural steel, single-row ball bearing slewing ring.
Crane drive	4 working motions simultaneously drivable by open oil circuits with electrically controlled „Load Sensing“. By pumps diesel--hydraulically driven.
Control	Electrical control of drives by self-centering joysticks, data transfer with Liebherr System Bus (LSB).
Hoist gear 1 **Hoist gear 2**	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 hydraulic ram with pilot locking valve.
Slewing gear	Axial piston fixed displacement motor, planetary gear, spring-loaded static brake.
Driver's and crane operator's cab	Spacious corrosion resistant with comfort furnishings, rubber-elastically supported, with safety glazing, Operating and control elements for displacement and crane operation, air-conditioning system, climatised storage compartment. Cabin tiltable approx. 20° to rear.
Safety devices	LICCON2 safe load indicator, test system, hoist limit switch, safety valves to prevent pipe and hose ruptures.
Telescopic boom	1 base section and 4 telescopic sections. All telescopic sections extendable individually by means of the rapid-cycle telescoping system TELEMATIK. Boom length 41 ft to 164 ft.
Counterweight	30,900 lbs
Rooster sheave	Foldable sidewise

Operating modes

K	Double swing-away jib 34 ft – 62 ft Adjustment 0°, 20°, 40°

Other items of equipment available on request.

The pictures contain also accessories and special equipment not included in the standard scope of delivery.

Equipment
Equipement

Châssis porteur

Cadre	Châssis à 2 essieux Liebherr.
Calage	Dispositif de calage horizontal et vertical en 4 points, entièrement déployable hydrauliquement. VarioBase avec inclinomètre et mise à niveau automatique du calage.
Moteur	Diesel, 6 cylindres, marque Cummins, refroidissement par eau, puissance 194 kW (264 ch), couple maxi. 730 lbs-ft. Emissions des gaz d'échappement conformes aux directives EPA/CARB ou ECE-R.96. Capacité du réservoir carburant: 93 gallons.
Boîte de vitesse	Boîte de vitesses avec convertisseur de couple, mécanisme de distribution à deux étages, avec chacun 3 rapports avant et 1 rapport arrière.
Essieux	Avant : Essieu planétaire, directeur, moteur. Arrière : Essieu planétaire avec blocage de différentiel, directeur, enclenchable, oscillant.
Pneumatiques	4 pneumatiques. Dimension des pneumatiques: 29.5 R 25.
Direction	Servo-direction hydraulique, direction de l'essieu arrière commutable hydrauliquement. Programmes de direction spéciaux pour diverses situations de conduite. Direction hydrostatique des deux essieux depuis la cabine.
Freins	Frein de service : installation hydraulique à 2 circuits, tous les essieux sont équipés de freins à disques. Frein à main : frein de stationnement hydraulique agissant sur le 1er essieu. Frein a regime continu: frein moteur.
Installation électrique	Technique moderne de transmission de données par BUS de données, courant continu 24 Volts, 2 batteries de 110 Ah chacune.

Partie tournante

Cadre	Fabrication Liebherr, construction mécanosoudée en tôle d'acier à haute résistance à grains fins. Couronne d'orientation à 1 rangée de billes.
Entraînement	4 mouvements de travail pouvant être exécutés simultanément via les circuits hydrauliques ouverts avec «Load Sensing» à commande électrique. Entraînement diesel hydraulique par des pompes.
Commande	Commande électrique des mécanismes par leviers de manoeuvre à centrage automatique, Liebherr Système Bus (LSB) pour la transmission.
Mécanisme de levage 1 Mécanisme de levage 2	Moteur hydraulique à cylindrée constante, treuil à réducteur planétaire incorporé et frein d'arrêt à ressort, en circuit hydraulique ouvert ou fermé et régulé.
Mécanisme de relevage	1 vérin différentiel, avec clapet anti-retour de sécurité.
Dispositif de rotation	Moteur à cylindrée constante à pistons axiaux, engrenage planétaire, frein d'arrêt commandé par ressort.
Cabine conducteur / du grutier	Spacieuse cabine, traitement anticorrosion, équipement «grand confort», montée sur silentbloc en caoutchouc et dotée de vitres de sécurité, instruments de commande et de contrôle pour la translation et l'utilisation de la grue, climatisation. Compartiment de rangement climatisé. Cabine inclinable de env. 20° vers l'arrière.
Dispositif de sécurité	Contrôleur de l'état de charge LICCON2, fin de course de levage, soupapes de sécurité sur tubes et flexibles contre rupture.
Flèche télescopique	Un élément de base et de 4 télescopes. Chaque partie peut être télescopée individuellement à l'aide du système de télescopage séquentiel rapide TELEMATIK. Longueur de flèche: 41 ft – 164 ft.
Contrepoids	30,900 lbs
Poulie en extrémité de mât	Rabattable sur le côté

Modes de fonctionnement

K	Double fléchette pliante 34 ft – 62 ft Positionnement à 0°, 20°, 40°

Autres équipements supplémentaires sur demande.

Les figures contiennent également des accessoires et des équipements spéciaux non inclus de série dans la livraison.

Description of symbols
Explication des symboles

General symbols/Symboles généraux



Outriggers
Calage



Outriggers – free on tyres
Calage – libre sur pneus



Vehicle width
Largeur du véhicule



Radius
Portée



Boom length
Longueur de la flèche



Boom position
Position de la flèche



Counterweight
Contrepoids



Tyres
Pneumatiques



Slewing gear / Working area
Mécanisme d'orientation / Plage de travail



Standard
Norme



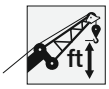
Driving speed
Vitesse de translation



Driving speed – Fast gear
Vitesse de translation – Marche rapide



Driving speed – Crawl speed
Vitesse de translation – Marche lente



Max. lifting capacity
Capacité max.



Transmission
Boîte de vitesse



Gear
Vitesse



Hookblock / Capacity
Moufle à crochet / Capacité de charge



Hoist gear
Treuil de levage



Crane carrier
Châssis porteur

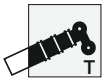


Crane superstructure
Partie tournante de la grue



Gradability
Aptitude à gravir les pentes

Crane specific symbols/Symboles spécifiques à la grue



Telescopic boom
Flèche télescopique



Swing away jib
Fléchette pliante



VarioBase

Remarks

1. The load charts are calculated according to ANSI: ASME B30.5, EN 13000, AS 1418.5, GOST.
2. For the calculation of the load charts at least a wind speed of 30 ft/s (9 m/s, 20 mph) and regarding the load a sail area of 1 m^2 per ton load and a wind resistance coefficient of 1.2 on the load have been taken into account. For lifting of loads with large sail areas and/or high wind resistance coefficients the maximum wind speed as stated in the load charts has to be reduced.
3. Lifting capacities are given in kips.
4. The weight of the hook blocks and hooks is part of the load and therefore it must be deducted from the lifting capacities.
5. Working radii are measured from the slewing centre.
6. The lifting capacities given for the telescopic boom apply if the folding jib is removed.
7. Subject to modification of lifting capacities.
8. Lifting capacities above 154,100 lbs/177,300 lbs only with additional pulley block/special equipment.
9. The data of this brochure serves only for general information. All information is provided without warranty. Instructions for the correct commissioning of the crane please take from the operation manual and the load chart book.

Remarques

1. Les tableaux des charges sont calculés selon ANSI: ASME B30.5, EN 13000, AS 1418.5, GOST.
2. Une vitesse de vent de 30 ft/s (9 m/s, 20 mph) minimum, une surface de prise au vent de 1 m^2 par tonne ainsi qu'un coefficient de résistance au vent de la charge 1,2 sont pris en compte pour le calcul des tableaux de charge. Lorsque des charges ayant une surface de prise au vent et/ou un coefficient de résistance au vent plus élevé(e)(s) sont levées, la vitesse de vent maximale indiquée dans les tableaux de charge doit être réduite.
3. Les forces de levage sont données en kips.
4. 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.
5. Les portées sont calculées à partir de l'axe de rotation.
6. Les charges indiquées pour la flèche télescopique sont valables lorsque la fléchette pliante est démontée.
7. Charges données sous réserve de modification.
8. Forces de levage plus de 154,100 lbs/177,300 lbs seulement avec moufle additionnel/equipement supplementaire.
9. Les données de cette brochure sont données à titre informatif. Ces renseignements sont sans garantie. Les consignes relatives à la bonne mise en service de la grue sont disponibles dans le manuel d'utilisation et le manuel de tableaux de charge.



Subject to modification / Sous réserve de modifications

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