





# Mobile Crane / Grue mobile

## LTM 1130-5.1



	<b>155 USt</b>
	<b>197 ft</b>
	<b>240 ft</b>
	<b>299 ft</b>

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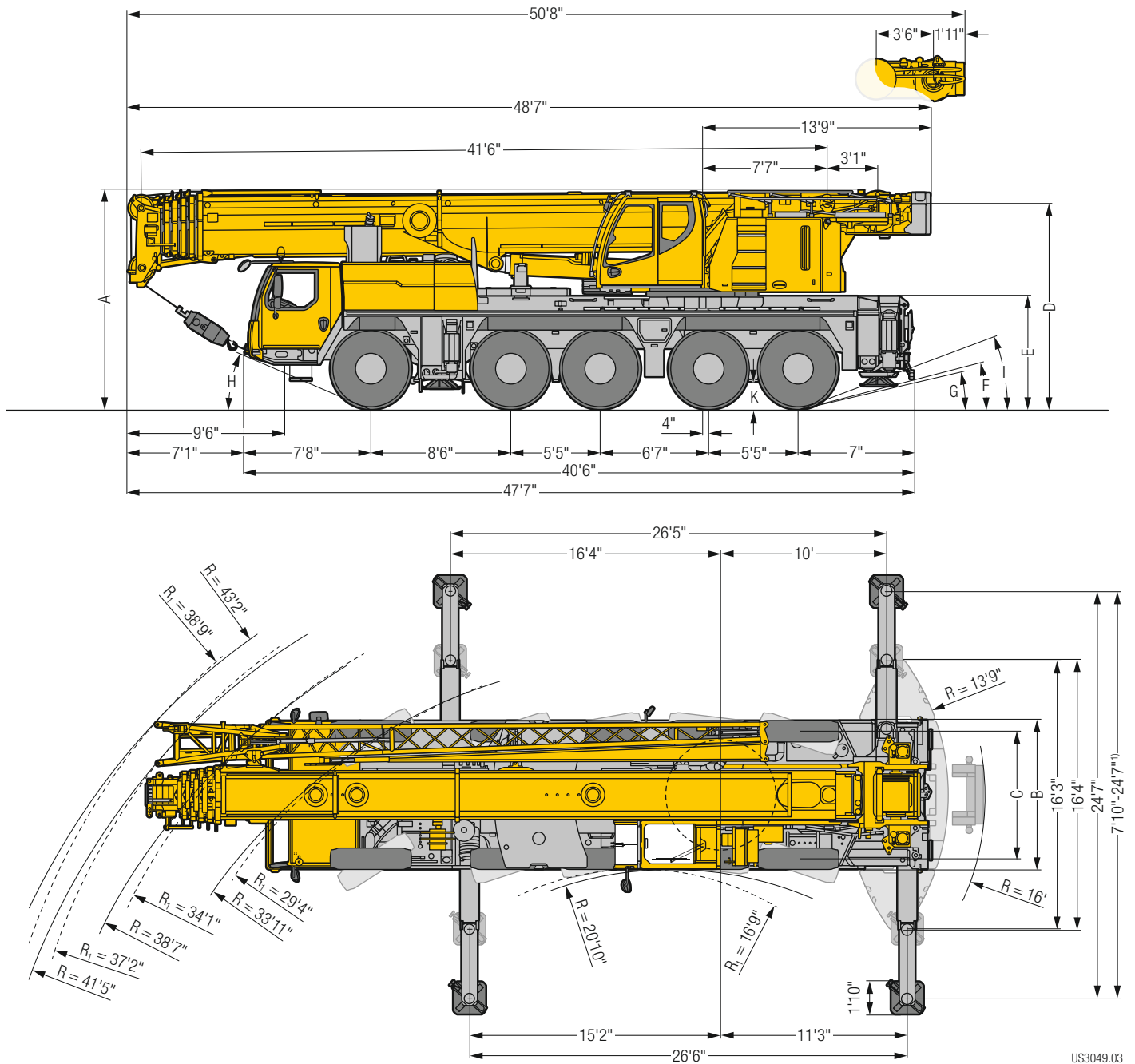
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# Dimensions Encombrement



US3049.03

R<sub>1</sub> = All-wheel steering · Direction toutes roues

<sup>1)</sup> only with VarioBase® · seulement avec VarioBase®

## Dimensions/Encombrement

	A	A 4" *	B	C	D	E	F	G	H	I	K
445/95 R 25 (16.00 R 25)	13'1"	12'10"	9'	7'7"	12'4"	6'9"	14°	13°	24°	20°	1'5"
525/80 R 25 (20.5 R 25)	13'1"	12'10"	9'4"	7'9"	12'4"	6'9"	14°	13°	24°	20°	1'5"

\* lowered · abaissé

# Mobile Crane/Grue mobile

## LTM 1130-5.1



197 ft



35 ft – 62 ft



2 x 23 ft



9.5 ft

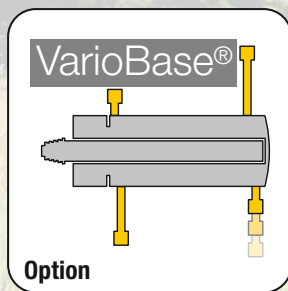


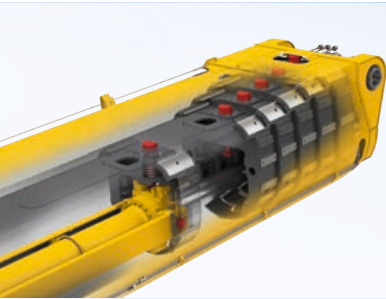
92,600 lbs

**€COmode**

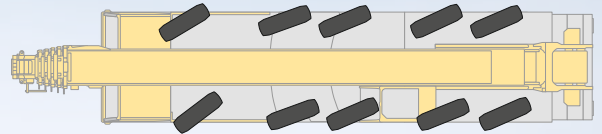
**€COdrive**

only with  
seulement avec **ZF-TRAXON**





Proven single cylinder telescoping system TELEMATIK  
Système de télescopage à un vérin confirmé TELEMATIK



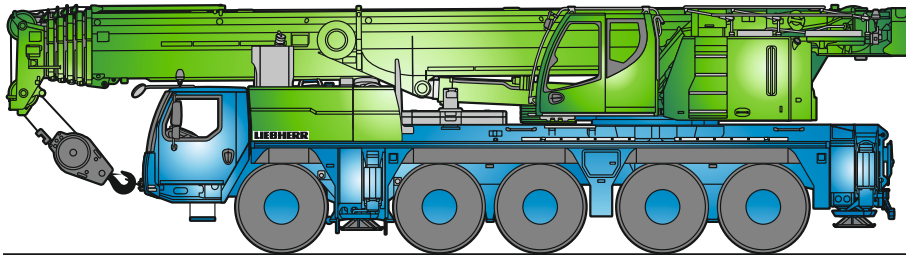
Variable steering concept  
Concept de direction variable



# Fuel saving and noise reduction Economie de carburant et réduction du bruit

## €COmode

Automatic regulation of the engine speed during crane mode reduce fuel about 10 %  
Régulation automatique de la vitesse du moteur pendant les travaux avec la grue permet de réduire la consommation de carburant jusqu'à env. 10 %



S3227

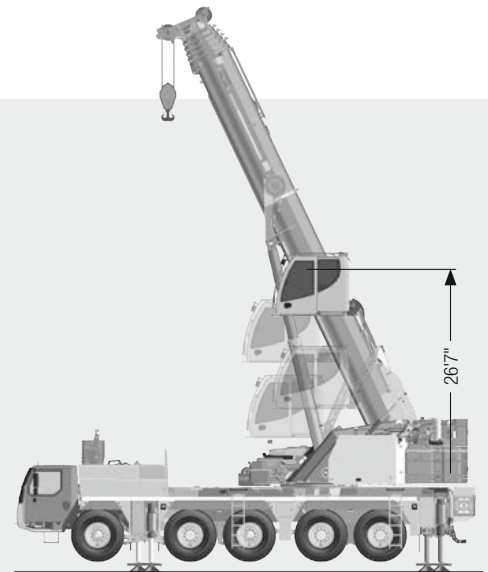
## €COdrive

New ZF-TraXon transmission  
Nouvelle boîte ZF-TraXon

Driving strategy in the carrier with ECO- or Powermode to reduce noise and fuel  
L'adaptation du mode de déplacement avec le mode ECO ou le mode Puissance permet de réduire le niveau sonore et la consommation de carburant

## Lift cab (optional) Cabine élévatrice (en option)

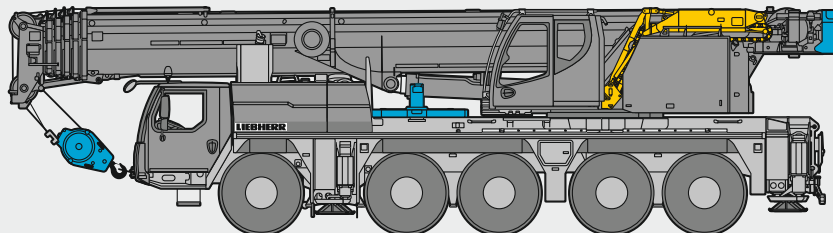
- Better view  
Meilleur champ de vision
- Increased safety  
Sécurité accrue



## Axle/Essieu

	1	2	3	4	5	
						
lbs	26,400	26,400	26,400	26,400	26,400	132,000 <sup>1)</sup>





<sup>1)</sup> with 14,550 lbs counterweight - avec contrepoids 14,550 lbs



S3231



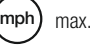

# Weights Poids

## Hook block/Moufles à crochet

			
242,500	7	14	2,730
198,850	5	11	1,980
130,300	3	7	1,540
57,550	1	3	990
19,400	–	1	550

# Working speeds Vitesses











## Crane carrier/Châssis porteur

	 min.	 max.	 %
445/95 R 25 (16.00 R 25) 525/80 R 25 (20.5 R 25)	0.3	53	55,7 %

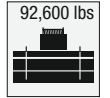
Theoretical gradeability/Aptitude théorique en pente

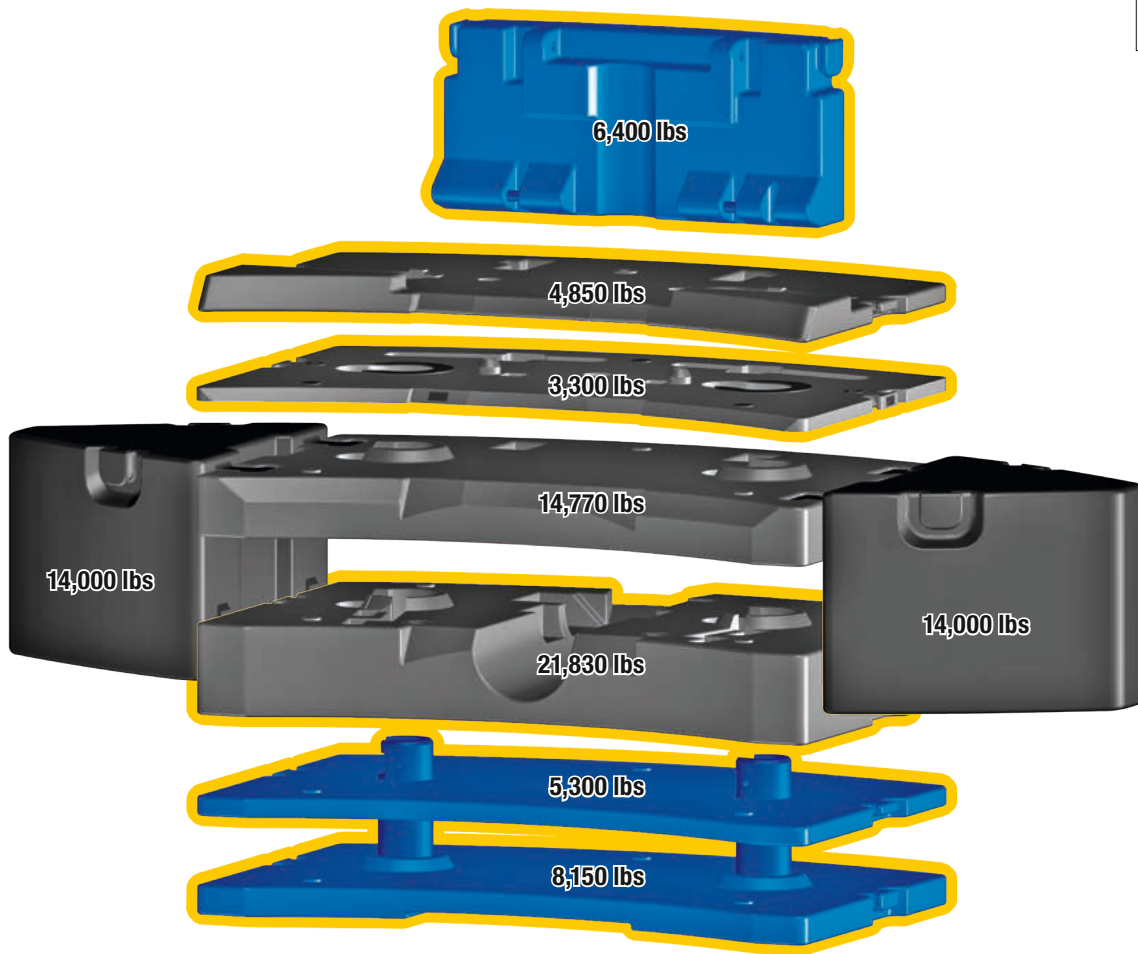
	
	12 / R2
	4 / R2

## Crane superstructure/Partie tournante

	 max			 F
	0 – 360 ft/min single line	0.83°	820 ft	19,785 lbs
	0 – 360 ft/min single line	0.83°	820 ft	19,785 lbs
	0 – 1.5 rpm			
	approx. 65 seconds to reach 82° boom angle env. 65 s jusqu'à 82°			
	approx. 390 seconds for boom extension from 42 ft – 197 ft env. 390 s pour passer de 42 ft – 197 ft			

# Counterweight Contrepoids

92,600 lbs  


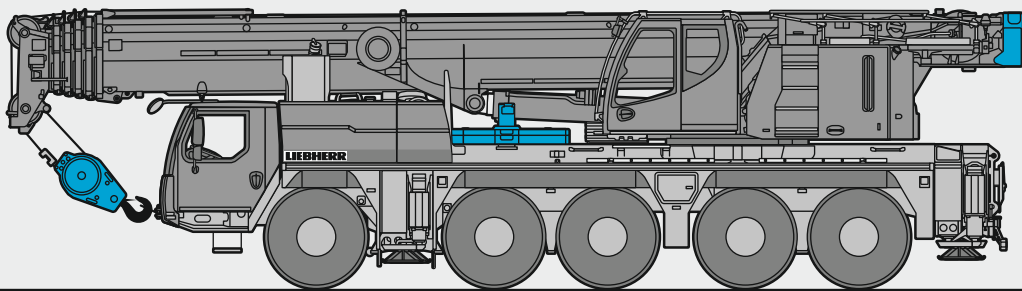


Technically transportable · Transport technique simplifié

## Axle/Essieu

	1	2	3	4	5	
lbs	26,400	26,400	26,400	26,400	26,400	132,000 <sup>1)</sup>

<sup>1)</sup> with 19,800 lbs counterweight · avec contrepoids 19,800 lbs

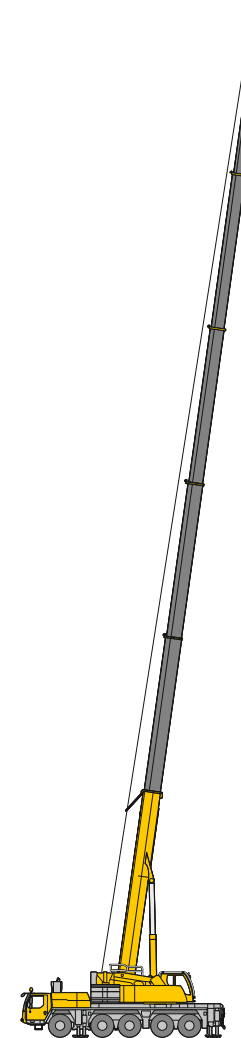


S3066.01

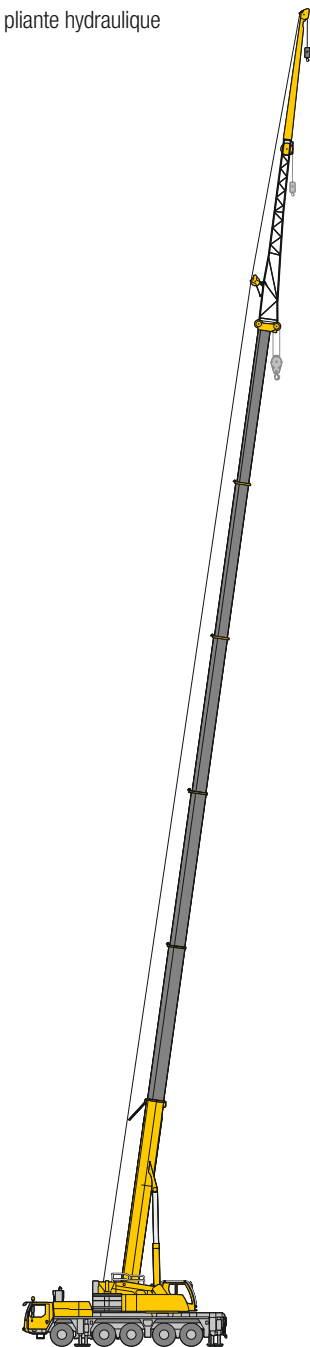


# Boom/jib combinations Configurations de flèche

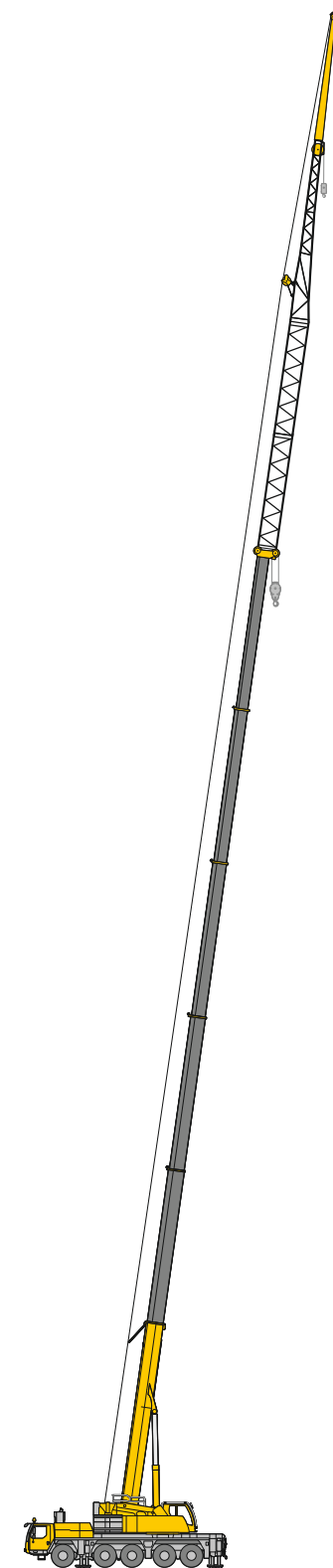
- T** Telescopic boom/Flèche télescopique
- K** Erection jib/Flechette de montage
- NZK** Hydraulic swing away jib/Fléchette pliante hydraulique
- V** Telescopic boom extension  
Rallonge de flèche télescopique



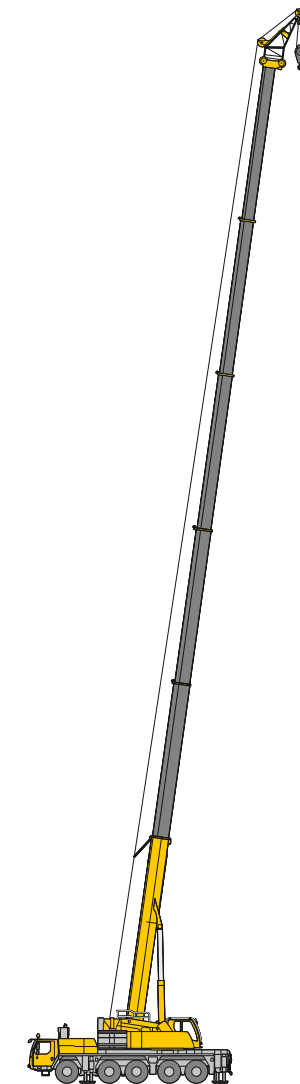
**T**  
11 – 19



**TK/TNZK**  
20 – 26 / 37 – 43



**TVK/TVNZK**  
27 – 36 / 44 – 53



**TK**  
54 – 56



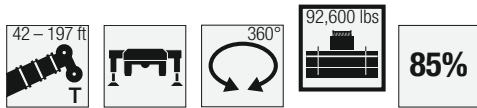
S3064



# Lifting capacities

## Forces de levage

T



	* 42 ft	56 ft	70 ft	84 ft	99 ft	113 ft	127 ft	141 ft	156 ft	166 ft	170 ft	180 ft	184 ft	197 ft	
10	315.3	182.2	182.2	182.2	165.1										10
11	233.2	182.2	182.2	182.2	164										11
12	199.2	182.2	182.2	180.9	162.5										12
13	190.6	182.2	181.5	176.1	161	130.4									13
14	182.7	181.4	174.6	168.4	159	130.4									14
15	175.5	175.4	167.5	161.4	156.2	130.4									15
16	169	169	161.1	154.9	150.1	130.4	106.4								16
17	162.8	162.8	155	148.9	145.3	130.1	105.5								17
18	157	157	149.4	145.4	140.9	129.6	104.6								18
19	151.6	151.6	145.3	140.2	135.8	127.9	103.7	76.2							19
20	146.5	146.5	140.6	135.5	131.1	125.9	102.6	76.2							20
22	136.9	136.9	132	126.8	122.5	120.7	100.4	76.2	56.3						22
24	127.8	127.8	124.3	119.3	115	113.6	98.1	76.2	57.6						24
26	119	119	117.4	112.7	108.6	107	95.8	75.5	57.6	48.1					26
28	110.1	110.1	111	106.7	102.7	101.1	93.6	74.2	57.6	47.6					28
30	100.8	100.8	105.3	101.4	97.7	95.9	91.4	72.8	57.6	47.1	35.1	38.7			30
32	89.3	89.3	99.8	96.5	93.5	91.2	88.1	71	57.3	46.5	35.1	38.7	31.1		32
34	65.7	65.7	93.9	92	89.4	87	84	68.7	56.5	46	34.9	38.7	31	31.5	34
36			88.2	87.9	85.3	83	80.3	66.3	55.5	45.4	34.6	38.6	31	31.5	36
38			82.8	83.3	81.7	79.5	76.6	63.9	54.2	44.8	33.8	38.4	31	31.5	38
40			78	78.5	78.6	76.2	73.4	61.6	52.6	44.2	33.1	38	30.8	31.4	40
45			64.8	68	69.5	68.8	65.9	56.7	48.7	42	31.2	36.4	29.8	30.7	45
50				60.9	60.9	60.2	57.8	52	45.2	39.3	29.3	34.6	28.5	29.6	50
55				53.9	53.9	53.2	51	47.9	41.7	36.7	27.6	32.7	27	28.3	55
60				45.8	48	47.3	45.5	43.4	38.7	34.3	25.9	30.8	25.6	26.9	60
65					43	42.3	40.8	40.9	36	31.9	24.2	29	24.2	25.5	65
70					38.8	38	36.9	37.4	33.6	29.9	22.6	27.2	22.9	24.3	70
75					32.5	34.4	34.5	34.1	30.6	28	21.2	25.6	21.6	23.1	75
80						31.3	32.3	31.2	28.3	26.3	19.9	24.1	20.4	22	80
85						28.6	29.7	28.6	26.6	24.7	18.7	22.6	19.3	20.9	85
90						24.3	27.3	26.2	24.7	22.8	17.7	21.4	18.3	19.8	90
95							25.1	24	23.6	20.8	16.6	20.2	17.4	18.8	95
100							23.2	22	22.2	19.8	15.6	19.1	16.5	17.8	100
105							17.3	20.2	20.7	18.8	14.8	17.9	15.7	16.9	105
110								19	19.1	17.8	14	16.5	14.9	16	110
115								18.3	17.6	17	13.1	15.5	14.2	15.2	115
120									16.3	16.3	12.5	14.8	13.5	14.4	120
125									15.1	15.2	11.8	14.2	12.8	13.4	125
130									14.1	14	11.2	13.5	12.2	12.4	130
135										13	10.6	12.6	11.7	11.5	135
140										12	10.1	11.6	11.1	10.6	140
145										10.8	9.7	10.7	10.6	9.6	145
150											9.3	9.8	10	8.8	150
155											9	9.1	9.2	8	155
160												8.1	8.5	7.3	160
165													7.8	6.7	165
170													6.9	6	170
175														5.1	175
180															180
185															185

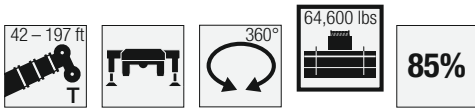
\* over rear - en arrière

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# Lifting capacities

## Forces de levage

T



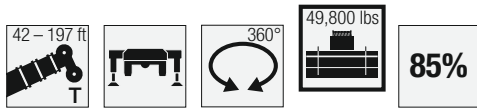
	42 ft	56 ft	70 ft	84 ft	99 ft	113 ft	127 ft	141 ft	156 ft	166 ft	170 ft	180 ft	184 ft	197 ft	
10	182.2	182.2	182.2	165.1											10
11	182.2	182.2	182.2	164											11
12	182.2	182.2	180.9	162.5											12
13	182.2	181.5	176.1	161	130.4										13
14	181.4	174.6	168.4	159	130.4										14
15	175.4	167.5	161.4	156.2	130.4										15
16	169	161.1	154.9	150.1	130.4	106.4									16
17	162.8	155	148.9	145.3	130.1	105.5									17
18	157	149.4	145.4	140.9	129.6	104.6									18
19	151.6	145.3	140.2	135.8	127.9	103.7	76.2								19
20	146.5	140.6	135.5	131.1	125.9	102.6	76.2								20
22	136.9	132	126.8	122.5	120.7	100.4	76.2	56.3							22
24	126.5	124.3	119.3	115	113.6	98.1	76.2	57.6							24
26	116	117	112.7	108.6	107	95.8	75.5	57.6	48.1						26
28	106.7	108.5	106.7	102.7	101.1	93.4	74.2	57.6	47.6						28
30	98.5	100.4	100.5	97.7	93.9	88.2	72.8	57.6	47.1	35.1	38.7				30
32	89.3	92.7	93.3	91.2	86.7	81.3	71	57.3	46.5	35.1	38.7	31.1			32
34	65.7	86.2	86.2	84.7	80.3	75.4	68.7	56.5	46	34.9	38.7	31	31.5		34
36		80.2	81.4	78.6	74.4	70.3	65.7	55.5	45.4	34.6	38.6	31	31.5		36
38		74.7	76.4	73.2	69.6	65.4	61.9	54.2	44.8	33.8	38.4	31	31.5	25.5	38
40		69.7	71.4	68.5	65.1	61.4	58.3	52.6	44.2	33.1	38	30.8	31.4	25.5	40
45		60.2	61.3	58.8	55.8	52.5	52.1	48	42	31.2	36.4	29.8	30.7	25.4	45
50			52.7	51.2	48.5	46.9	45.8	41.8	39.1	29.3	34.6	28.5	29.6	25.2	50
55			45.5	45	42.5	42.8	40.2	37.8	35.5	27.6	32.7	27	28.3	24.6	55
60			39.7	39.8	37.6	38.1	35.6	33.9	31.5	25.9	30.7	25.6	26.9	23.7	60
65				35	35.3	34.1	31.7	31.5	29.2	24.2	27.8	24.2	25.5	22.5	65
70				31	32.4	30.7	29	28.4	26.5	22.6	24.8	22.9	24.3	21.3	70
75				27.8	29.1	27.8	27	25.6	24.9	21.2	23.3	21.6	22.4	20.3	75
80					26.2	25.3	25.2	23.3	22.9	19.9	21.8	20.4	20.4	19.3	80
85					23.8	23	23.1	21.4	20.8	18.7	19.9	19.3	18.4	17.9	85
90					21.7	20.8	21.2	20.3	19	17.7	18.1	17.9	16.6	16.3	90
95						19.5	19.4	18.8	17.6	16.6	16.5	16.4	15.1	14.8	95
100						18.5	17.7	17.4	16.2	15.6	15.1	15	13.7	13.4	100
105						16.6	16.1	16	14.9	14.6	13.8	13.7	12.4	12.1	105
110							14.8	14.6	13.7	13.6	12.6	12.5	11.2	11	110
115							13.7	13.3	12.6	12.4	11.6	11.5	10.2	10	115
120								12.2	11.5	11.4	10.6	10.5	9.3	9	120
125								11.2	10.4	10.5	9.6	9.6	8.4	8.1	125
130								10.3	9.5	9.5	8.8	8.8	7.6	7.4	130
135									8.6	8.7	7.9	8	6.8	6.6	135
140									7.8	7.9	7.1	7.3	6.1	5.9	140
145									7.1	7.1	6.4	6.5	5.4	5.3	145
150										6.5	5.7	5.8	4.7	4.7	150
155										5.9	5.1	5.2	4.1	4.1	155
160											4.6	4.6	3.5	3.5	160
165												4.1	2.9	2.9	165
170													3.6	2.4	170

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# Lifting capacities

## Forces de levage

T



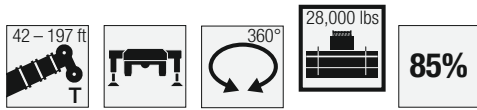
	42 ft	56 ft	70 ft	84 ft	99 ft	113 ft	127 ft	141 ft	156 ft	166 ft	170 ft	180 ft	184 ft	197 ft	
10	182.2	182.2	182.2	165.1											10
11	182.2	182.2	182.2	164											11
12	182.2	182.2	180.9	162.5											12
13	182.2	181.5	176.1	161	130.4										13
14	181.4	174.6	168.4	159	130.4										14
15	175.4	167.5	161.4	156.2	130.4										15
16	169	161.1	154.9	150.1	130.4	106.4									16
17	162.8	155	148.9	145.3	130.1	105.5									17
18	157	149.4	145.4	140.9	129.6	104.6									18
19	151.6	145.3	140.2	135.8	127.9	103.7	76.2								19
20	146.2	140.6	135.5	131.1	125.9	102.6	76.2								20
22	132.8	131.9	126.8	122.5	119.9	100.4	76.2	56.3							22
24	121.2	122.9	119.3	113.2	109.2	97.7	76.2	57.6							24
26	110.4	112.4	108.5	104.7	98.5	92	75.5	57.6	48.1						26
28	100.5	102.6	98.1	95.5	89.5	83.8	74.2	57.6	47.6						28
30	92.2	93.6	91.3	87	82.1	76.8	71.2	57.6	47.1	35.1	38.7				30
32	84.6	85.4	84	80.1	75.6	70.7	66.8	57.3	46.5	35.1	38.7	31.1			32
34	65.7	78.7	77.4	74	69.9	65.4	62.7	56.5	46	34.9	38.7	31	31.5		34
36		73.1	71.6	68.6	64.7	60.7	59.6	54.2	45.4	34.6	38.6	31	31.5		36
38		68.5	66.6	63.8	60.2	56.9	55.9	50.7	44.8	33.8	38.4	31	31.5	25.5	38
40		63.3	62	59.4	56.1	54.6	52.3	48.5	44.2	33.1	38	30.8	31.4	25.5	40
45		52.2	52.6	50.3	47.5	47.7	44.6	41.8	39.1	31.2	36.4	29.8	30.7	25.4	45
50			45.2	43.4	43.4	41.3	38.6	38	35.5	29.3	33.5	28.5	29.6	25.2	50
55			38.7	37.9	38.3	36.1	34.6	33.4	31.6	27.6	29.5	27	28.3	24.6	55
60			33.5	33.4	33.9	31.9	31.7	29.5	28.9	25.9	27.7	25.6	25.8	23.7	60
65				30.7	30.3	28.4	28.3	27.2	25.7	24.2	24.6	23.9	22.8	22.1	65
70				27.4	27.2	26.3	25.3	24.6	23.3	22.5	21.9	21.7	20.3	19.8	70
75				24.5	24.3	24.3	22.8	22.1	20.9	20.7	19.6	19.4	18.1	17.7	75
80					21.8	22.2	20.9	20	18.9	18.6	17.6	17.5	16.1	15.8	80
85					19.6	20.1	19.1	18.1	17	16.8	15.9	15.7	14.4	14.1	85
90					17.9	18.1	17.4	16.5	15.4	15.2	14.3	14.2	12.9	12.6	90
95						16.4	15.8	15.1	14	13.8	12.9	12.8	11.5	11.2	95
100						14.9	14.4	13.8	12.7	12.5	11.6	11.5	10.2	10	100
105						13.6	13	12.6	11.5	11.4	10.5	10.4	9.1	8.9	105
110							11.8	11.3	10.5	10.4	9.5	9.4	8.1	7.9	110
115							10.7	10.3	9.5	9.4	8.5	8.5	7.2	7	115
120								9.3	8.6	8.5	7.7	7.7	6.4	6.2	120
125								8.4	7.7	7.7	6.9	6.8	5.6	5.4	125
130								7.6	6.8	6.9	6.1	6.1	4.9	4.7	130
135									6.1	6.1	5.4	5.5	4.2	4.1	135
140									5.4	5.4	4.7	4.8	3.6	3.5	140
145									4.8	4.8	4	4.2	3	2.9	145
150										4.2	3.5	3.6	2.4	2.4	150
155										3.7	2.9	3			155
160											2.4	2.5			160

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# Lifting capacities

## Forces de levage

T



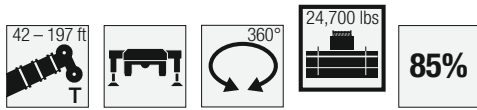
	42 ft	56 ft	70 ft	84 ft	99 ft	113 ft	127 ft	141 ft	156 ft	166 ft	170 ft	180 ft	184 ft	197 ft	
10	182.2	182.2	182.2	165.1											10
11	182.2	182.2	182.2	164											11
12	182.2	182.2	180.9	162.5											12
13	182.2	181.5	176.1	161	130.4										13
14	181.4	174.6	168.4	159	130.4										14
15	175.4	167.5	161.4	156.2	130.4										15
16	169	161.1	154.9	150.1	130.4	106.4									16
17	162.8	155	148.9	143.6	129.3	105.5									17
18	155.3	149.4	145.1	136.1	127.2	104.6									18
19	146.7	144	137.8	126.1	119.9	103.7	76.2								19
20	138.9	137.2	127.8	120.1	111.9	100.7	76.2								20
22	124.1	118.9	111.5	106.4	98.8	91.2	76.2	56.3							22
24	110.4	104.3	100.5	94.6	88.2	81.4	74.6	57.6							24
26	97.6	92.5	90.1	85	78.9	73.6	69.8	57.6	48.1						26
28	86.9	84	80.8	76.3	70.9	67.7	64.4	57.3	47.6						28
30	77.9	75.5	72.9	68.9	64.4	63.4	58.7	54.2	47.1	35.1	38.7				30
32	69.6	68.3	66.2	62.9	60	58.1	53.8	50	45.5	35.1	38.7	31.1			32
34	61.8	62.4	60.4	57.6	56.5	53.4	50.1	47.6	44.2	34.9	38.7	31	31.5		34
36		57.1	55.5	52.9	52.6	49.5	46.8	44.9	41.5	34.6	37.8	31	31.5		36
38		52.5	51.2	48.8	48.8	45.8	44.3	41.7	38.6	33.8	36.2	31	31.5	25.5	38
40		48.5	47.4	46.7	45.5	42.8	41.9	38.8	37.3	33.1	35.1	30.8	31.4	25.5	40
45		39.6	40.1	40.1	38.4	37.6	35.6	34.3	32.4	31	30.5	29.6	28.4	25.4	45
50			34.4	34.4	33	32.6	31	29.5	27.9	27.4	26.2	25.8	24.2	23.6	50
55			29.4	30	28.9	28.3	26.9	25.7	24.2	23.9	22.7	22.4	20.9	20.3	55
60			25.2	26.3	25.4	24.9	23.6	22.5	21.2	20.8	19.7	19.6	18	17.6	60
65			23.1	22.4	22	20.8	19.8	18.6	18.3	17.2	17.1	15.6	15.3		65
70				20.3	19.9	19.6	18.4	17.5	16.3	16.1	15.1	15	13.6	13.2	70
75				17.8	17.8	17.5	16.4	15.5	14.4	14.2	13.3	13.1	11.8	11.5	75
80					15.7	15.7	14.6	13.8	12.8	12.6	11.6	11.5	10.2	9.9	80
85					13.9	14.1	13.2	12.3	11.3	11.1	10.2	10.1	8.8	8.6	85
90					12.4	12.6	11.8	11	10	9.9	8.9	8.9	7.6	7.4	90
95						11.2	10.6	9.9	8.8	8.7	7.8	7.8	6.5	6.3	95
100						10	9.4	8.8	7.8	7.7	6.8	6.8	5.5	5.3	100
105						9	8.3	7.9	6.9	6.7	5.9	5.8	4.6	4.4	105
110							7.4	7	6	5.9	5.1	5	3.8	3.6	110
115							6.5	6.1	5.3	5.1	4.3	4.3	3	2.9	115
120								5.3	4.6	4.5	3.6	3.6	2.3		120
125								4.6	3.9	3.8	3	3			125
130								4	3.2	3.2	2.4	2.3			130
135									2.6	2.6					135

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# Lifting capacities

## Forces de levage

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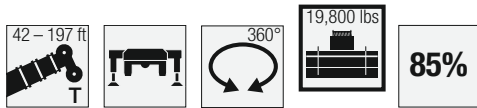
	42 ft	56 ft	70 ft	84 ft	99 ft	113 ft	127 ft	141 ft	156 ft	166 ft	170 ft	180 ft	184 ft	197 ft	
10	182.2	182.2	180.8	150.4											10
11	182.2	182.2	181.4	149.1											11
12	182.2	182.2	180.6	147.7											12
13	180.5	181.5	176.1	146.4	123.6										13
14	175.5	174.6	168.4	145	122.9										14
15	165.6	166.1	161.4	143.6	122										15
16	156.5	157.1	154.9	142.2	121	96.8									16
17	147.5	148.3	147	134.5	119.7	95.9									17
18	139	139.8	137.4	128.1	118	95.1									18
19	131.3	133.2	129.7	118.6	112	94.3	72.8								19
20	124	126	120.2	111.4	105.3	92.4	72.3								20
22	110.1	111.8	104.3	100.1	92.8	85.2	71.1	51.2							22
24	98.6	98	94.2	88.8	82.2	75.4	69.1	55.2							24
26	86	86.4	84.1	79.3	73.2	68.2	64.2	54.4	43.7						26
28	74.2	77.7	75.1	70.9	65.8	61.9	59.6	53.1	43.3						28
30	65	68.9	67.6	63.9	59.6	58.3	54.3	50	42.8	31.9	35.3				30
32	56.9	60.9	61.3	58.2	54.5	53.8	49.7	46	41.5	31.9	35.3	28.3			32
34	50.5	54.5	55.8	53.2	51.8	49.4	45.9	43.7	40.2	31.7	35.3	28.2	28.7		34
36		48.9	50.5	48.9	48.7	45.8	43.2	41.3	38	31.4	34.6	28.2	28.6		36
38		44.1	45.7	45	45.2	42.3	40.5	38.4	35.4	30.8	33	28.1	28.6	23.2	38
40		40.1	41.7	42.4	42	39.4	38.6	35.7	34	30.1	31.9	28	28.6	23.2	40
45		32.3	34.2	35.5	35.3	34.5	32.8	31.5	29.7	28.2	27.9	27	25.7	23	45
50			28.4	29.7	29.6	29.9	28.4	27	25.5	25	23.8	23.3	21.7	20.6	50
55			23.9	25.2	25.3	25.6	24.6	23.4	22	21.7	20.5	20	18.5	17.7	55
60			20.3	21.6	21.7	22	21.5	20.4	19.1	18.8	17.7	17.4	15.9	15.1	60
65				18.8	18.8	19.1	18.8	17.9	16.7	16.4	15.4	15	13.6	13	65
70				16.4	16.4	16.7	16.3	15.7	14.6	14.4	13.4	13.1	11.7	11.2	70
75				14.4	14.5	14.7	14.3	13.9	12.8	12.6	11.6	11.4	10.1	9.6	75
80					12.7	13	12.5	12.2	11.2	11.1	10.1	9.9	8.7	8.2	80
85					11.2	11.4	11	10.7	9.8	9.7	8.8	8.6	7.4	7	85
90					9.9	10.1	9.6	9.3	8.6	8.5	7.6	7.5	6.2	5.9	90
95						8.9	8.4	8.1	7.5	7.4	6.5	6.5	5.2	4.9	95
100						7.9	7.4	7.1	6.4	6.4	5.6	5.6	4.3	4.1	100
105						7	6.4	6.1	5.5	5.5	4.7	4.7	3.4	3.3	105
110							5.6	5.3	4.7	4.7	3.9	3.9	2.6	2.4	110
115							4.9	4.5	3.9	4	3.2	3.2			115
120								3.9	3.2	3.3	2.5	2.5			120
125								3.3	2.6	2.6					125
130								2.7							130

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# Lifting capacities

## Forces de levage

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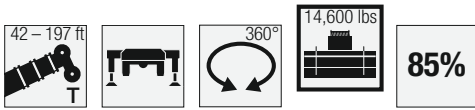
	42 ft	56 ft	70 ft	84 ft	99 ft	113 ft	127 ft	141 ft	156 ft	166 ft	170 ft	180 ft	184 ft	197 ft	
10	182.2	182.2	180.8	150.4											10
11	182.2	182.2	181.4	149.1											11
12	182.2	182.2	180.6	147.7											12
13	180.2	181.5	176.1	146.4	123.6										13
14	174.5	174.6	168.4	145	122.9										14
15	164.6	165.2	161.4	143.4	122										15
16	155.2	155.9	154.6	138	121	96.8									16
17	146.1	146.8	143.8	132.1	118.8	95.9									17
18	137.6	138.4	135.3	123.1	115.5	95.1									18
19	129.7	131.6	124.7	114.1	108.5	94.3	72.8								19
20	122.2	124.1	115.5	108.9	101.1	91.1	72.3								20
22	108.4	107.3	101.4	96.2	88.9	81.1	71.1	51.2							22
24	95.6	93.8	90.6	84.8	78.3	72.3	66.6	55.2							24
26	82.4	82.2	80.2	75.5	69.7	64.9	62.2	53.7	43.7						26
28	71.1	74.2	71.5	67.5	62.5	60.7	56.6	52.2	43.3						28
30	61.7	65.8	64.3	60.7	57.1	55.9	51.5	47.5	42.4	31.9	35.3				30
32	54	58	58.3	55.3	53.9	51.1	47.4	45.1	40.9	31.9	35.3	28.3			32
34	47.8	51.8	53.1	50.5	50.3	46.9	44.3	42.3	39	31.7	35.3	28.2	28.7		34
36		46.4	48	46.3	46.2	43.4	41.7	39.1	36	31.4	33.3	28.2	28.6		36
38		41.8	43.4	43.9	42.9	40.1	39.3	36.4	34.6	30.8	32.2	28.1	28.5	23.2	38
40		38	39.9	41.4	39.8	37.7	36.6	35	32.7	30.1	31	28	28.2	23.2	40
45		30.5	32.4	33.8	33.4	32.9	31.3	29.7	28	27.4	26.2	25.6	24.1	22.4	45
50			26.8	28.1	28.3	28.2	26.8	25.5	23.9	23.4	22.3	21.9	20.3	19.3	50
55			22.5	23.8	23.9	24.2	23.1	22	20.6	20.3	19.2	18.7	17.2	16.4	55
60			19.1	20.4	20.5	20.8	20.1	19.1	17.8	17.6	16.5	16.2	14.7	14	60
65				17.6	17.7	18	17.6	16.7	15.5	15.3	14.2	13.9	12.5	12	65
70				15.4	15.4	15.7	15.3	14.6	13.5	13.3	12.3	12	10.7	10.2	70
75				13.5	13.5	13.8	13.4	12.8	11.8	11.6	10.6	10.4	9.2	8.7	75
80					11.8	12.1	11.6	11.3	10.2	10.1	9.2	9	7.8	7.3	80
85					10.3	10.6	10.1	9.8	8.9	8.8	7.9	7.8	6.5	6.2	85
90					9.1	9.3	8.8	8.5	7.8	7.6	6.7	6.7	5.4	5.1	90
95						8.2	7.7	7.4	6.7	6.6	5.7	5.7	4.4	4.2	95
100						7.1	6.7	6.4	5.7	5.7	4.8	4.8	3.5	3.3	100
105						6.3	5.8	5.4	4.9	4.8	4	4	2.6	2.4	105
110							5	4.6	4	4.1	3.2	3.2			110
115							4.3	3.9	3.3	3.4	2.4	2.5			115
120								3.3	2.6	2.7					120
125								2.7							125

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# Lifting capacities Forces de levage

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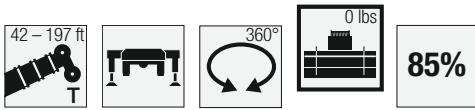


	42 ft	56 ft	70 ft	84 ft	99 ft	113 ft	127 ft	141 ft	156 ft	166 ft	170 ft	180 ft	184 ft	197 ft	
10	182.2	182.2	180.8	150.4											10
11	182.2	182.2	181.4	149.1											11
12	182.2	182.2	180.6	147.7											12
13	179.8	181.5	176.1	146.4	123.6										13
14	173.1	173.6	168.4	145	122.9										14
15	163.3	163.8	161.4	143	122										15
16	153.2	154	148.6	134	121	96.8									16
17	144	144.5	135.9	126	116.8	95.9									17
18	135.5	136.1	127.5	115.8	109.4	94									18
19	127.3	127.8	117.4	110.6	102.1	90.8	72.8								19
20	119.4	117.3	108.6	103.6	94.9	86.1	72.3								20
22	105.6	100.8	96.7	89.8	82.5	76	68.9	51.2							22
24	91.1	87.1	84.4	78.7	72.6	67.5	64	54.6							24
26	77.3	77.8	74.4	70	64.5	62.7	57.9	52.6	43.7						26
28	65.8	68.7	66.3	62.5	59	57	52.3	48.1	43.3						28
30	56.9	61	59.5	56.2	55.6	51.7	48.5	45.9	41.3	31.9	35.3				30
32	49.7	53.7	53.9	51.1	50.7	47.2	44.8	42.3	38.9	31.9	34.7	28.3			32
34	43.9	47.9	49	47.8	46.5	43.3	42.2	38.9	36.4	31.7	33.1	28.2	28.7		34
36		42.8	44.4	45	42.7	40.3	39	37	34.8	31.4	32.1	28.2	28.7		36
38		38.5	40.6	41.5	39.6	38.5	36.1	34.7	32.6	30.8	30.5	28.1	28.1	23.2	38
40		34.9	36.9	38.4	36.7	36	34	32.2	30.3	29.4	28.3	27.6	26.1	23.2	40
45		27.9	29.8	31.2	31	30.2	28.7	27.2	25.5	25	23.8	23.3	21.7	20.5	45
50			24.6	25.9	26	25.9	24.4	23.2	21.7	21.2	20.1	19.7	18.2	17.2	50
55			20.5	21.9	22	22.2	21	19.9	18.6	18.3	17.2	16.8	15.3	14.5	55
60			17.4	18.6	18.7	19	18.2	17.2	16	15.7	14.6	14.4	13	12.2	60
65				16	16.1	16.4	15.8	14.9	13.8	13.6	12.5	12.3	10.9	10.4	65
70				13.9	14	14.2	13.8	13	11.9	11.7	10.7	10.5	9.2	8.7	70
75				12	12.1	12.4	11.9	11.3	10.3	10.1	9.1	9	7.7	7.3	75
80					10.5	10.8	10.3	9.8	8.9	8.7	7.8	7.7	6.4	6.1	80
85					9.1	9.3	8.9	8.5	7.6	7.5	6.6	6.5	5.2	5	85
90					7.9	8.1	7.7	7.3	6.5	6.4	5.5	5.5	4.2	4	90
95						7.1	6.6	6.3	5.5	5.4	4.5	4.5	3.2	3	95
100						6.1	5.6	5.3	4.6	4.5	3.7	3.7			100
105						5.3	4.8	4.5	3.9	3.8	2.9	2.9			105
110							4	3.7	3.1	3					110
115							3.4	3	2.3	2.3					115
120								2.4							120

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# Lifting capacities Forces de levage

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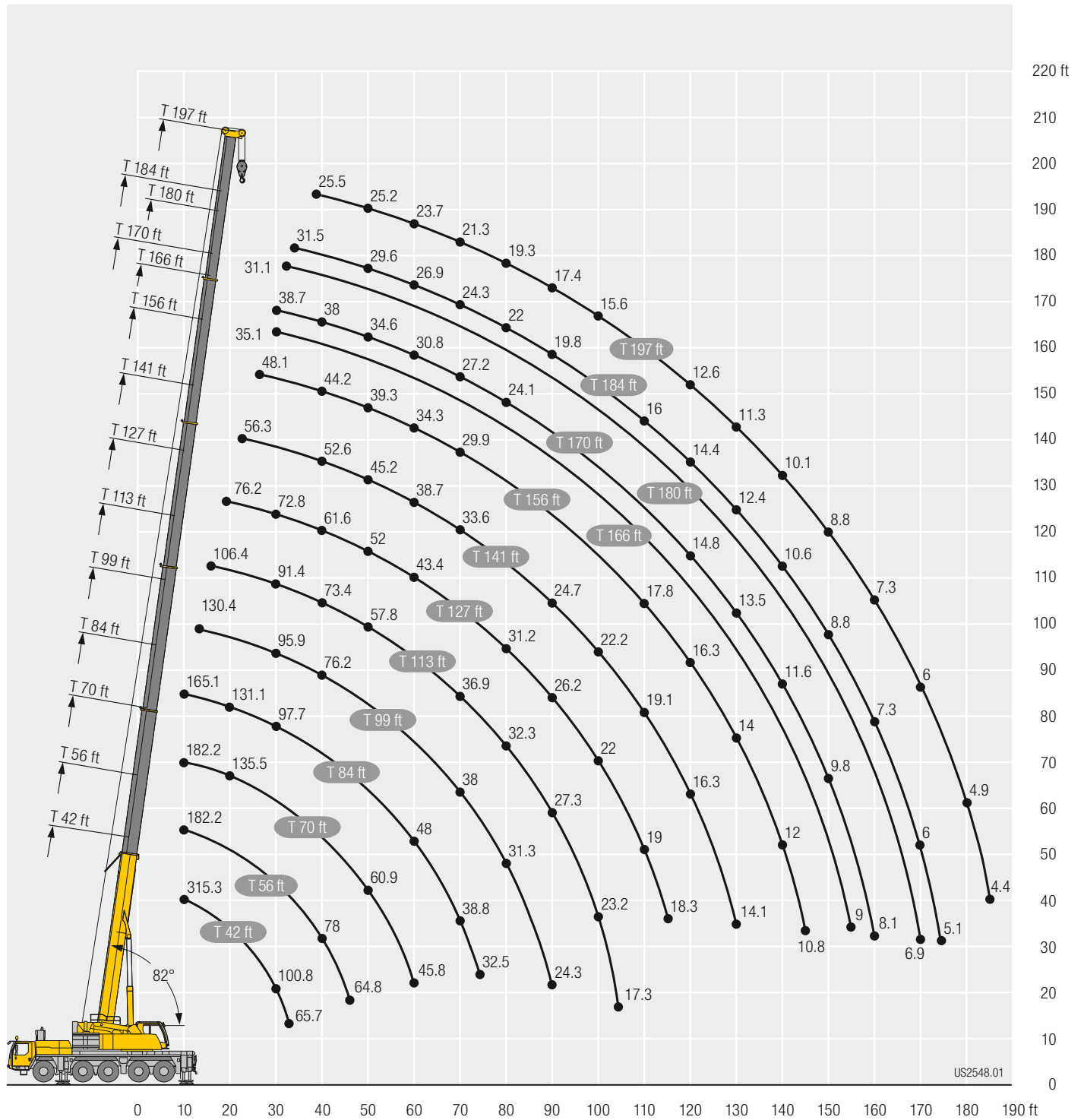


	42 ft	56 ft	70 ft	84 ft	99 ft	113 ft	127 ft	141 ft	156 ft	166 ft	170 ft	180 ft	184 ft	197 ft	
10	182.2	182.2	180.8	150.4											10
11	182.2	182.2	181.4	149.1											11
12	182.2	182.2	179.5	147.7											12
13	178.1	178.6	170.2	141.1	123.6										13
14	167.2	167.8	149.6	131.7	119.4										14
15	155.9	151.5	134.8	124.2	113.5										15
16	145.8	135.8	124	114.8	102.9	90.9									16
17	134.4	123.8	112.8	104.8	93.6	83.1									17
18	122.1	111.9	105	95.1	85.4	77.6									18
19	110	101.3	95.5	87	78.7	73	67.6								19
20	98.8	92.8	87.4	80.2	73.5	69.7	62.7								20
22	81.4	78.6	74.2	68.7	66.5	60.8	55.6	50.3							22
24	69.1	67.4	64.3	61	58.4	53.6	50.7	46.8							24
26	58.3	58.5	56.4	55.6	51.8	48.8	46	42.9	38.2						26
28	49	51.3	50.6	49.5	46.4	44.8	41.9	39.2	36.1						28
30	42	45.5	45.2	44.4	42.3	40.5	38	35.6	33.2	31.6	30.7				30
32	36.3	40.3	40.7	40.3	38.4	36.9	34.6	32.5	30.3	29.4	28	26.8			32
34	31.7	35.7	36.8	36.7	35	33.7	31.6	29.8	27.7	27	25.5	25	23.2		34
36		31.7	33.4	33.5	32	31.1	29	27.3	25.4	24.7	23.5	22.9	21.2		36
38		28.3	30.3	30.7	29.5	28.5	26.7	25.2	23.4	22.8	21.5	21.1	19.4	18.3	38
40		25.4	27.4	28.2	27.1	26.4	24.7	23.2	21.6	21.1	19.8	19.4	17.8	16.7	40
45		19.8	21.7	23.1	22.3	21.8	20.5	19.2	17.7	17.3	16.2	15.9	14.4	13.5	45
50			17.6	18.9	18.7	18.3	17.1	16	14.7	14.4	13.3	13.1	11.6	10.9	50
55			14.3	15.7	15.7	15.5	14.3	13.4	12.2	12	10.9	10.7	9.3	8.7	55
60			11.6	13	13.2	13.2	12.1	11.2	10.1	9.9	8.9	8.8	7.4	7	60
65			10.8	11	11.2	10.2	9.4	8.4	8.2	7.2	7.2	7.2	5.8	5.5	65
70			9	9.1	9.4	8.6	7.9	6.9	6.8	5.8	5.7	5.7	4.4	4.1	70
75			7.5	7.6	7.9	7.3	6.5	5.6	5.5	4.6	4.5	4.5	2.9	2.6	75
80					6.3	6.6	6.1	5.4	4.5	4.4	3.3	3.3			80
85					5.2	5.5	5	4.4	3.4	3.3					85
90					4.3	4.5	4.1	3.5	2.2						90
95						3.7	3.1	2.4							95
100						2.9									100
105						2.3									105

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# Lifting heights Hauteurs de levage

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US2548.01

# Lifting capacities Forces de levage

TK





↙	42 ft			99 ft			113 ft			127 ft			141 ft			156 ft			↘
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
14	38.7																		14
15	38.7			38.7															15
16	38.7	37.6		38.7															16
17	38.7	37.5		38.7															17
18	38.7	37.3		38.7			38.7												18
19	38.2	36.4		38.7			38.7												19
20	37.6	35.7		38.7			38.7												20
22	36.2	34.5		38.7			38.7			37.2									22
24	34.8	33.2		38.7			38.7			37.1									24
26	33.4	32	25.9	38.7			38.7			37			31.8						26
28	31.9	30.8	25.5	38.7	33.4		38.7			36.7			31.7			19.5			28
30	30.4	29.7	24.7	38.7	32.6		38.7	32.3		36.3			31.7			26.5			30
32	28.9	28.6	24.1	38.7	31.8		38.7	31.7		35.8			31.4			26.4			32
34	27.4	27.6	23.4	38.7	31		38.6	31		35.3	30		31.2			26.3			34
36	25.9	26.7	22.9	38.7	30.4	24.2	37.9	30.4		34.8	29.6		30.8			26.2			36
38	24.4	25.8	22.3	38.3	29.7	23.8	37.2	29.7	23.7	34.3	29		30.5	27.5		26.1			38
40	23.2	24.5	21.8	37.6	29.1	23.5	36.5	29.2	23.5	33.9	28.5		30.2	27.1		25.9			40
45	20.5	21.3	20	35.6	27.6	22.6	34.9	27.8	22.7	32.7	27.3	22.5	29.4	26.1		25.5	24.2		45
50	18.3	19.3	18.4	33.6	26.2	21.9	33.4	26.6	22	31.5	26.3	21.8	28.6	25.2	21.4	25	23.5		50
55	16.5	18.1	17.5	31.5	25.1	21.2	31.9	25.5	21.4	30.4	25.3	21.2	27.8	24.4	20.8	24.6	22.9	19.5	55
60	15	17.1	16.9	29.3	24	20.6	30.4	24.5	20.8	29.3	24.4	20.7	27.1	23.6	20.3	24	22.3	19.5	60
65	13.7	16.4	6.4	27.2	23	20	28.9	23.6	20.3	28.3	23.5	20.2	26.3	22.9	19.9	23.5	21.7	19.5	65
70				25	22.2	19.6	27.2	22.7	19.8	27.2	22.7	19.8	25.6	22.2	19.5	22.7	21.1	19.3	70
75				23.1	21.3	19.1	25.5	22	19.3	26.2	22	19.3	24.6	21.6	19.4	21.8	20.6	18.9	75
80				21.6	20.4	18.6	23.7	21.2	18.9	25	21.4	19	23.5	21	19.1	21	20.1	18.6	80
85				20.2	19.6	18.1	22.2	20.5	18.5	23.6	20.8	18.6	22.4	20.5	18.7	20	19.4	18.3	85
90				18.9	18.9	17.7	20.9	19.8	18.2	22.2	20.2	18.3	21.2	19.9	18.3	18.8	18.6	17.9	90
95				17.8	18.2	17.4	19.7	19.1	17.8	20.9	19.6	18	20.1	19.3	17.9	17.7	17.7	17.3	95
100				16.7	17.7	17.1	18.6	18.5	17.4	19.7	19	17.7	18.7	18.7	17.7	16.8	16.9	16.7	100
105				15.8	17.2	16.9	17.6	18	17.2	18.7	18.5	17.4	17.2	17.9	17.3	15.9	16	15.9	105
110				15	16.7	14	16.7	17.5	16.9	17.5	17.8	17.1	15.8	16.8	16.8	15	15.1	15.2	110
115				14.2	16.4		15.9	17	16.7	16.3	16.8	16.7	14.7	15.4	16	14.1	14.3	14.4	115
120				13.6	16.3		15.1	16.1	16.2	15	15.6	16	13.9	14.2	14.7	13	13.5	13.6	120
125				12.4			14.3	14.8		13.7	14.3	14.6	13.2	13.2	13.5	11.9	12.7	12.9	125
130							13.5	13.7		12.6	13.1	13.4	12.4	12.6	12.6	10.9	11.7	12.2	130
135							12.5	12.7		11.6	12		11.4	11.9	12.1	10.4	10.7	11.3	135
140							7.9			10.6	11		10.4	10.9	11.3	10	10	10.4	140
145										9.7	10		9.5	10	10.3	9.5	9.5	9.6	145
150										8.8	9.1		8.7	9.1		8.9	9.1	9.2	150
155													8.2	8.3		8.1	8.5	8.8	155
160													7.9	8		7.4	7.7		160
165													7.7	7.8		6.9	7		165
170																6.6	6.6		170
175																6.4	6.4		175
180																6			180

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# Lifting capacities Forces de levage

TK



	166 ft			170 ft			180 ft			184 ft			197 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
32	18.4			19.5												32
34	18.4			19.5			16.3									34
36	18.4			19.5			16.3			16.5						36
38	18.4			19.5			16.3			16.5						38
40	18.4			19.5			16.3			16.5			13.9			40
45	18.4			19.5			16.3			16.5			13.9			45
50	18.3	17.9		19.5	19.5		16.3	16		16.5	16.3		13.9			50
55	18.1	17.5		19.5	19.5		16.2	16		16.5	16.3		13.9	13.6		55
60	17.4	16.8	16.3	19.5	19.5	18.6	16.2	15.9	15.3	16.5	16.3		13.8	13.6		60
65	16.8	16.2	15.6	19.5	19.4	18.3	15.8	15.6	15.1	16.2	16.2	15.5	13.8	13.5	13.1	65
70	16.1	15.6	15.1	19.4	18.9	18	15.3	15	14.7	15.9	15.8	15.4	13.6	13.4	13.1	70
75	15.4	14.9	14.5	18.6	18.2	17.7	14.9	14.5	14.2	15.6	15.3	15.1	13.4	13.3	13.1	75
80	14.7	14.3	14	17.8	17.4	17.1	14.3	13.9	13.7	15.1	14.8	14.6	13.1	13	13	80
85	13.9	13.7	13.5	16.9	16.6	16.5	13.7	13.4	13.3	14.5	14.2	14.1	12.8	12.6	12.6	85
90	13.3	13	13	16.1	15.9	15.8	13.1	12.9	12.8	13.9	13.7	13.6	12.4	12.2	12.2	90
95	12.6	12.5	12.4	15.4	15.1	15.1	12.5	12.3	12.3	13.3	13.2	13.2	11.9	11.8	11.8	95
100	12	11.9	11.9	14.7	14.5	14.5	12	11.8	11.9	12.8	12.7	12.7	11.5	11.4	11.4	100
105	11.4	11.4	11.4	14	13.8	13.8	11.4	11.4	11.4	12.2	12.1	12.2	11	11	11	105
110	10.8	10.8	10.9	13.3	13.2	13.2	10.9	10.9	10.9	11.7	11.6	11.7	10.6	10.6	10.6	110
115	10.2	10.3	10.4	12.7	12.6	12.7	10.4	10.5	10.5	11.2	11.1	11.2	10.2	10.2	10.3	115
120	9.7	9.8	10	12	12.1	12.1	10	10	10.1	10.7	10.7	10.8	9.7	9.8	10	120
125	9.2	9.4	9.5	11.4	11.5	11.6	9.6	9.6	9.7	10.3	10.2	10.3	9.3	9.4	9.6	125
130	8.7	8.9	9.1	10.8	10.9	11.1	9.1	9.2	9.4	9.9	9.8	9.9	8.9	9	9.3	130
135	8.3	8.5	8.7	10.1	10.4	10.6	8.7	8.9	9	9.5	9.5	9.6	8.5	8.7	8.9	135
140	7.9	8.1	8.3	9.4	9.8	10.1	8.4	8.5	8.6	9.1	9.1	9.2	8.1	8.3	8.5	140
145	7.6	7.7	7.9	8.7	9.2	9.5	8	8.1	8.3	8.6	8.8	8.9	7.7	7.9	8.1	145
150	7.2	7.3	7.5	8.3	8.5	8.8	7.7	7.8	7.9	8.1	8.4	8.6	7.3	7.5	7.7	150
155	6.9	7	7.1	8	8	8.1	7.4	7.5	7.6	7.5	7.9	8.1	6.9	7.2	7.3	155
160	6.6	6.6	6.8	7.7	7.7	7.8	7.1	7.2	7.3	6.9	7.4	7.6	6.5	6.8	7	160
165	6.3	6.4	6.4	7.2	7.4	7.5	6.8	6.9	7	6.2	6.7	7	6	6.4	6.6	165
170	6	6.1		6.6	6.9		6.4	6.6	6.7	5.6	6.1	6.3	5.4	5.9	6.1	170
175	5.7	5.8		6	6.4		6	6.2	6.4	5	5.4	5.6	4.9	5.3	5.6	175
180	5.4	5.5		5.5	5.7		5.5	5.8		4.4	4.8	5	4.3	4.7	4.9	180
185	5.2	5.3		5	5.2		4.9	5.2		3.9	4.3		3.8	4.2	4.4	185
190	4.8			4.5	4.6		4.4	4.7		3.4	3.7		3.3	3.7	3.8	190
195				3.8			4	4.2		3	3.2		2.8	3.1		195
200							3.5	3.7		2.5	2.7		2.4	2.7		200
205							3			2.1	2.3		1.9	2.2		205
210										1.8				1.8		210

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# Lifting capacities Forces de levage

TK





↙	42 ft			99 ft			113 ft			127 ft			141 ft			156 ft			↘
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
17	16.7																		17
18	16.6																		18
19	16.4																		19
20	16.3			14.2															20
22	16			14.1															22
24	15.7			14			13.5												24
26	15.3			13.9			13.4			12.6									26
28	14.9			13.7			13.3			12.5									28
30	14.5	11.7		13.6			13.2			12.5			12						30
32	14.1	11.6		13.5			13.1			12.4			11.9			11.9			32
34	13.7	11.4		13.3			12.9			12.3			11.8			11.8			34
36	13.3	11.1		13.1			12.8			12.2			11.7			11.7			36
38	13	10.8		12.9			12.6			12.1			11.6			11.6			38
40	12.6	10.6		12.8			12.5			11.9			11.5			11.5			40
45	11.8	10.1		12.3	10.3		12.1	10.2		11.7			11.3			11.4			45
50	11.1	9.7	8.7	11.9	10		11.8	10		11.4	9.8		11.1			11.2			50
55	10.4	9.3	8.5	11.5	9.7		11.5	9.7		11.1	9.6		10.8	9.6		11	9.6		55
60	9.9	9	8.3	11.2	9.5	8.4	11.1	9.5		10.8	9.4		10.6	9.4		10.7	9.5		60
65	9.3	8.8	8.1	10.8	9.2	8.3	10.8	9.3	8.2	10.5	9.2	8.2	10.4	9.2		10.5	9.3		65
70	8.7	8.5	8	10.4	9	8.2	10.5	9.1	8.1	10.3	9	8.1	10.2	9	8.1	10.3	9.1		70
75	8	8.3	7.9	10.1	8.9	8.1	10.2	8.9	8.1	10	8.9	8	9.9	8.9	8	10	8.9	8	75
80	7.5	8.1	7.9	9.8	8.7	8	9.9	8.7	8	9.8	8.7	8	9.7	8.7	7.9	9.8	8.8	7.9	80
85	7	8	7.9	9.5	8.5	7.9	9.6	8.6	7.9	9.6	8.6	7.9	9.6	8.6	7.9	9.7	8.7	7.9	85
90	6.5	7.9	7.9	9.3	8.4	7.8	9.4	8.4	7.8	9.4	8.4	7.8	9.4	8.4	7.8	9.5	8.6	7.8	90
95	6.1	7.9		9	8.3	7.8	9.2	8.3	7.8	9.2	8.3	7.8	9.2	8.3	7.8	9.3	8.4	7.8	95
100				8.6	8.1	7.7	9	8.2	7.8	9	8.2	7.7	9	8.2	7.7	9.2	8.3	7.7	100
105				8.3	8.1	7.7	8.7	8.1	7.7	8.8	8.1	7.7	8.9	8.1	7.7	9	8.2	7.7	105
110				7.9	8	7.7	8.4	8	7.7	8.6	8	7.7	8.7	8.1	7.7	8.9	8.1	7.7	110
115				7.6	7.9	7.7	8.1	8	7.7	8.4	7.9	7.7	8.5	8	7.7	8.7	8	7.6	115
120				7.3	7.8	7.7	7.8	7.9	7.7	8.1	7.9	7.7	8.4	7.9	7.7	8.6	8	7.6	120
125				7	7.7	7.7	7.5	7.8	7.7	7.9	7.9	7.7	8.2	7.9	7.7	8.4	7.9	7.6	125
130				6.8	7.6	7.7	7.3	7.8	7.7	7.6	7.8	7.7	7.9	7.8	7.7	8.3	7.8	7.6	130
135				6.6	7.4	7.5	7	7.7	7.7	7.4	7.6	7.7	7.7	7.8	7.7	8.1	7.8	7.6	135
140				6.4	7.1		6.8	7.6	7.7	7.1	7.4	7.7	7.4	7.7	7.7	7.9	7.7	7.6	140
145				6.2	6.8		6.6	7.4	7.6	6.9	7.2	7.4	7.2	7.5	7.6	7.7	7.7	7.6	145
150				6.1	6.6		6.4	7.2		6.7	7	7.2	7	7.3	7.5	7.5	7.7	7.6	150
155							6.2	7		6.5	6.7	6.9	6.9	7.1	7.3	7.3	7.6	7.6	155
160							6.1	6.8		6.3	6.5	6.6	6.7	6.9	7.1	7.1	7.4	7.6	160
165							6			6.1	6.3		6.5	6.7	6.8	6.9	7.3	7.5	165
170										5.9	6		6.3	6.5	6.6	6.7	7.1	7.3	170
175										5.7	5.8		6.2	6.3		6.4	6.9	7	175
180										5.6			6	6.1		5.9	6.5	6.7	180
185													5.9	5.9		5.4	5.9		185
190													5.7	5.8		5.1	5.4		190
195													4.8			4.9	5		195
200																4.7	4.8		200
205																4.6	4.7		205
210																2.6			210

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# Lifting capacities Forces de levage

TK



	166 ft			170 ft			180 ft			184 ft			197 ft			
	0°	20°	40°	0°	20°	40°	62 ft			0°	20°	40°	0°	20°	40°	
36	10.1			10.9												36
38	10.1			10.8												38
40	10.1			10.8			9.4			9.5						40
45	9.9			10.6			9.3			9.4			8.5			45
50	9.8			10.5			9.3			9.3			8.5			50
55	9.7			10.3			9.2			9.2			8.4			55
60	9.6	8.9		10.2	9.2		9.1			9.2			8.4			60
65	9.5	8.8		10	9		9	8.5		9.1	8.5		8.3			65
70	9.3	8.7		9.8	8.9		8.9	8.4		9	8.4		8.2	7.8		70
75	9.2	8.6		9.6	8.8		8.8	8.3		8.9	8.3		8.2	7.8		75
80	9	8.4	7.8	9.5	8.7	7.9	8.7	8.2		8.8	8.2		8.1	7.8		80
85	8.9	8.3	7.8	9.3	8.6	7.8	8.6	8.1	7.6	8.6	8.1	7.7	8	7.7		85
90	8.8	8.2	7.7	9.2	8.4	7.8	8.5	8.1	7.6	8.6	8.1	7.6	8	7.7	7.5	90
95	8.7	8.1	7.7	9	8.3	7.7	8.4	8	7.6	8.5	8	7.6	7.9	7.7	7.4	95
100	8.6	8.1	7.6	8.9	8.2	7.7	8.3	7.9	7.6	8.4	7.9	7.6	7.9	7.6	7.4	100
105	8.5	8	7.6	8.8	8.1	7.7	8.2	7.9	7.5	8.3	7.9	7.5	7.8	7.6	7.4	105
110	8.4	7.9	7.6	8.7	8	7.6	8.2	7.8	7.5	8.2	7.8	7.5	7.7	7.5	7.4	110
115	8.3	7.8	7.6	8.6	8	7.6	8.1	7.8	7.5	8.1	7.8	7.5	7.7	7.5	7.4	115
120	8.2	7.8	7.6	8.5	7.9	7.6	8	7.7	7.5	8	7.7	7.5	7.6	7.4	7.4	120
125	8	7.7	7.6	8.3	7.8	7.6	7.9	7.7	7.5	8	7.7	7.5	7.5	7.4	7.4	125
130	7.7	7.6	7.6	8.2	7.8	7.6	7.8	7.6	7.5	7.9	7.6	7.5	7.4	7.4	7.4	130
135	7.5	7.5	7.5	8.1	7.7	7.6	7.6	7.5	7.5	7.8	7.6	7.5	7.3	7.3	7.4	135
140	7.2	7.4	7.5	7.9	7.7	7.6	7.4	7.4	7.5	7.6	7.5	7.5	7.2	7.3	7.4	140
145	7	7.2	7.4	7.8	7.6	7.6	7.2	7.2	7.4	7.4	7.4	7.5	7.1	7.2	7.3	145
150	6.7	6.9	7.2	7.6	7.6	7.6	6.9	7	7.2	7.3	7.3	7.5	6.8	7	7.2	150
155	6.4	6.7	6.9	7.4	7.6	7.6	6.6	6.8	7	7.1	7.2	7.4	6.5	6.8	7	155
160	6.1	6.4	6.6	7.1	7.6	7.6	6.4	6.6	6.8	6.8	7	7.2	6.2	6.6	6.8	160
165	5.8	6.1	6.3	6.6	7.2	7.5	6.2	6.4	6.6	6.5	6.8	7	5.9	6.3	6.6	165
170	5.6	5.8	6	6.3	6.8	7.3	5.9	6.1	6.4	6.1	6.6	6.8	5.6	6.1	6.3	170
175	5.3	5.5	5.7	6.1	6.2	6.7	5.7	5.9	6.1	5.6	6.2	6.6	5.2	5.8	6	175
180	5.1	5.3	5.5	5.9	6	6.2	5.4	5.6	5.8	5.1	5.8	6.2	4.8	5.4	5.7	180
185	4.8	5	5.2	5.5	5.8	6	5.2	5.4	5.6	4.6	5.4	5.8	4.3	5	5.5	185
190	4.6	4.8	4.9	5.1	5.6	5.7	5	5.2	5.4	4.1	4.9	5.3	3.9	4.6	5	190
195	4.4	4.6		4.7	5.2	5.4	4.6	5	5.1	3.7	4.4	4.7	3.5	4.2	4.6	195
200	4.2	4.3		4.2	4.7		4.1	4.7	4.8	3.2	3.8	4.1	3	3.7	4.1	200
205	4	4.1		3.8	4.2		3.7	4.2		2.8	3.4	3.6	2.6	3.2	3.6	205
210	3.8	3.9		3.4	3.7		3.3	3.8		2.4	2.9		2.2	2.8	3.1	210
215	3.7	3.7		3.1	3.3		2.9	3.3		2	2.5		1.8	2.4	2.5	215
220	1.8			2.7	2.9		2.6	2.9			2.1			1.9		220
225							2.3	2.5								225
230							2	2.1								230

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# Lifting capacities Forces de levage

TK



	42 ft			99 ft			113 ft			127 ft			141 ft			156 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
	35 ft																		
14	38.1																		14
15	37.5			38.7															15
16	36.8	34.2		38.7															16
17	36.1	34.1		38.7															17
18	35.5	33.9		38.7			38.6												18
19	34.8	33.1		38.7			38.5												19
20	34.2	32.4		38.7			38.4												20
22	32.9	31.3		38.7			38.2			33.8									22
24	31.7	30.2		38.7			37.9			33.7									24
26	30.3	29.1	23.5	38.7			37.5			33.6			28.9						26
28	29	28	23.1	38.6	30.4		37			33.4			28.8			19.5			28
30	27.7	27	22.5	38	29.6		36.4	29.4		33			28.8			24.1			30
32	26.3	26	21.9	37.2	28.9		35.8	28.8		32.6			28.6			24			32
34	24.9	25.1	21.3	36.4	28.2		35.1	28.2		32.1	27.3		28.3			23.9			34
36	23.6	24.3	20.8	35.7	27.6	22	34.1	27.6		31	26.9		28			23.9			36
38	22.2	23.4	20.3	34.6	27	21.7	32.2	27	21.6	29.9	26.4		26.9	25		23.7			38
40	21	22.3	19.8	32.8	26.4	21.3	30.1	26.5	21.3	27.7	25.9		26	24.7		23.3			40
45	18.6	19.4	18.2	27.5	25.1	20.6	25.2	25.3	20.7	23.3	24.8	20.4	22.5	23.3		21.2	22		45
50	16.7	17.5	16.7	23.4	23.9	19.9	21.3	23.4	20	21.6	21.9	19.9	21.1	21	19.5	19.1	20.3		50
55	15	16.4	15.9	20	21.9	19.2	18.1	20.2	19.4	19.6	18.9	19.3	18.4	18.7	19.2	17	17.7	18.3	55
60	13.6	15.5	15.4	17.2	19	18.7	15.4	17.3	18.7	17	17.9	17.6	15.8	17.5	17.2	14.7	16.5	16.9	60
65	12.5	14.9	6.4	14.9	16.5	17.7	13.2	14.9	16.4	14.8	16.3	15.8	13.7	15.3	15.7	12.6	14.3	15.3	65
70				13	14.3	15.5	11.3	12.8	14.1	12.9	14.3	15.2	11.9	13.3	14.8	10.8	12.4	13.7	70
75				11.2	12.5	13.5	9.6	11	12.2	11.3	12.5	13.8	10.3	11.6	13	9.3	10.7	11.9	75
80				9.7	10.8	11.6	8.2	9.5	10.5	9.9	11	12.2	9	10.2	11.4	8	9.3	10.4	80
85				8.3	9.3	10	6.9	8.1	9	8.6	9.6	10.7	7.7	8.8	10	6.8	8	9	85
90				7.1	7.9	8.5	5.8	6.9	7.7	7.5	8.4	9.4	6.7	7.7	8.7	5.7	6.8	7.8	90
95				6	6.8	7.2	4.9	5.8	6.5	6.5	7.4	8.3	5.7	6.6	7.6	4.8	5.8	6.6	95
100				5	5.7	6.1	4	4.8	5.4	5.6	6.4	7.2	4.8	5.7	6.6	3.9	4.9	5.6	100
105				4.2	4.8	5	3.1	3.9	4.4	4.8	5.5	6.2	4.1	4.8	5.7	3.2	4.1	4.7	105
110				3.4	3.9	4.1	2.2	3	3.4	4	4.7	5.3	3.4	4.1	4.8	2.3	3.3	3.9	110
115				2.8	3.1			2.1	2.5		3.4	4	4.5	2.7	3.4	4.1		3.1	115
120				2.2	2.4						2.7	3.3	3.7	1.9	2.7	3.3		2.4	120
125											2	2.6	3		2	2.6			125
130											1.9	2.3			1.9				130

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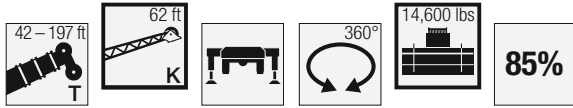
	166 ft			170 ft			180 ft			184 ft			197 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
	35 ft															
32	16.8			18.5												32
34	16.8			18.5			14.8									34
36	16.8			18.5			14.8			15						36
38	16.8			18.4			14.8			15						38
40	16.8			18.4			14.8			15			12.6			40
45	16.8			18.4			14.8			15			12.6			45
50	16.7	16.3		17.1	18.3		14.8	14.6		15	14.8		12.6			50
55	16.4	15.9		15.6	16.8		14.7	14.6		13.9	14.8		12.4	12.4		55
60	14.2	15.3	14.8	13.3	15.2	15.6	12.9	14.3	13.9	11.7	13.7		11.1	12.2		60
65	12.3	13.9	14.2	11.3	13.1	14.6	11	12.8	13.8	9.8	11.7	13.3	9.3	11	11.8	65
70	10.5	12	13.4	9.6	11.2	12.6	9.4	11	12.4	8.2	9.9	11.4	7.7	9.4	10.8	70
75	9	10.5	11.6	8.2	9.7	10.9	7.9	9.4	10.7	6.7	8.3	9.7	6.4	7.9	9.2	75
80	7.7	9	10.1	6.9	8.2	9.4	6.7	8.1	9.2	5.5	7	8.2	5.1	6.6	7.8	80
85	6.5	7.7	8.7	5.7	7	8.1	5.5	6.8	7.9	4.4	5.7	6.9	4	5.4	6.6	85
90	5.5	6.6	7.5	4.7	5.9	6.9	4.5	5.7	6.7	3.3	4.7	5.7	2.9	4.3	5.4	90
95	4.6	5.6	6.5	3.8	4.9	5.8	3.6	4.7	5.6	2.1	3.7	4.6		3.4	4.4	95
100	3.7	4.7	5.5	2.8	4	4.8	2.7	3.8	4.7		2.7	3.7		2.3	3.4	100
105	3	3.9	4.6	1.9	3.1	3.9		3	3.8			2.8			2.5	105
110	2	3.1	3.7		2.2	3.1		2.1	3							110
115		2.3	3			2.2			2.1							115
120			2.2													120

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# Lifting capacities Forces de levage

TK



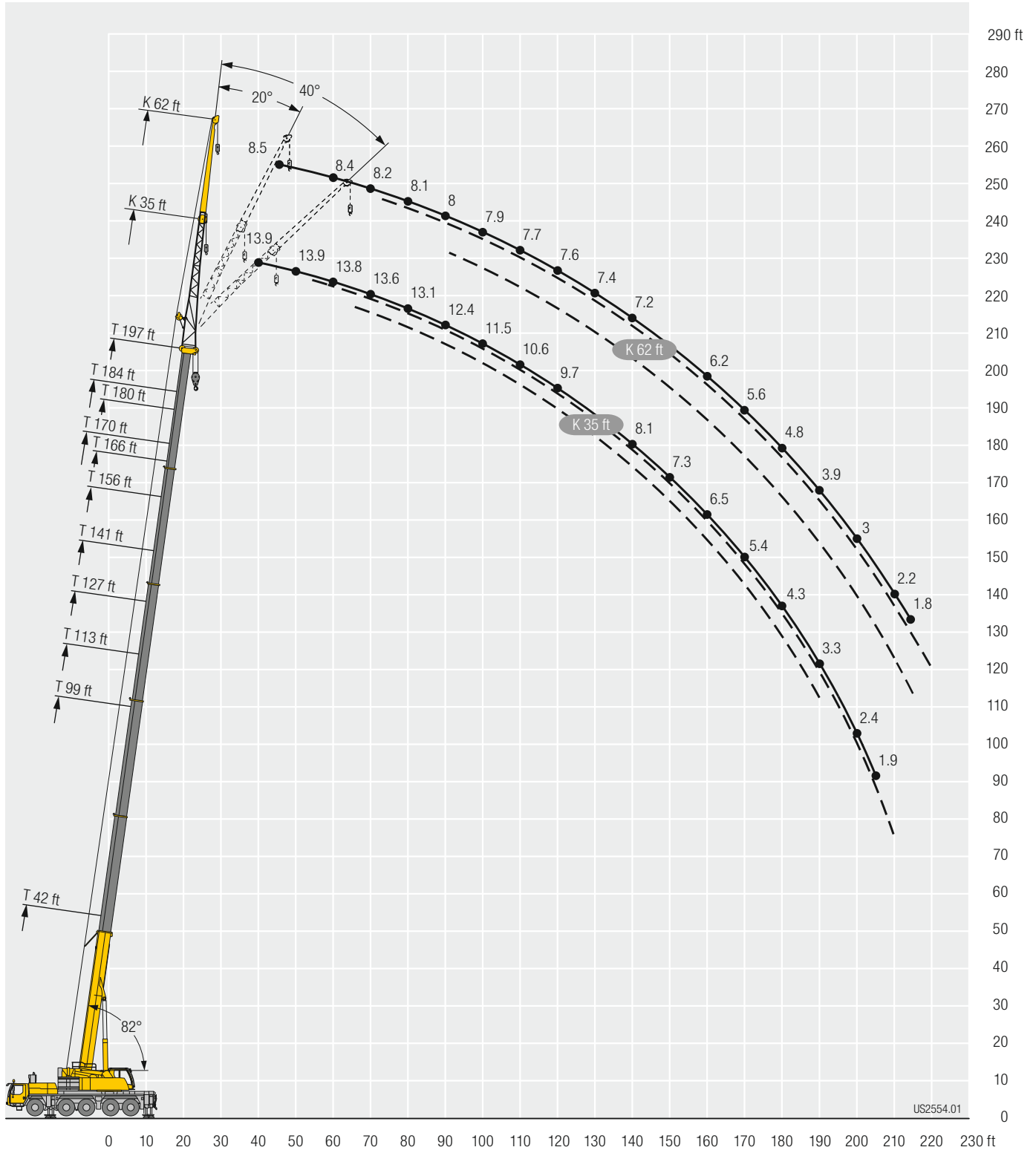
	42 ft			99 ft			113 ft			127 ft			141 ft			156 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
	62 ft																		
17	15.2																		17
18	15.1																		18
19	14.9																		19
20	14.8			12.9															20
22	14.5			12.8															22
24	14.2			12.7			12.3												24
26	13.9			12.6			12.2			11.5									26
28	13.6			12.5			12.1			11.4									28
30	13.2	10.6		12.4			12			11.3			10.9						30
32	12.8	10.6		12.2			11.9			11.2			10.8			10.8			32
34	12.5	10.4		12.1			11.8			11.1			10.7			10.7			34
36	12.1	10.1		11.9			11.6			11			10.6			10.6			36
38	11.8	9.9		11.8			11.5			11			10.6			10.5			38
40	11.5	9.7		11.6			11.4			10.9			10.5			10.5			40
45	10.7	9.2		11.2	9.4		11	9.3		10.6			10.3			10.3			45
50	10.1	8.8	7.9	10.9	9.1		10.7	9.1		10.4	8.9		10.1			10.2			50
55	9.4	8.5	7.7	10.5	8.8		10.4	8.8		10.1	8.7		9.9	8.7		9.9	8.8		55
60	9	8.2	7.5	10.1	8.6	7.6	10.1	8.6		9.8	8.5		9.6	8.5		9.7	8.6		60
65	8.5	8	7.4	9.8	8.4	7.5	9.8	8.4	7.5	9.6	8.4	7.4	9.4	8.3		9.5	8.4		65
70	7.9	7.7	7.3	9.5	8.2	7.4	9.5	8.3	7.4	9.3	8.2	7.4	9.2	8.2	7.3	9.1	8.3		70
75	7.3	7.5	7.2	9.1	8	7.3	9.3	8.1	7.3	9.1	8.1	7.3	9	8	7.3	8.7	8.1	7.3	75
80	6.8	7.4	7.1	8.9	7.9	7.2	9	7.9	7.2	8.9	7.9	7.2	8.9	7.9	7.2	8.2	8	7.2	80
85	6.3	7.3	7.1	8.7	7.8	7.2	8.8	7.8	7.2	8.7	7.8	7.2	8.3	7.8	7.2	7.3	7.9	7.2	85
90	5.9	7.2	7.1	8.4	7.6	7.1	8.6	7.7	7.1	8.2	7.7	7.1	7.4	7.7	7.1	6.2	7.6	7.1	90
95	5.6	7.2		8.1	7.5	7.1	8.2	7.6	7.1	7.3	7.6	7.1	6.4	7.5	7.1	5.3	7.1	7.1	95
100				7.7	7.4	7	7.4	7.5	7	6.4	7.4	7	5.6	7.2	7	4.5	6.2	7	100
105				6.9	7.3	7	6.5	7.4	7	5.6	7	7	4.8	6.3	7	3.7	5.3	6.7	105
110				6.1	7.1	7	5.7	6.8	7	4.9	6.2	6.9	4.1	5.5	6.6	3	4.6	5.9	110
115				5.3	6.3	6.9	5	6	6.8	4.3	5.4	6.4	3.5	4.8	5.8	2.3	3.8	5	115
120				4.7	5.5	6	4.4	5.3	6	3.7	4.8	5.6	2.9	4.1	5.1		3.2	4.3	120
125				4.1	4.8	5.3	3.8	4.6	5.2	3.1	4.1	4.9	2.3	3.5	4.4		2.5	3.6	125
130				3.6	4.2	4.5	3.3	4	4.5	2.6	3.5	4.2		2.9	3.7		1.8	2.9	130
135				3.1	3.6	3.8	2.8	3.5	3.9	1.9	3	3.5		2.3	3.1			2.3	135
140				2.6	3.1		2.3	2.9	3.3		2.4	2.9			2.5				140
145				2.2	2.5		1.8	2.4	2.7		1.8	2.4			1.9				145
150				1.9	2			1.9											150

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	166 ft			170 ft			180 ft			184 ft			197 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
36	9.2			9.9												36
38	9.2			9.9												38
40	9.1			9.8			8.6			8.7						40
45	9			9.6			8.5			8.6			7.8			45
50	8.9			9.5			8.4			8.5			7.7			50
55	8.8			9.4			8.4			8.4			7.6			55
60	8.7	8.1		9.2	8.4		8.3			8.3			7.6			60
65	8.6	8		9.1	8.2		8.2	7.7		8.3	7.8		7.5			65
70	8.5	7.9		8.6	8.1		8.1	7.6		8	7.7		7.3	7.1		70
75	8.3	7.8		8.1	8		8	7.5		7.1	7.6		6.5	7.1		75
80	7.9	7.7	7.1	7.3	7.9	7.1	7	7.5		5.9	7.5		5.4	7.1		80
85	6.9	7.6	7.1	6.2	7.6	7.1	5.9	7.4	6.9	4.8	7.1	7	4.4	6.6		85
90	5.9	7.4	7	5.2	7.3	7	4.9	7	6.9	3.9	6.2	6.9	3.4	5.7	6.8	90
95	5	6.8	7	4.3	6.3	7	4.1	6	6.9	2.9	5.1	6.7	2.4	4.8	6.5	95
100	4.2	6	6.9	3.4	5.3	6.9	3.2	5.1	6.7	1.8	4.2	6		3.9	5.6	100
105	3.4	5.1	6.4	2.6	4.5	6	2.3	4.3	5.8		3.4	5		3.1	4.7	105
110	2.7	4.3	5.6		3.7	5.1		3.5	4.9		2.6	4.1		2.2	3.9	110
115	1.9	3.6	4.8		3	4.3		2.8	4.1			3.3			3.1	115
120		2.9	4.1		2.2	3.5		2	3.4			2.5			2.3	120
125		2.3	3.4			2.8			2.7							125
130			2.7			2.1			2							130
135			2.1													135

t\_205\_01219\_00\_000 / 01249\_00\_000 / 01279\_00\_000

# Lifting heights Hauteurs de levage



US2554.01

# Lifting capacities Forces de levage

TVK



Height	42 ft + 23 ft			156 ft + 23 ft			166 ft + 23 ft			170 ft + 23 ft			180 ft + 23 ft			184 ft + 23 ft			197 ft + 23 ft			Height	
	35 ft																						
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
14	14.6																					14	
15	14.6																					15	
16	14.5																					16	
17	14.5																					17	
18	14.5																					18	
19	14.5																					19	
20	14.4	14.6																				20	
22	14.3	14.5																				22	
24	14.1	14.4																				24	
26	13.8	14																				26	
28	13.4	13.5																				28	
30	13	13.1	12.6																			30	
32	12.6	12.6	12.6																			32	
34	12.2	12.2	12.4	14.6																		34	
36	11.8	11.8	12	14.6																		36	
38	11.4	11.4	11.5	14.6			12.6			12.9												38	
40	11	11	11.2	14.6			12.6			12.9			11									40	
45	10.1	10.2	10.3	14.5			12.6			12.9			11			11.2				9.5		45	
50	9.2	9.6	9.7	14.4	14.2		12.5			12.9			11			11.2				9.5		50	
55	8.3	8.9	9.1	14.3	13.7		12.5	12.3		12.8	12.8		11	11		11.2				9.4		55	
60	7.6	8.3	8.6	14.1	13.1	12.3	12.4	12		12.7	12.6		11	11		11.2	11.2			9.4	9.5	60	
65	6.9	7.5	8	13.6	12.6	11.9	12.2	11.6	11	12.6	12.2	11.6	11	10.9	10.6	11.2	11.2			9.4	9.5	65	
70	6.2	6.8	7.2	13.2	12.2	11.4	11.9	11.2	10.6	12.4	11.7	11.2	10.9	10.7	10.3	11.1	11.1	10.7		9.4	9.5	9.3	70
75	5.7	6.1	6.4	12.7	11.7	11.1	11.6	10.8	10.3	12.1	11.4	10.8	10.8	10.4	10	11	10.8	10.4		9.4	9.5	9.3	75
80	5.2	5.5	5.7	12.2	11.3	10.7	11.2	10.4	10	11.9	11	10.5	10.6	10.1	9.8	10.9	10.5	10.1		9.4	9.4	9.2	80
85	4.7	4.9	5	11.8	10.9	10.3	10.8	10.1	9.7	11.5	10.7	10.2	10.3	9.8	9.5	10.7	10.2	9.9		9.3	9.3	9.1	85
90	4.3	4.4		11.3	10.5	10	10.4	9.8	9.5	11.1	10.3	9.9	10.1	9.6	9.3	10.5	10	9.6		9.2	9.1	8.9	90
95				10.9	10.1	9.7	10	9.5	9.2	10.8	10	9.6	9.8	9.4	9.1	10.3	9.7	9.4		9.1	8.9	8.7	95
100				10.5	9.8	9.5	9.6	9.3	9	10.4	9.7	9.4	9.5	9.1	8.9	10	9.5	9.2		8.9	8.8	8.6	100
105				10	9.6	9.3	9.3	9	8.8	10	9.5	9.2	9.1	8.9	8.7	9.7	9.3	9		8.7	8.6	8.4	105
110				9.6	9.3	9	8.9	8.8	8.6	9.7	9.2	9	8.9	8.7	8.5	9.4	9	8.8		8.5	8.4	8.3	110
115				9.2	9	8.8	8.6	8.5	8.4	9.3	9	8.8	8.6	8.4	8.3	9.1	8.9	8.6		8.3	8.2	8.1	115
120				8.8	8.7	8.6	8.3	8.3	8.2	8.9	8.8	8.6	8.3	8.2	8.1	8.8	8.7	8.5		8	8	7.9	120
125				8.4	8.5	8.4	8	8	8	8.6	8.5	8.4	8	8	8	8.5	8.5	8.3		7.8	7.8	7.8	125
130				8	8.1	8.1	7.6	7.7	7.8	8.3	8.2	8.3	7.7	7.7	7.8	8.2	8.2	8.1		7.6	7.5	7.6	130
135				7.7	7.8	7.8	7.3	7.4	7.5	7.9	8	8.1	7.4	7.4	7.5	7.9	7.9	7.9		7.3	7.3	7.4	135
140				7.3	7.4	7.6	7	7.1	7.2	7.6	7.7	7.8	7.1	7.2	7.3	7.6	7.7	7.7		7	7.1	7.2	140
145				7	7.1	7.2	6.6	6.8	6.9	7.3	7.4	7.5	6.9	7	7	7.4	7.4	7.5		6.8	6.8	7	145
150				6.7	6.8	6.9	6.3	6.5	6.6	7	7.1	7.2	6.6	6.7	6.8	7.1	7.1	7.3		6.5	6.6	6.8	150
155				6.4	6.5	6.6	6	6.2	6.3	6.7	6.8	6.9	6.3	6.4	6.6	6.8	6.9	7		6.2	6.4	6.5	155
160				6.2	6.2	6.3	5.7	5.9	6	6.5	6.6	6.6	6.1	6.2	6.3	6.4	6.6	6.7		5.9	6.1	6.3	160
165				5.9	6	6.1	5.5	5.6	5.7	6.2	6.3	6.4	5.8	5.9	6	6	6.3	6.5		5.6	5.8	6	165
170				5.6	5.7	5.8	5.2	5.3	5.4	6	6.1	6.1	5.6	5.7	5.8	5.5	5.9	6.1		5.1	5.5	5.7	170
175				5.4	5.5	5.5	4.9	5.1	5.1	5.8	5.8	5.9	5.3	5.4	5.5	5	5.5	5.7		4.6	5.1	5.4	175
180				5.1	5.2		4.7	4.8	4.9	5.4	5.6	5.7	5.1	5.2	5.3	4.5	5	5.2		4.2	4.6	4.9	180
185				4.9	5		4.5	4.6	4.6	5	5.3	5.4	4.9	5	5	4	4.4	4.7		3.7	4.2	4.4	185
190				4.7	4.8		4.2	4.3		4.5	4.8		4.5	4.7	4.8	3.5	3.9	4.1		3.3	3.7	3.9	190
195				4.5	4.6		4	4.1		4	4.3		4	4.3	4.4	3	3.4	3.6		2.8	3.2	3.4	195
200				4.3	4.4		3.8	3.9		3.6	3.9		3.5	3.8		2.6	2.9	3.1		2.4	2.8	3	200
205				3.2			3.6	3.7		3.2	3.4		3.1	3.4		2.2	2.5			2	2.3	2.5	205
210							3.4	3.5		2.8	2.9		2.7	2.9		1.8	2				1.9	2	210
215							2.4			2.5	2.5		2.3	2.5									215
220													2	2.1									220

t\_205\_51301\_00\_000 / 51331\_00\_000 / 51361\_00\_000

# Lifting capacities Forces de levage

TVK



42 ft + 23 ft	156 ft + 23 ft			166 ft + 23 ft			170 ft + 23 ft			180 ft + 23 ft			184 ft + 23 ft			194 ft + 23 ft			197 ft + 23 ft	42 ft + 23 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°				
62 ft																							
17	9.2																			17			
18	9.2																			18			
19	9.2																			19			
20	9.1																			20			
22	9.1																			22			
24	9.1																			24			
26	9																			26			
28	9																			28			
30	8.9																			30			
32	8.8																			32			
34	8.8	8.5																		34			
36	8.7	8.5																		36			
38	8.6	8.5																		38			
40	8.5	8.5		9.2																40			
45	8.2	8.3		9.1			8.1			8.3										45			
50	7.8	7.9	7.7	9.1			8.1			8.3			7.4			7.5			6.6	50			
55	7.4	7.5	7.7	9			8.1			8.3			7.4			7.5			6.6	6.4	55		
60	7	7.1	7.3	9			8.1			8.3			7.4			7.5			6.6	6.4	60		
65	6.6	6.7	6.9	8.9	8.3		8.1			8.2			7.4			7.4			6.6	6.4	65		
70	6.3	6.3	6.5	8.8	8.3		8.1	7.9		8.2	8.1		7.4			7.4			6.6	6.4	70		
75	6	6	6.2	8.7	8.3		8	7.8		8.2	8		7.3	7.1		7.4	7.3		6.6	6.4	75		
80	5.6	5.7	5.9	8.6	8.1		7.9	7.7		8.1	7.9		7.3	7.1		7.4	7.3		6.6	6.4	80		
85	5.2	5.5	5.6	8.5	7.9	7.5	7.9	7.5		8.1	7.7		7.3	7.1		7.3	7.3		6.6	6.4	85		
90	4.8	5.2	5.4	8.3	7.7	7.3	7.7	7.3	6.9	8	7.6	7.2	7.3	7.1	6.7	7.3	7.3		6.5	6.4	90		
95	4.4	4.9	5.2	8.1	7.5	7.1	7.6	7.1	6.8	7.8	7.4	7	7.2	6.9	6.7	7.3	7.1	6.8	6.5	6.4	6.1	95	
100	4	4.5	4.9	7.8	7.3	6.9	7.4	6.9	6.6	7.7	7.2	6.8	7.1	6.7	6.5	7.2	7	6.7	6.5	6.4	6.1	100	
105	3.7	4.1	4.4	7.6	7.1	6.7	7.2	6.7	6.4	7.5	7	6.7	7	6.6	6.3	7.1	6.8	6.5	6.5	6.3	6.1	6.4	105
110	3.4	3.7	3.8	7.4	6.9	6.6	7	6.5	6.3	7.3	6.8	6.5	6.8	6.4	6.2	7	6.6	6.4	6.4	6.2	6	6.3	110
115	3.1	3.3		7.2	6.7	6.4	6.8	6.4	6.1	7.1	6.6	6.4	6.7	6.3	6.1	6.9	6.5	6.2	6.3	6.1	5.9	6.2	115
120				7	6.5	6.3	6.6	6.2	6	6.9	6.4	6.2	6.5	6.1	6	6.7	6.3	6.1	6.2	6	5.8	6.1	120
125				6.8	6.3	6.1	6.5	6.1	5.9	6.8	6.3	6.1	6.4	6	5.8	6.6	6.2	6	6.1	5.8	5.7	6	125
130				6.6	6.2	6	6.3	5.9	5.8	6.6	6.1	6	6.2	5.8	5.7	6.5	6.1	5.9	6	5.7	5.6	6	130
135				6.4	6	5.9	6.1	5.8	5.6	6.4	6	5.9	6.1	5.7	5.6	6.3	5.9	5.8	5.9	5.6	5.5	5.9	135
140				6.3	5.9	5.7	5.9	5.6	5.5	6.3	5.9	5.7	5.9	5.6	5.5	6.2	5.8	5.7	5.8	5.5	5.4	5.7	140
145				6.1	5.7	5.6	5.8	5.5	5.4	6.1	5.7	5.6	5.8	5.5	5.4	6	5.7	5.6	5.7	5.4	5.3	5.6	145
150				5.9	5.6	5.5	5.6	5.4	5.3	6	5.6	5.5	5.6	5.4	5.3	5.9	5.6	5.5	5.5	5.3	5.2	5.5	150
155				5.7	5.5	5.4	5.4	5.3	5.2	5.8	5.5	5.4	5.5	5.2	5.2	5.7	5.5	5.4	5.4	5.2	5.1	5.4	155
160				5.5	5.4	5.3	5.3	5.1	5.1	5.7	5.4	5.3	5.3	5.2	5.1	5.6	5.4	5.3	5.3	5.1	5	5.3	160
165				5.3	5.3	5.2	5	5	5	5.5	5.3	5.2	5.1	5.1	5	5.4	5.3	5.2	5.1	5	5	5.1	165
170				5.1	5.1	5.1	4.8	4.9	5	5.3	5.2	5.2	5	4.9	5	5.3	5.2	5.1	5	4.9	4.9	4.9	170
175				4.9	4.9	5.1	4.6	4.8	4.9	5.1	5.1	5.1	4.8	4.8	4.9	5.1	5.1	5.1	4.8	4.8	4.8	4.7	175
180				4.7	4.8	4.9	4.4	4.6	4.7	4.9	5	5	4.6	4.7	4.8	4.7	5	5	4.6	4.7	4.8	4.4	180
185				4.5	4.6	4.8	4.1	4.4	4.5	4.7	4.8	4.9	4.4	4.6	4.7	4.3	4.8	4.9	4.2	4.6	4.7	4	185
190				4.3	4.4	4.5	3.9	4.2	4.3	4.5	4.7	4.8	4.2	4.4	4.6	3.9	4.5	4.9	3.8	4.4	4.5	3.6	190
195				4.1	4.2	4.3	3.7	3.9	4.1	4.4	4.5	4.6	4	4.2	4.4	3.5	4.2	4.6	3.3	4.1	4.4	3.1	195
200				3.9	4	4.1	3.6	3.7	3.9	4.1	4.3	4.4	3.8	4	4.2	3.1	3.8	4.2	3	3.7	4.1	2.8	200
205				3.7	3.8		3.4	3.5	3.6	3.7	4.1	4.2	3.5	3.8	4	2.7	3.4	3.7	2.6	3.2	3.7	2.4	205
210				3.6	3.7		3.2	3.3	3.4	3.3	3.8	4	3.2	3.6	3.8	2.3	3	3.3	2.2	2.8	3.2	2	210
215				3.4	3.5		3	3.1		2.9	3.4	3.6	2.8	3.3	3.5	2	2.6	2.8	1.8	2.5	2.8		215
220				3.3	3.3		2.8	2.9		2.6	3		2.4	2.9	3.1		2.1	2.4		2.1	2.4		220
225				3	3.2		2.7	2.8		2.2	2.6		2.1	2.5			1.9			2			225
230				2.6			2.5	2.6		1.9	2.2			2.2									230
235							2.2	2.4			1.8			1.8									235
240							1.9																240

t\_205\_51401\_00\_000 / 51431\_00\_000 / 51461\_00\_000

# Lifting capacities Forces de levage

TVK



42 ft + 23 ft	156 ft + 23 ft			166 ft + 23 ft			170 ft + 23 ft			180 ft + 23 ft			184 ft + 23 ft			197 ft + 23 ft			42 ft + 23 ft
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
14	13.3																		14
15	13.2																		15
16	13.2																		16
17	13.2																		17
18	13.2																		18
19	13.2																		19
20	13.1	13.2																	20
22	13	13.2																	22
24	12.8	13.1																	24
26	12.5	12.7																	26
28	12.2	12.3																	28
30	11.8	11.9	11.5																30
32	11.4	11.4	11.5																32
34	11.1	11.1	11.2	13.3															34
36	10.7	10.7	10.9	13.3															36
38	10.4	10.4	10.5	13.2			11.5			11.7									38
40	10	10	10.2	13.2			11.5			11.7			10						40
45	9.2	9.3	9.4	13.2			11.4			11.7			10			10.2			45
50	8.4	8.7	8.8	13.1	12.9		11.4			11.7			10			10.2			50
55	7.6	8.1	8.3	13	12.4		11.4	11.2		11.6	11.7		10	10		10.2			55
60	6.9	7.6	7.8	12.8	11.9	11.2	11.3	10.9		11.6	11.4		10	10		10.2	10.2		60
65	6.2	6.8	7.3	12.1	11.5	10.8	11.1	10.5	10	11	11.1	10.5	9.9	9.9	9.6	9.4	10.2		65
70	5.7	6.2	6.6	10.7	11	10.4	10.2	10.1	9.7	9.4	10.7	10.1	9	9.7	9.3	7.9	9.5	9.7	70
75	5.2	5.6	5.9	9.2	10.4	10	8.8	9.8	9.4	8	9.4	9.8	7.6	9	9.1	6.6	8.1	9.2	75
80	4.7	5	5.2	7.8	9.1	9.7	7.5	8.8	9.1	6.7	8.1	9.2	6.5	7.7	8.7	5.4	6.8	8	80
85	4.3	4.5	4.6	6.7	7.9	8.9	6.3	7.6	8.6	5.6	6.9	7.9	5.4	6.6	7.6	4.2	5.6	6.8	85
90	3.9	4		5.6	6.8	7.7	5.3	6.5	7.5	4.6	5.8	6.8	4.3	5.6	6.5	3.2	4.6	5.6	90
95				4.7	5.8	6.6	4.4	5.5	6.4	3.6	4.8	5.7	3.5	4.6	5.5	2.2	3.6	4.6	95
100				3.9	4.9	5.6	3.6	4.6	5.4	2.8	3.9	4.8	2.5	3.7	4.6		2.6	3.7	100
105				3.1	4	4.8	2.8	3.8	4.5	1.8	3.1	3.9		2.9	3.7			2.7	105
110				2.3	3.3	3.9	1.9	3	3.7			2.2	3.1		2	2.9			110
115					2.5	3.2		2.2	3			2.2			2.1				115
120						2.5		2.2											120

t\_205\_01319\_00\_000 / 01349\_00\_000 / 01379\_00\_000

# Lifting capacities Forces de levage

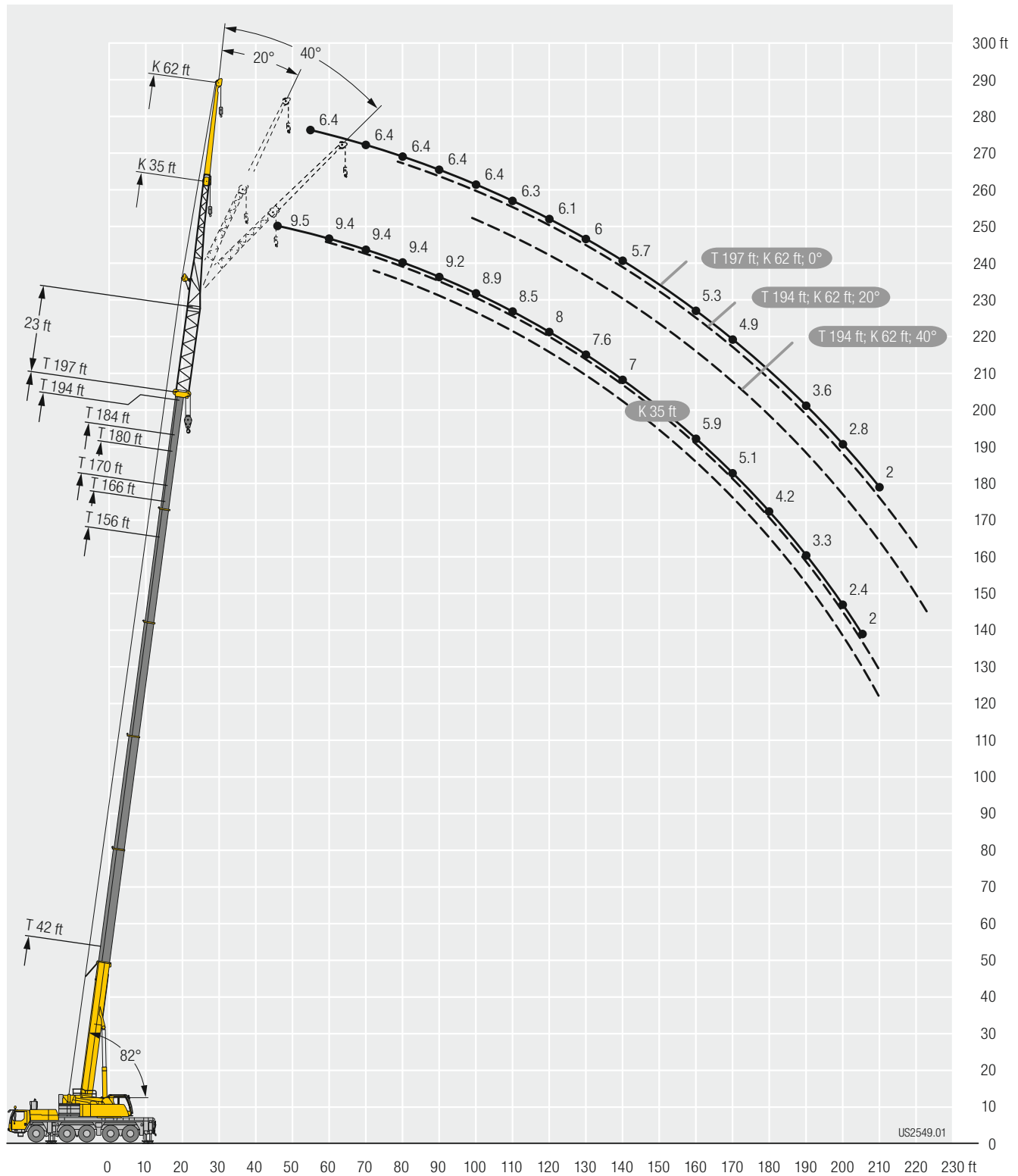
TVK



	42 ft + 23 ft			156 ft + 23 ft			166 ft + 23 ft			170 ft + 23 ft			180 ft + 23 ft			184 ft + 23 ft			194 ft + 23 ft			197 ft + 23 ft	
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	
17	8.3																					17	
18	8.3																					18	
19	8.3																					19	
20	8.3																					20	
22	8.2																					22	
24	8.2																					24	
26	8.1																					26	
28	8																					28	
30	8																					30	
32	8																					32	
34	8	7.7																				34	
36	7.9	7.7																				36	
38	7.8	7.7																				38	
40	7.8	7.7		8.3																		40	
45	7.4	7.5		8.3			7.4			7.6												45	
50	7.1	7.2	7	8.3			7.4			7.6			6.7			6.9			6			50	
55	6.7	6.8	7	8.2			7.4			7.5			6.7			6.8			6			5.8	55
60	6.3	6.4	6.6	8.2			7.4			7.5			6.7			6.8			6			5.8	60
65	6	6.1	6.3	8.1	7.6		7.3			7.5			6.7			6.8			6			5.8	65
70	5.7	5.8	5.9	8	7.6		7.3	7.1		7.5	7.3		6.7			6.7			6			5.8	70
75	5.4	5.5	5.6	7.9	7.5		7.3	7.1		7.4	7.3		6.7	6.5		6.4	6.6		6			5.8	75
80	5.1	5.2	5.4	7.6	7.4		7.1	7		6.8	7.2		6.4	6.5		5.5	6.6		5.1	5.8		4.9	80
85	4.7	5	5.1	7	7.2	6.8	6.4	6.8		5.9	7		5.5	6.5		4.5	6.6		4.2	5.8		3.9	85
90	4.3	4.8	4.9	5.9	7	6.6	5.6	6.6	6.3	4.9	6.9	6.5	4.6	6.3	6.1	3.6	5.7		3.2	5.4		3.1	90
95	4	4.5	4.7	5	6.6	6.5	4.7	6.4	6.2	4	6	6.4	3.7	5.6	6	2.7	4.8	6.2	2.2	4.5	5.5	2.1	95
100	3.7	4.1	4.5	4.2	6	6.3	3.9	5.7	6	3.1	5.1	6.2	2.9	4.8	5.9		4	5.6		3.7	5.3		100
105	3.4	3.7	4	3.5	5.2	6.1	3.1	4.9	5.9	2.3	4.3	5.8	2	4	5.4		3.2	4.8		3	4.5		105
110	3.1	3.4	3.5	2.7	4.4	5.6	2.4	4.1	5.5		3.5	4.9		3.3	4.7		2.3	4		2.1	3.7		110
115	2.9	3		2	3.7	4.9		3.4	4.7		2.8	4.2		2.5	3.9			3.2			3		115
120					3	4.2		2.8	4		2	3.4		1.8	3.3			2.4			2.4		120
125					2.3	3.5		2	3.3			2.8			2.5								125
130						2.9			2.6			2			1.8								130
135						2.2			1.9														135

t\_205\_01419\_00\_000 / 01449\_00\_000 / 01479\_00\_000

# Lifting heights Hauteurs de levage



US2549.01

# Lifting capacities Forces de levage

TVK



42 ft + 46 ft	156 ft + 46 ft		166 ft + 46 ft			170 ft + 46 ft			180 ft + 46 ft			184 ft + 46 ft			194 ft + 46 ft			42 ft + 46 ft	
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°		40°
14	9.7																		14
15	9.7																		15
16	9.7																		16
17	9.7																		17
18	9.7																		18
19	9.7																		19
20	9.7																		20
22	9.7																		22
24	9.7	9.7																	24
26	9.6	9.7																	26
28	9.5	9.7																	28
30	9.5	9.7																	30
32	9.3	9.6																	32
34	9.1	9.4	9.1																34
36	8.9	9.1	9.1																36
38	8.7	8.9	9																38
40	8.5	8.6	8.9	9.7															40
45	8	8.1	8.3	9.7			8.5			8.8									45
50	7.4	7.5	7.7	9.7			8.5			8.7			7.6			7.6			50
55	7	7.1	7.2	9.7	9.7		8.5			8.7			7.6			7.6			55
60	6.5	6.6	6.8	9.6	9.5		8.5	8.5		8.6	8.7		7.6	7.7		7.6			60
65	6.2	6.2	6.4	9.4	9.2	8.9	8.4	8.4		8.6	8.6		7.5	7.6		7.6	7.6		65
70	5.8	5.9	6	9.2	8.9	8.6	8.3	8.2	8	8.5	8.5	8.4	7.5	7.6		7.5	7.6		70
75	5.4	5.5	5.7	8.9	8.6	8.4	8.2	8	7.8	8.4	8.3	8.1	7.4	7.6	7.5	7.5	7.6	7.6	75
80	5	5.2	5.4	8.7	8.3	8.1	8	7.7	7.5	8.2	8.1	7.9	7.4	7.4	7.3	7.5	7.6	7.5	80
85	4.6	4.9	5.1	8.4	8	7.8	7.7	7.5	7.3	8.1	7.8	7.6	7.3	7.2	7.1	7.4	7.5	7.3	85
90	4.2	4.5	4.8	8.1	7.8	7.6	7.5	7.2	7.1	7.9	7.6	7.4	7.2	7	6.9	7.3	7.3	7.1	90
95	3.8	4.1	4.3	7.8	7.5	7.3	7.3	7	6.9	7.7	7.4	7.2	7	6.8	6.7	7.2	7.1	7	95
100	3.4	3.7	3.8	7.6	7.3	7.1	7.1	6.8	6.7	7.5	7.1	7	6.9	6.6	6.5	7.1	6.9	6.8	100
105	3.1	3.3	3.3	7.3	7	6.9	6.9	6.6	6.5	7.2	6.9	6.8	6.7	6.5	6.4	7	6.7	6.6	105
110	2.8	2.9	3.2	7.1	6.8	6.7	6.7	6.4	6.3	7	6.7	6.6	6.5	6.3	6.2	6.8	6.6	6.4	110
115	2.6			6.9	6.6	6.5	6.4	6.2	6.1	6.8	6.5	6.4	6.3	6.1	6	6.6	6.4	6.3	115
120				6.6	6.4	6.3	6.3	6	6	6.6	6.3	6.2	6.2	6	5.9	6.4	6.2	6.1	120
125				6.4	6.2	6.1	6.1	5.9	5.8	6.4	6.2	6.1	6	5.8	5.7	6.2	6.1	6	125
130				6.2	6	5.9	5.9	5.7	5.6	6.2	6	5.9	5.8	5.7	5.6	6.1	5.9	5.8	130
135				6	5.8	5.8	5.7	5.6	5.5	6	5.8	5.8	5.7	5.5	5.5	5.9	5.7	5.7	135
140				5.9	5.7	5.6	5.5	5.4	5.4	5.9	5.7	5.6	5.5	5.4	5.3	5.8	5.6	5.5	140
145				5.7	5.5	5.5	5.4	5.3	5.2	5.7	5.5	5.5	5.4	5.3	5.2	5.6	5.5	5.4	145
150				5.5	5.4	5.4	5.2	5.1	5.1	5.6	5.4	5.4	5.2	5.1	5.1	5.5	5.3	5.3	150
155				5.3	5.2	5.2	5	5	5	5.4	5.3	5.2	5	5	5	5.3	5.2	5.2	155
160				5.1	5.1	5.1	4.8	4.8	4.9	5.3	5.1	5.1	4.9	4.9	4.8	5.2	5.1	5.1	160
165				4.8	4.9	5	4.6	4.7	4.7	5.1	5	5	4.7	4.7	4.7	5	5	5	165
170				4.6	4.7	4.8	4.3	4.5	4.5	4.9	4.9	4.9	4.5	4.6	4.6	4.9	4.8	4.9	170
175				4.4	4.5	4.6	4.1	4.2	4.3	4.7	4.7	4.7	4.3	4.4	4.5	4.5	4.7	4.8	175
180				4.2	4.3	4.4	3.9	4	4.1	4.5	4.5	4.6	4.1	4.2	4.4	4.1	4.5	4.7	180
185				4	4.1	4.1	3.7	3.8	3.9	4.3	4.3	4.4	4	4	4.2	3.6	4	4.3	185
190				3.8	3.9	3.9	3.5	3.6	3.6	4	4.1	4.2	3.8	3.9	3.9	3.2	3.6	3.9	190
195				3.6	3.7	3.7	3.3	3.4	3.4	3.8	3.9	4	3.5	3.7	3.7	2.8	3.2	3.4	195
200				3.4	3.5		3.1	3.2	3.2	3.4	3.6	3.7	3.2	3.5	3.5	2.4	2.8	3	200
205				3.2	3.3		2.9	3		2.9	3.3	3.4	2.8	3.1	3.2	1.9	2.3	2.5	205
210				3.1	3.1		2.7	2.8		2.5	2.8		2.4	2.7	2.9		1.9	2.1	210
215				2.9	3		2.5	2.6		2.2	2.4		2	2.3	2.5				215
220				2.6	2.7		2.3	2.4		1.8	2			1.9					220
225				2.2			2	2.2											225
230								1.9											230

t\_205\_51501\_00\_000 / 51531\_00\_000 / 51561\_00\_000



# Lifting capacities Forces de levage

TVK



42 ft + 46 ft	156 ft + 46 ft		166 ft + 46 ft		170 ft + 46 ft		180 ft + 46 ft		184 ft + 46 ft		194 ft + 46 ft		42 ft + 46 ft									
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°										
62 ft																						
17	6.6												17									
18	6.6												18									
19	6.6												19									
20	6.6												20									
22	6.6												22									
24	6.6												24									
26	6.6												26									
28	6.6												28									
30	6.5												30									
32	6.5												32									
34	6.5												34									
36	6.5												36									
38	6.4	6.6											38									
40	6.4	6.6											40									
45	6.3	6.6	6.6										45									
50	6.1	6.3	6.6	5.8			5.9						50									
55	5.8	6	5.9	6.6	5.8		5.9	5.2		5.2			55									
60	5.5	5.7	5.9	6.5	5.7		5.9	5.1		5.2		4.5	60									
65	5.2	5.4	5.6	6.5	5.7		5.8	5.1		5.1		4.4	65									
70	4.9	5.1	5.3	6.4	5.7		5.8	5.1		5.1		4.4	70									
75	4.6	4.8	5	6.4	6.5	5.7	5.8	5		5.1		4.4	75									
80	4.4	4.5	4.7	6.3	6.3	5.6	5.8	5.7	5.9	5	5.2	4.4	80									
85	4.1	4.2	4.5	6.3	6.2	5.6	5.7	5.7	5.8	5	5.1	5	5.2	4.4	4.5	85						
90	3.9	4	4.2	6.2	6	5.5	5.6	5.7	5.7	5	5.1	5	5.2	4.3	4.5	90						
95	3.7	3.8	4	6.1	5.8	5.6	5.5	5.4	5.3	5.6	5.6	5.4	5	5.1	5	5.1	4.3	4.5	95			
100	3.5	3.6	3.8	5.9	5.6	5.4	5.4	5.3	5.1	5.6	5.4	5.3	4.9	5.1	4.9	5	5.1	5.1	4.3	4.5	100	
105	3.3	3.4	3.6	5.7	5.4	5.3	5.3	5.1	5	5.5	5.3	5.2	4.9	4.9	4.8	4.9	5	5	4.3	4.5	4.4	105
110	3.1	3.3	3.4	5.5	5.3	5.1	5.2	4.9	4.8	5.4	5.1	5	4.9	4.8	4.7	4.9	4.9	4.9	4.3	4.4	4.4	110
115	2.8	3.1	3.2	5.3	5.1	5	5	4.8	4.7	5.2	5	4.9	4.8	4.7	4.6	4.8	4.8	4.8	4.3	4.4	4.4	115
120	2.5	2.9	3.1	5.2	4.9	4.8	4.8	4.6	4.6	5.1	4.9	4.7	4.7	4.6	4.5	4.7	4.7	4.6	4.2	4.3	4.3	120
125	2.5	2.6	2.8	5	4.8	4.7	4.7	4.5	4.4	4.9	4.7	4.6	4.6	4.4	4.3	4.7	4.6	4.5	4.2	4.2	4.2	125
130	2.5	2.5	2.4	4.8	4.6	4.5	4.5	4.4	4.3	4.8	4.6	4.5	4.4	4.3	4.2	4.6	4.5	4.4	4.1	4.1	4.1	130
135	2.5	2.5	2.2	4.7	4.5	4.4	4.4	4.2	4.2	4.7	4.4	4.4	4.3	4.2	4.1	4.5	4.3	4.3	4.1	4	4	135
140	2.5	2.5		4.5	4.3	4.3	4.3	4.1	4.1	4.5	4.3	4.3	4.2	4.1	4	4.4	4.2	4.2	4	3.9	3.9	140
145				4.4	4.2	4.2	4.2	4	3.9	4.4	4.2	4.1	4.1	3.9	3.9	4.3	4.1	4.1	3.9	3.8	3.8	145
150				4.3	4.1	4	4	3.9	3.8	4.2	4.1	4	4	3.8	3.8	4.2	4	4	3.9	3.7	3.7	150
155				4.1	4	3.9	3.9	3.7	3.7	4.1	4	3.9	3.9	3.7	3.7	4.1	3.9	3.9	3.8	3.6	3.6	155
160				4	3.8	3.8	3.8	3.6	3.6	4	3.9	3.8	3.8	3.6	3.6	3.9	3.8	3.8	3.7	3.6	3.6	160
165				3.9	3.7	3.7	3.7	3.5	3.5	3.9	3.8	3.7	3.7	3.5	3.6	3.8	3.7	3.7	3.6	3.5	3.5	165
170				3.7	3.6	3.6	3.6	3.5	3.5	3.8	3.7	3.6	3.6	3.4	3.5	3.7	3.6	3.6	3.5	3.4	3.4	170
175				3.6	3.5	3.5	3.5	3.3	3.4	3.7	3.6	3.5	3.5	3.4	3.4	3.6	3.5	3.5	3.4	3.3	3.3	175
180				3.5	3.4	3.4	3.3	3.3	3.3	3.6	3.5	3.5	3.4	3.3	3.3	3.6	3.4	3.4	3.3	3.2	3.2	180
185				3.4	3.3	3.4	3.2	3.2	3.2	3.5	3.4	3.4	3.3	3.2	3.2	3.5	3.3	3.4	3.2	3.2	3.2	185
190				3.3	3.3	3.3	3	3.1	3.1	3.4	3.3	3.3	3.2	3.1	3.1	3.3	3.3	3.3	3	3.1	3.1	190
195				3.2	3.2	3.2	2.9	3	3.1	3.3	3.2	3.2	3.1	3.1	3.1	3	3.2	3.2	2.8	3	3	195
200				3.1	3.1	3.1	2.7	2.9	3	3.2	3.1	3.2	2.9	3	3	2.6	3.1	3.2	2.4	2.9	3	200
205				2.9	3	3.1	2.5	2.7	2.9	3.1	3	3.1	2.8	2.9	2.9	2.2	2.9	3.1	2	2.7	2.9	205
210				2.8	2.9	3	2.4	2.6	2.8	2.8	3	3	2.6	2.8	2.8	1.9	2.5	3		2.4	2.8	210
215				2.6	2.7	2.8	2.2	2.4	2.6	2.5	2.9	2.9	2.4	2.6	2.8		2.2	2.6		2	2.5	215
220				2.4	2.5	2.6	2	2.2	2.3	2.2	2.7	2.8	2.1	2.5	2.6		1.8	2.2			2.1	220
225				2.3	2.4		1.8	2	2.1	1.9	2.4	2.6		2.3	2.4			1.8				225
230				2.1	2.2			1.8	1.9		2	2.2		1.9	2.2							230
235				2	2.1										1.8							235
240					1.9																	240

t\_205\_51601\_00\_000 / 51631\_00\_000 / 51661\_00\_000

# Lifting capacities Forces de levage

TVK



Jib height (ft)	42 ft + 46 ft			156 ft + 46 ft			166 ft + 46 ft			170 ft + 46 ft			180 ft + 46 ft			184 ft + 46 ft			194 ft + 46 ft			Jib height (ft)	
	0°	20°	40°	0°	20°	40°	0°	20°	40°	35 ft			0°	20°	40°	0°	20°	40°	0°	20°	40°		
14	8.9																					14	
15	8.9																					15	
16	8.9																					16	
17	8.9																					17	
18	8.9																					18	
19	8.9																					19	
20	8.9																					20	
22	8.8																					22	
24	8.8	8.9																				24	
26	8.7	8.9																				26	
28	8.6	8.9																				28	
30	8.6	8.8																				30	
32	8.5	8.7																				32	
34	8.3	8.5	8.3																			34	
36	8.1	8.3	8.3																			36	
38	7.9	8.1	8.2																			38	
40	7.7	7.9	8.1	8.9																		40	
45	7.2	7.3	7.5	8.9			7.8			8												45	
50	6.8	6.9	7	8.8			7.8			7.9			6.9			6.9				6		50	
55	6.3	6.4	6.6	8.8	8.8		7.7			7.9			6.9			6.9				6		55	
60	5.9	6	6.2	8.7	8.6		7.7	7.8		7.8	7.9		6.9	7		6.9				6		60	
65	5.6	5.7	5.8	8.6	8.4	8.1	7.6	7.7		7.8	7.9		6.8	6.9		6.9	6.9			6	6	65	
70	5.3	5.3	5.5	8.4	8.1	7.9	7.6	7.5	7.3	7.7	7.7	7.6	6.8	6.9		6.8	6.9			6	6	70	
75	5	5	5.1	8.1	7.8	7.6	7.4	7.2	7.1	7.3	7.6	7.4	6.7	6.9	6.8	5.9	6.9	6.9		5.5	6	75	
80	4.6	4.8	4.9	7.2	7.6	7.3	6.9	7	6.9	6.2	7.3	7.2	5.8	6.7	6.6	4.8	6.2	6.8		4.4	5.8	6	80
85	4.2	4.5	4.6	6.2	7.2	7.1	5.9	6.7	6.7	5.2	6.4	6.9	4.8	5.9	6.5	3.8	5.1	6.2		3.4	4.7	5.7	85
90	3.8	4.1	4.3	5.2	6.3	6.9	4.9	6	6.5	4.2	5.4	6.3	3.9	5	5.9	2.7	4.2	5.2			3.8	4.8	90
95	3.4	3.7	3.9	4.3	5.4	6.2	4	5.1	6	3.3	4.4	5.4	2.9	4.2	5		3.2	4.3			2.9	3.9	95
100	3.1	3.3	3.5	3.5	4.5	5.3	3.2	4.2	5.1	2.3	3.6	4.5		3.3	4.2		2.2	3.4				3.1	100
105	2.8	3	3	2.7	3.7	4.5	2.3	3.4	4.2		2.7	3.6		2.4	3.4			2.4					105
110	2.6	2.6	3	1.8	2.9	3.7		2.6	3.4		1.8	2.8			2.5								110
115	2.4				2.1	2.9		1.8	2.7			1.9											115
120					2.2				1.9														120

t\_205\_01519\_00\_000 / 01549\_00\_000 / 01579\_00\_000

# Lifting capacities Forces de levage

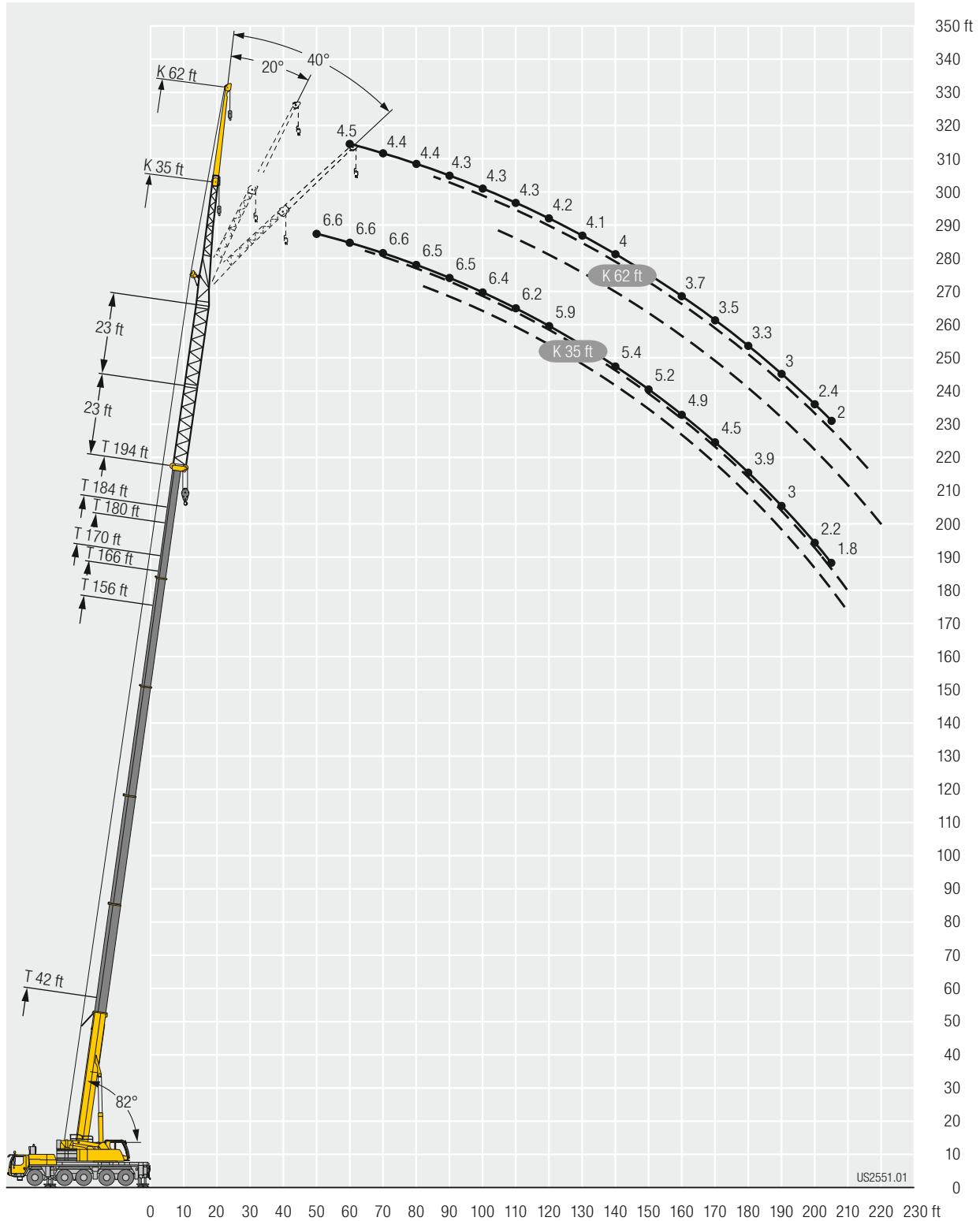
TVK



	42 ft + 46 ft			156 ft + 46 ft			166 ft + 46 ft			170 ft + 46 ft			180 ft + 46 ft			184 ft + 46 ft			194 ft + 46 ft			
	62 ft																					
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
17	6																					17
18	6																					18
19	6																					19
20	6																					20
22	6																					22
24	6																					24
26	6																					26
28	6																					28
30	5.9																					30
32	5.9																					32
34	5.9																					34
36	5.8																					36
38	5.8	6																				38
40	5.8	6																				40
45	5.6	6		6																		45
50	5.5	5.8		6			5.3			5.4												50
55	5.3	5.5	5.4	6			5.3			5.4			4.6			4.7						55
60	5	5.2	5.4	5.9			5.2			5.3			4.6			4.7			4			60
65	4.7	4.9	5.1	5.9			5.2			5.3			4.6			4.7			4			65
70	4.4	4.6	4.8	5.9			5.2			5.3			4.6			4.6			4			70
75	4.2	4.3	4.5	5.8	5.9		5.2	5.3		5.2	5.4		4.6			4.6			4			75
80	4	4.1	4.3	5.8	5.7		5.1	5.2		5.2	5.4		4.6	4.7		4.5	4.7		4			80
85	3.7	3.9	4.1	5.6	5.6		5.1	5.2		5	5.3		4.4	4.7		3.8	4.7		3.4	4.1		85
90	3.5	3.7	3.8	5.2	5.4	5.3	4.7	5.1		4.3	5.2		3.8	4.7		2.9	4.7			4.1		90
95	3.3	3.5	3.6	4.5	5.3	5.1	4.1	4.9	4.8	3.5	5.1	4.9	3	4.7			4.2			3.9		95
100	3.2	3.3	3.4	3.7	5.1	4.9	3.4	4.8	4.7	2.6	4.5	4.8	2.1	4.1	4.5		3.5	4.6		3.1		100
105	3	3.1	3.2	3	4.6	4.8	2.6	4.3	4.5		3.8	4.7		3.4	4.4		2.7	4.2			3.9	105
110	2.8	3	3.1	2.2	4	4.7		3.7	4.4		3.1	4.4		2.8	4.1		1.8	3.5			3.2	110
115	2.5	2.8	2.9		3.3	4.5		3	4.2		2.4	3.8		2	3.5			2.8			2.5	115
120	2.2	2.6	2.8		2.6	3.9		2.3	3.6			3.1			2.8			2.1				120
125	2.2	2.3	2.5		1.9	3.2			2.9			2.4			2.1							125
130	2.2	2.2	2.1			2.6			2.3													130
135	2.2	2.2	1.9			1.8																135
140	2.2	2.2																				140

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# Lifting heights Hauteurs de levage



# Lifting capacities Forces de levage

**TNZK**



42 ft	99 ft			113 ft			127 ft			141 ft			156 ft			42 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°				
14	38.7																14		
15	38.7																15		
16	38.7	37.6		38.7													16		
17	38.7	37.6		38.7													17		
18	38.6	37.4		38.7													18		
19	38.3	36.8		38.7			38.7										19		
20	37.6	36		38.7			38.7										20		
22	36.3	34.5		38.7			38.7			37.2							22		
24	34.9	33.1		38.7			38.7			37							24		
26	33.5	31.8	25.9	38.7			38.7			36.8			31.8				26		
28	32	30.6	25.3	38.7	33		38.7			36.6			31.7				28		
30	30.5	29.5	24.6	38.7	32.2		38.7	31.9		36.1			31.6			26.5	30		
32	29	28.4	23.9	38.7	31.4		38.7	31.3		35.7			31.3			26.5	32		
34	27.6	27.4	23.3	38.7	30.7		38.4	30.7		35.2	29.7		31.1			26.4	34		
36	26.1	26.5	22.7	38.6	30	24	37.8	30.1		34.7	29.3		30.7			26.3	36		
38	24.6	25.6	22.2	38.3	29.3	23.7	37.1	29.4		34.2	28.7		30.4	27.2		26.1	38		
40	23.4	24.5	21.6	37.5	28.7	23.3	36.4	28.9	23.3	33.7	28.2		30.1	26.9		25.9	40		
45	20.7	21.4	20	35.6	27.3	22.5	34.8	27.6	22.6	32.6	27.1	22.4	29.3	25.9		25.5	24	45	
50	18.6	19.2	18.3	33.6	26	21.8	33.3	26.4	21.9	31.4	26	21.7	28.6	25	21.3	25	23.3	50	
55	16.7	18	17.5	31.4	24.8	21.1	31.9	25.3	21.2	30.4	25.1	21.1	27.8	24.2	20.7	24.5	22.7	20	55
60	15.3	17.1	16.9	29.3	23.8	20.5	30.4	24.3	20.7	29.3	24.2	20.6	27	23.4	20.2	24	22.1	19.6	60
65	14	16.4	6.3	27.2	22.9	19.9	28.8	23.4	20.2	28.3	23.3	20.1	26.3	22.8	19.8	23.5	21.6	19.2	65
70				25.1	22	19.5	27.2	22.5	19.7	27.2	22.6	19.7	25.6	22.1	19.4	22.7	21	18.8	70
75				23.3	21.1	19	25.5	21.8	19.3	26.2	21.9	19.3	24.7	21.4	19	21.8	20.5	18.5	75
80				21.7	20.3	18.6	23.8	21.1	18.9	25	21.2	18.9	23.5	20.9	18.7	20.9	20.1	18.2	80
85				20.3	19.5	18.1	22.3	20.4	18.5	23.7	20.6	18.6	22.4	20.3	18.4	20	19.4	18	85
90				19.1	18.8	17.7	21	19.7	18.1	22.3	20	18.3	21.2	19.8	18.1	18.8	18.6	17.7	90
95				18	18.2	17.3	19.9	19	17.8	21.1	19.5	18	20.1	19.3	17.9	17.7	17.7	17.3	95
100				17	17.6	17.1	18.8	18.5	17.4	19.9	18.9	17.7	18.8	18.8	17.6	16.8	16.8	16.9	100
105				16.1	17.1	16.9	17.8	17.9	17.2	18.8	18.4	17.4	17.3	17.9	17.3	15.9	15.9	16.1	105
110				15.3	16.7	13.9	16.9	17.4	16.9	17.6	17.8	17.1	15.9	16.8	16.9	15	15.1	15.3	110
115				14.5	16.4		16.1	16.9	16.8	16.3	16.9	16.7	14.7	15.4	16	14.1	14.3	14.5	115
120				13.9	16.3		15.4	16.1	16.2	15	15.7	16	13.9	14.2	14.7	13	13.5	13.7	120
125				12.5			14.4	14.8		13.8	14.4	14.6	13.2	13.2	13.5	12	12.7	13	125
130							13.5	13.7		12.6	13.1	13.4	12.4	12.6	12.6	11	11.7	12.1	130
135							12.5	12.7		11.6	12		11.4	12	12.1	10.4	10.7	11.2	135
140							8.1			10.6	11		10.4	11	11.2	10	10	10.2	140
145										9.7	10		9.5	10	10.2	9.5	9.6	9.7	145
150										8.8	9.1		8.7	9.1		8.9	9.1	9.2	150
155													8.2	8.3		8.1	8.5	8.7	155
160													7.9	8		7.4	7.7		160
165													7.7	7.8		6.9	7		165
170																6.6	6.7		170
175																6.4	6.4		175
180																6			180

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# Lifting capacities Forces de levage

**TNZK**



↙ ↘	166 ft			170 ft			180 ft			184 ft			197 ft			↙ ↘
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
32	18.4			19.5												32
34	18.4			19.5												34
36	18.4			19.5			16.3			16.5						36
38	18.4			19.5			16.3			16.5						38
40	18.4			19.5			16.3			16.5			13.9			40
45	18.4			19.5			16.3			16.5			13.9			45
50	18.3	17.9		19.5	19.5		16.3	15.8		16.5			13.9			50
55	18	17.5		19.5	19.5		16.2	15.8		16.5	16.3		13.9	13.6		55
60	17.4	16.8	16.2	19.5	19.5	18.5	16.2	15.8	15.3	16.5	16.3		13.8	13.5		60
65	16.7	16.2	15.6	19.5	19.4	18.3	15.8	15.5	15.1	16.3	16.2	15.5	13.8	13.5	13.1	65
70	16	15.5	15.1	19.3	18.9	18	15.3	15.1	14.7	15.9	15.8	15.4	13.6	13.4	13.1	70
75	15.3	14.9	14.5	18.6	18.2	17.7	14.8	14.5	14.2	15.6	15.3	15	13.4	13.3	13.1	75
80	14.6	14.3	14	17.8	17.4	17.2	14.3	13.9	13.7	15.1	14.8	14.6	13.1	13	13	80
85	13.9	13.6	13.5	16.9	16.6	16.5	13.7	13.4	13.2	14.5	14.2	14.1	12.8	12.6	12.6	85
90	13.3	13	13	16.1	15.8	15.8	13.1	12.9	12.8	13.9	13.7	13.6	12.4	12.2	12.2	90
95	12.6	12.5	12.5	15.4	15.1	15.2	12.5	12.4	12.3	13.3	13.2	13.1	11.9	11.8	11.8	95
100	12	11.9	12	14.7	14.5	14.5	12	11.9	11.8	12.8	12.7	12.7	11.5	11.4	11.4	100
105	11.4	11.4	11.4	14	13.8	13.8	11.4	11.4	11.4	12.2	12.1	12.2	11.1	11	11	105
110	10.8	10.8	10.9	13.3	13.2	13.2	10.9	10.9	11	11.7	11.6	11.7	10.6	10.6	10.6	110
115	10.2	10.3	10.4	12.7	12.6	12.7	10.4	10.5	10.5	11.1	11.1	11.2	10.2	10.2	10.3	115
120	9.7	9.8	10	12	12	12.1	10	10.1	10.1	10.7	10.7	10.8	9.7	9.8	10	120
125	9.2	9.4	9.5	11.4	11.5	11.6	9.6	9.6	9.7	10.3	10.2	10.3	9.3	9.5	9.6	125
130	8.8	8.9	9.1	10.8	10.9	11.1	9.1	9.2	9.4	9.9	9.8	9.9	8.9	9.1	9.3	130
135	8.3	8.5	8.7	10.2	10.4	10.6	8.7	8.9	9	9.5	9.5	9.6	8.5	8.7	8.9	135
140	7.9	8.1	8.3	9.4	9.9	10.1	8.4	8.5	8.6	9.1	9.1	9.2	8.1	8.3	8.5	140
145	7.6	7.7	7.9	8.7	9.2	9.5	8	8.1	8.3	8.6	8.8	8.9	7.7	7.9	8.1	145
150	7.2	7.4	7.5	8.3	8.5	8.8	7.7	7.8	7.9	8.1	8.4	8.6	7.3	7.5	7.7	150
155	6.9	7	7.1	8	8	8.1	7.4	7.5	7.6	7.5	7.9	8.1	6.9	7.2	7.4	155
160	6.6	6.7	6.8	7.7	7.7	7.8	7.1	7.2	7.3	6.9	7.4	7.6	6.6	6.8	7	160
165	6.3	6.4	6.4	7.2	7.4	7.5	6.8	6.9	7	6.3	6.7	7	6	6.4	6.6	165
170	6	6.1		6.7	6.9		6.4	6.6	6.7	5.6	6.1	6.3	5.4	5.9	6.1	170
175	5.7	5.8		6	6.4		6	6.2	6.4	5	5.4	5.6	4.9	5.3	5.6	175
180	5.4	5.5		5.5	5.8		5.5	5.8		4.5	4.8	5	4.3	4.8	4.9	180
185	5.2	5.3		5	5.2		4.9	5.2		3.9	4.3		3.8	4.2	4.4	185
190	4.9			4.5	4.6		4.5	4.7		3.5	3.7		3.3	3.7	3.8	190
195				3.8			4	4.2		3	3.2		2.8	3.2		195
200							3.6	3.7		2.6	2.7		2.4	2.7		200
205							3.1			2.2	2.3		2	2.2		205
210										1.8				1.8		210

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# Lifting capacities Forces de levage

**TNZK**



Height (ft)	42 ft			99 ft			113 ft			127 ft			141 ft			156 ft			Height (ft)
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
17	16.6																		17
18	16.5																		18
19	16.3																		19
20	16.2																		20
22	15.9			14															22
24	15.5			13.9			13.4												24
26	15.2			13.8			13.3												26
28	14.8			13.7			13.2			12.5									28
30	14.4	11.4		13.6			13.1			12.4			11.9						30
32	14	11.4		13.4			13			12.3			11.8						32
34	13.6	11.3		13.2			12.9			12.2			11.8			11.7			34
36	13.2	11.1		13			12.7			12.1			11.7			11.7			36
38	12.9	10.8		12.8			12.6			12			11.6			11.6			38
40	12.5	10.6		12.7			12.4			11.9			11.5			11.5			40
45	11.7	10		12.3	10.2		12.1			11.6			11.3			11.3			45
50	11	9.7	8.7	11.9	9.9		11.7	9.9		11.3	9.8		11			11.1			50
55	10.3	9.3	8.5	11.5	9.7		11.4	9.7		11	9.6		10.8	9.5		10.9			55
60	9.8	9	8.3	11.1	9.4	8.3	11.1	9.4		10.8	9.4		10.6	9.3		10.7	9.4		60
65	9.3	8.7	8.1	10.7	9.2	8.2	10.8	9.2	8.2	10.5	9.2		10.3	9.1		10.4	9.2		65
70	8.8	8.5	8	10.3	9	8.1	10.4	9	8.1	10.2	9	8.1	10.1	9	8.1	10.2	9.1		70
75	8.2	8.3	7.9	10	8.8	8	10.2	8.9	8	10	8.8	8	9.9	8.8	8	10	8.9	8	75
80	7.6	8.1	7.9	9.7	8.6	7.9	9.9	8.7	8	9.8	8.7	7.9	9.7	8.7	7.9	9.8	8.8	7.9	80
85	7.1	8	7.9	9.5	8.5	7.9	9.6	8.5	7.9	9.6	8.5	7.9	9.5	8.5	7.8	9.6	8.6	7.9	85
90	6.7	7.9	7.9	9.2	8.4	7.8	9.4	8.4	7.8	9.4	8.4	7.8	9.3	8.4	7.8	9.4	8.5	7.8	90
95	6.3	7.9		8.9	8.2	7.8	9.2	8.3	7.8	9.2	8.3	7.8	9.2	8.3	7.7	9.3	8.4	7.8	95
100				8.7	8.1	7.7	8.9	8.2	7.7	9	8.2	7.7	9	8.2	7.7	9.1	8.3	7.7	100
105				8.4	8	7.7	8.7	8.1	7.7	8.8	8.1	7.7	8.8	8.1	7.7	9	8.2	7.7	105
110				8.1	8	7.7	8.4	8	7.7	8.7	8	7.7	8.7	8	7.6	8.8	8.1	7.6	110
115				7.8	7.9	7.7	8.2	7.9	7.7	8.5	8	7.7	8.5	8	7.6	8.7	8	7.6	115
120				7.4	7.8	7.7	7.9	7.9	7.7	8.2	7.9	7.7	8.4	7.9	7.6	8.6	7.9	7.6	120
125				7.2	7.7	7.7	7.6	7.8	7.7	7.9	7.8	7.7	8.2	7.9	7.6	8.5	7.9	7.6	125
130				6.9	7.6	7.7	7.4	7.8	7.7	7.7	7.7	7.7	8	7.8	7.6	8.4	7.8	7.6	130
135				6.7	7.4	7.5	7.1	7.7	7.7	7.5	7.6	7.7	7.8	7.7	7.6	8.2	7.8	7.6	135
140				6.5	7.1		6.9	7.6	7.7	7.3	7.5	7.7	7.6	7.7	7.6	8	7.7	7.6	140
145				6.3	6.8		6.7	7.4	7.6	7.1	7.2	7.4	7.4	7.5	7.6	7.8	7.7	7.6	145
150				6.2	6.7		6.5	7.2		6.8	7	7.2	7.2	7.3	7.5	7.6	7.6	7.6	150
155							6.4	7		6.6	6.7	6.9	7	7.1	7.3	7.4	7.5	7.6	155
160							6.3	6.8		6.4	6.5	6.6	6.8	6.9	7.1	7.2	7.4	7.6	160
165							6.2			6.2	6.3		6.6	6.7	6.8	7	7.3	7.5	165
170										5.9	6		6.4	6.5	6.6	6.9	7.1	7.3	170
175										5.7	5.8		6.2	6.3		6.4	6.9	7	175
180										5.6			6	6.1		6	6.6	6.7	180
185													5.8	6		5.4	6		185
190													5.7	5.8		5.1	5.4		190
195													4.9			4.9	5		195
200																4.7	4.8		200
205																4.6	4.7		205
210																2.7			210

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# Lifting capacities Forces de levage

**TNZK**



↙ ↘	166 ft			170 ft			180 ft			184 ft			197 ft			↙ ↘
	0°	20°	40°	0°	20°	40°	62 ft			0°	20°	40°	0°	20°	40°	
36	10.1			10.8												36
38	10.1			10.8												38
40	10.1			10.7			9.4									40
45	9.9			10.6			9.4			9.4			8.5			45
50	9.8			10.5			9.3			9.3			8.5			50
55	9.7			10.3			9.2			9.2			8.4			55
60	9.6			10.1	9.2		9.1			9.2			8.3			60
65	9.4	8.7		9.9	9		9	8.5		9.1	8.5		8.3			65
70	9.3	8.6		9.7	8.9		8.9	8.4		8.9	8.4		8.2			70
75	9.2	8.5		9.6	8.8		8.8	8.3		8.8	8.3		8.2	7.8		75
80	9	8.4	7.8	9.4	8.6	7.8	8.7	8.2		8.7	8.2		8.1	7.8		80
85	8.9	8.3	7.7	9.3	8.5	7.8	8.6	8.1	7.6	8.6	8.1	7.6	8	7.7		85
90	8.8	8.2	7.7	9.1	8.4	7.7	8.5	8.1	7.6	8.5	8.1	7.6	8	7.7	7.4	90
95	8.7	8.1	7.7	9	8.3	7.7	8.4	8	7.6	8.5	8	7.6	7.9	7.6	7.4	95
100	8.6	8	7.6	8.9	8.2	7.7	8.3	7.9	7.5	8.4	7.9	7.5	7.8	7.6	7.4	100
105	8.5	8	7.6	8.8	8.1	7.6	8.2	7.8	7.5	8.3	7.9	7.5	7.8	7.5	7.4	105
110	8.4	7.9	7.6	8.7	8	7.6	8.1	7.8	7.5	8.2	7.8	7.5	7.7	7.5	7.4	110
115	8.3	7.8	7.6	8.5	7.9	7.6	8.1	7.7	7.5	8.1	7.7	7.5	7.7	7.5	7.4	115
120	8.2	7.8	7.6	8.4	7.9	7.6	8	7.7	7.5	8	7.7	7.5	7.6	7.4	7.4	120
125	8	7.7	7.6	8.3	7.8	7.6	7.9	7.6	7.5	8	7.7	7.5	7.5	7.4	7.4	125
130	7.7	7.6	7.6	8.2	7.8	7.6	7.8	7.6	7.5	7.9	7.6	7.5	7.4	7.4	7.4	130
135	7.5	7.5	7.6	8.1	7.7	7.6	7.6	7.5	7.5	7.8	7.6	7.5	7.3	7.3	7.4	135
140	7.2	7.4	7.5	8	7.7	7.6	7.4	7.3	7.5	7.6	7.5	7.5	7.2	7.3	7.4	140
145	7	7.2	7.4	7.9	7.6	7.6	7.2	7.2	7.4	7.4	7.4	7.5	7.1	7.2	7.3	145
150	6.7	7	7.2	7.7	7.6	7.6	6.9	7.1	7.2	7.3	7.3	7.5	6.8	7	7.2	150
155	6.4	6.7	7	7.4	7.6	7.6	6.7	6.9	7.1	7.1	7.2	7.5	6.5	6.8	7	155
160	6.1	6.4	6.7	7.1	7.6	7.6	6.4	6.6	6.9	6.9	7	7.3	6.2	6.6	6.8	160
165	5.9	6.1	6.3	6.6	7.3	7.5	6.2	6.4	6.6	6.5	6.8	7	6	6.3	6.6	165
170	5.6	5.8	6	6.3	6.8	7.3	5.9	6.1	6.4	6.1	6.6	6.8	5.6	6.1	6.3	170
175	5.3	5.6	5.7	6.1	6.3	6.7	5.7	5.9	6.1	5.7	6.2	6.6	5.2	5.8	6.1	175
180	5.1	5.3	5.4	5.9	6	6.2	5.5	5.7	5.9	5.2	5.8	6.2	4.8	5.5	5.8	180
185	4.9	5	5.2	5.6	5.8	6	5.3	5.4	5.6	4.7	5.4	5.8	4.4	5.1	5.5	185
190	4.6	4.8	4.9	5.2	5.6	5.8	5	5.2	5.4	4.2	4.9	5.3	3.9	4.6	5.1	190
195	4.4	4.6		4.7	5.2	5.4	4.6	5	5.1	3.7	4.4	4.7	3.5	4.2	4.6	195
200	4.2	4.3		4.3	4.7		4.2	4.7	4.8	3.3	3.9	4.1	3	3.7	4.1	200
205	4	4.1		3.8	4.2		3.7	4.2		2.8	3.4	3.6	2.6	3.3	3.6	205
210	3.9	3.9		3.4	3.8		3.3	3.8		2.4	2.9		2.2	2.8	3.1	210
215	3.7	3.7		3.1	3.3		3	3.3		2.1	2.5		1.8	2.4	2.5	215
220	2			2.7	2.8		2.6	2.9			2.1			2		220
225							2.3	2.5								225
230							2									230

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# Lifting capacities Forces de levage

**TNZK**



↙ ↘	42 ft			99 ft			113 ft			127 ft			141 ft			156 ft			↙ ↘
	35 ft																		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
14	38.2																		14
15	37.6																		15
16	36.9	34.2		38.7															16
17	36.2	34.2		38.7															17
18	35.5	34		38.7															18
19	34.8	33.5		38.7			38.4												19
20	34.2	32.7		38.7			38.3												20
22	33	31.3		38.7			38			33.8									22
24	31.8	30.1		38.7			37.7			33.6									24
26	30.5	28.9	23.5	38.6			37.2			33.5			28.9						26
28	29.1	27.8	23	38.5	30		36.7			33.2			28.8						28
30	27.7	26.8	22.3	37.9	29.3		36.2	29		32.8			28.7			24.1			30
32	26.4	25.8	21.8	37.2	28.6		35.6	28.5		32.4			28.5			24.1			32
34	25.1	24.9	21.2	36.4	27.9		34.9	27.9		32	27		28.2			24			34
36	23.7	24.1	20.7	35.6	27.3	21.9	34	27.3		31.3	26.6		28			23.9			36
38	22.4	23.3	20.1	34.5	26.7	21.5	32.3	26.8		29.8	26.1		26.8	24.8		23.8			38
40	21.3	22.2	19.7	32.9	26.1	21.2	30.2	26.2	21.2	27.9	25.7		26.2	24.4		23.5			40
45	18.8	19.5	18.2	27.6	24.8	20.4	25.3	25	20.5	23.2	24.6	20.3	22.5	23.2		21.3	21.8		45
50	16.9	17.5	16.7	23.5	23.6	19.8	21.4	23.4	19.9	21.6	22	19.7	21.2	21.1	19.3	19.1	20.4		50
55	15.2	16.4	15.9	20.1	21.9	19.2	18.2	20.3	19.3	19.7	18.8	19.2	18.4	18.6	18.6	17.1	17.7	18	55
60	13.9	15.5	15.4	17.3	19.1	18.6	15.5	17.4	18.6	17.1	17.8	17.7	15.9	17.5	17	14.7	16.5	16.7	60
65	12.7	14.9	6.3	15	16.5	17.7	13.3	15	16.4	14.8	16.4	15.7	13.8	15.4	15.6	12.7	14.3	15.3	65
70				13	14.4	15.5	11.3	12.9	14.2	13	14.3	15.2	12	13.4	14.6	10.9	12.4	13.7	70
75				11.3	12.5	13.5	9.7	11.1	12.2	11.3	12.6	13.6	10.4	11.7	12.8	9.4	10.8	12	75
80				9.7	10.8	11.7	8.3	9.5	10.5	9.9	11.1	12	9	10.2	11.2	8	9.3	10.4	80
85				8.3	9.3	10	7	8.1	9	8.7	9.7	10.5	7.8	8.9	9.8	6.9	8	9	85
90				7.1	8	8.5	5.9	6.9	7.7	7.6	8.5	9.2	6.7	7.7	8.5	5.8	6.9	7.8	90
95				6	6.8	7.3	4.9	5.8	6.5	6.6	7.4	8.1	5.8	6.7	7.4	4.8	5.9	6.7	95
100				5.1	5.7	6.1	4	4.8	5.4	5.7	6.4	7	4.9	5.7	6.4	4	4.9	5.7	100
105				4.2	4.8	5.1	3.2	3.9	4.4	4.9	5.5	6	4.1	4.9	5.5	3.2	4.1	4.8	105
110				3.5	3.9	4.1	2.3	3.1	3.4	4.1	4.7	5.1	3.4	4.1	4.6	2.4	3.3	3.9	110
115				2.8	3.2			2.1	2.5	3.4	4	4.3	2.7	3.4	3.9		2.6	3.2	115
120				2.2	2.4					2.7	3.3	3.6	1.9	2.7	3.2			2.4	120
125										2.1	2.6	2.9		2	2.5				125
130											1.9	2.2							130

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↙ ↘	166 ft			170 ft			180 ft			184 ft			197 ft			↙ ↘			
	35 ft																		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°				
32	16.8			18.5															32
34	16.8			18.5															34
36	16.8			18.5			14.8					15							36
38	16.8			18.5			14.8					15							38
40	16.8			18.4			14.8					15			12.6				40
45	16.8			18.4			14.8					15			12.6				45
50	16.7	16.2		17.1	18.4		14.8	14.3				15			12.6				50
55	16.3	15.9		15.7	16.8		14.6	14.3				14	14.8		12.4	12.4			55
60	14.3	15.3	14.8	13.4	15.3	15.6	13	14.2	13.9	11.8	13.7				11.1	12.2			60
65	12.3	13.9	14.2	11.4	13.1	14.7	11.1	12.9	13.7	9.8	11.7	13.4			9.4	11.1	11.8		65
70	10.6	12.1	13.4	9.7	11.3	12.7	9.5	11	12.4	8.2	9.9	11.4			7.8	9.5	10.9		70
75	9.1	10.5	11.7	8.2	9.7	10.9	8	9.5	10.7	6.8	8.4	9.7			6.4	8	9.3		75
80	7.8	9.1	10.1	6.9	8.3	9.4	6.7	8.1	9.2	5.6	7	8.2			5.2	6.7	7.9		80
85	6.6	7.8	8.8	5.8	7	8.1	5.6	6.9	7.9	4.4	5.8	6.9			4.1	5.5	6.6		85
90	5.6	6.7	7.6	4.7	5.9	6.9	4.6	5.7	6.7	3.4	4.7	5.8			3	4.4	5.4		90
95	4.6	5.7	6.5	3.8	4.9	5.8	3.6	4.8	5.7	2.2	3.7	4.7			1.8	3.4	4.4		95
100	3.8	4.7	5.5	2.9	4	4.8	2.7	3.9	4.7			2.7	3.7			2.4	3.5		100
105	3	3.9	4.6	2	3.2	3.9	1.8	3	3.8								2.5		105
110	2.1	3.1	3.8		2.2	3.1		2.1	3										110
115		2.4	3			2.2			2.1										115
120			2.2																120

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# Lifting capacities Forces de levage

**TNZK**



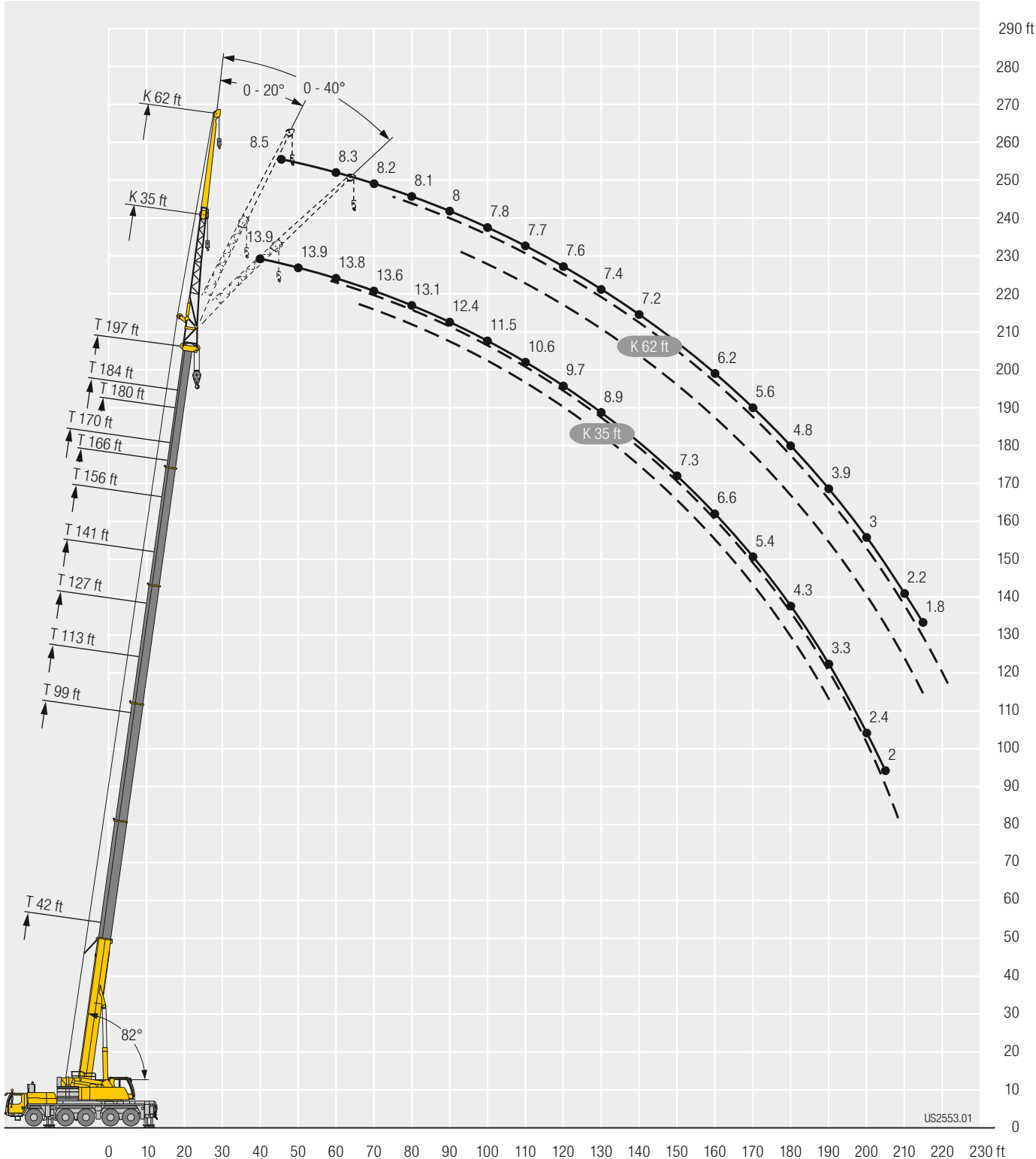
	42 ft			99 ft			113 ft			127 ft			141 ft			156 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
17	15.1																		17
18	15																		18
19	14.8																		19
20	14.7																		20
22	14.4			12.7															22
24	14.1			12.7			12.2												24
26	13.8			12.6			12.1												26
28	13.5			12.5			12			11.4									28
30	13.1	10.4		12.3			12			11.3			10.8						30
32	12.7	10.4		12.2			11.8			11.2			10.8						32
34	12.4	10.3		12			11.7			11.1			10.7			10.7			34
36	12	10.1		11.8			11.6			11			10.6			10.6			36
38	11.7	9.8		11.7			11.4			10.9			10.5			10.5			38
40	11.4	9.6		11.5			11.3			10.8			10.5			10.5			40
45	10.6	9.1		11.2	9.3		11			10.6			10.3			10.3			45
50	10	8.8	7.9	10.8	9		10.7	9		10.3	8.9		10			10.1			50
55	9.4	8.5	7.7	10.4	8.8		10.4	8.8		10	8.7		9.8	8.7		9.9			55
60	8.9	8.2	7.5	10.1	8.6	7.6	10.1	8.6		9.8	8.5		9.6	8.5		9.7	8.5		60
65	8.5	7.9	7.4	9.7	8.4	7.5	9.8	8.4	7.5	9.6	8.3		9.4	8.3		9.5	8.4		65
70	8	7.7	7.2	9.4	8.2	7.4	9.5	8.2	7.4	9.3	8.2	7.3	9.2	8.1	7.3	9.1	8.2		70
75	7.4	7.5	7.2	9.1	8	7.3	9.2	8.1	7.3	9.1	8	7.3	9	8	7.3	8.7	8.1	7.3	75
80	6.9	7.4	7.1	8.8	7.9	7.2	9	7.9	7.2	8.9	7.9	7.2	8.8	7.9	7.2	8.2	8	7.2	80
85	6.5	7.2	7.1	8.6	7.7	7.1	8.7	7.8	7.2	8.7	7.8	7.2	8.4	7.8	7.1	7.3	7.9	7.2	85
90	6.1	7.2	7.1	8.4	7.6	7.1	8.5	7.7	7.1	8.3	7.6	7.1	7.5	7.7	7.1	6.3	7.6	7.1	90
95	5.7	7.2		8.1	7.5	7.1	8.2	7.5	7.1	7.4	7.5	7	6.5	7.5	7	5.4	7.1	7	95
100				7.7	7.4	7	7.5	7.4	7	6.5	7.4	7	5.7	7.2	7	4.6	6.3	7	100
105				6.9	7.3	7	6.6	7.3	7	5.7	7	7	4.9	6.3	7	3.8	5.4	6.7	105
110				6.1	7.1	7	5.8	6.9	7	5	6.2	6.9	4.2	5.5	6.6	3.1	4.6	5.9	110
115				5.4	6.3	6.9	5.1	6.1	6.8	4.3	5.5	6.4	3.5	4.8	5.9	2.4	3.9	5.1	115
120				4.7	5.5	6.1	4.4	5.3	6	3.7	4.8	5.6	2.9	4.1	5.1		3.2	4.3	120
125				4.1	4.8	5.3	3.8	4.7	5.3	3.2	4.2	4.9	2.4	3.5	4.4		2.6	3.6	125
130				3.6	4.2	4.5	3.3	4	4.5	2.6	3.5	4.2		2.9	3.7		1.8	2.9	130
135				3.1	3.6	3.8	2.8	3.5	3.9	2	3	3.5		2.3	3.1			2.3	135
140				2.7	3.1		2.3	2.9	3.3		2.4	2.9			2.5				140
145				2.3	2.5		1.9	2.4	2.7		1.8	2.4			1.9				145
150				1.9	2			1.9											150

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	166 ft			170 ft			180 ft			184 ft			197 ft						
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°				
36	9.2			9.9															36
38	9.2			9.8															38
40	9.1			9.8			8.6												40
45	9			9.6			8.5			8.6			7.7						45
50	8.9			9.5			8.4			8.5			7.7						50
55	8.8			9.4			8.3			8.4			7.6						55
60	8.7			9.2	8.3		8.3			8.3			7.6						60
65	8.6	7.9		9	8.2		8.2	7.7		8.2	7.7		7.5						65
70	8.4	7.8		8.6	8.1		8.1	7.6		8.1	7.6		7.4						70
75	8.3	7.8		8.2	8		7.9	7.5		7.2	7.6		6.6	7.1					75
80	8	7.7	7.1	7.3	7.9	7.1	7.1	7.5		6	7.5		5.5	7					80
85	7	7.6	7	6.3	7.6	7.1	6	7.4	6.9	4.9	7.2	7	4.5	6.7					85
90	6	7.4	7	5.2	7.3	7	5	7	6.9	4	6.2	6.9	3.6	5.8	6.8				90
95	5.1	6.8	6.9	4.3	6.3	7	4.1	6.1	6.9	3	5.2	6.8	2.5	4.8	6.5				95
100	4.3	6	6.9	3.5	5.4	6.9	3.3	5.2	6.7	2	4.3	6		4	5.6				100
105	3.5	5.2	6.5	2.7	4.5	6	2.4	4.4	5.8		3.5	5.1		3.2	4.7				105
110	2.8	4.4	5.7	1.8	3.8	5.1		3.6	5		2.6	4.2		2.3	3.9				110
115	2	3.7	4.9		3.1	4.3		2.9	4.2			3.4			3.1				115
120		3	4.1		2.3	3.6		2.1	3.4			2.6			2.4				120
125		2.3	3.4			2.9			2.8			1.8							125
130			2.8			2.2			2										130
135			2.1																135

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# Lifting heights Hauteurs de levage



# Lifting capacities Forces de levage

TVNZK



Jib Length (ft)	42 ft + 23 ft			156 ft + 23 ft			166 ft + 23 ft			170 ft + 23 ft			180 ft + 23 ft			184 ft + 23 ft			197 ft + 23 ft			Jib Length (ft)	
	0°	20°	40°	0°	20°	40°	0°	20°	40°	35 ft			0°	20°	40°	0°	20°	40°	0°	20°	40°		
14	14.6																					14	
15	14.6																					15	
16	14.6																					16	
17	14.5																					17	
18	14.5																					18	
19	14.5																					19	
20	14.5	14.5																				20	
22	14.4	14.4																				22	
24	14.2	14.3																				24	
26	13.8	14																				26	
28	13.4	13.5																				28	
30	13	13.1	12.6																			30	
32	12.6	12.6	12.6																			32	
34	12.2	12.2	12.4																			34	
36	11.8	11.8	12	14.6																		36	
38	11.4	11.4	11.6	14.6			12.6			12.9												38	
40	11	11	11.2	14.6			12.6			12.9			11									40	
45	10.1	10.2	10.4	14.5			12.6			12.9			11			11.2				9.5		45	
50	9.3	9.6	9.7	14.5	14.1		12.6			12.9			11			11.2				9.5		50	
55	8.4	9	9.1	14.3	13.6		12.5	12.3		12.8	12.8		11	11		11.2				9.4		55	
60	7.6	8.4	8.6	14.1	13.1	12.3	12.4	12		12.7	12.5		11	11		11.2	11.2			9.4	9.5	60	
65	6.9	7.5	8	13.6	12.6	11.9	12.2	11.5	11	12.7	12.1	11.5	11	10.9	10.6	11.2	11.2			9.4	9.5	65	
70	6.3	6.8	7.2	13.1	12.1	11.4	11.9	11.1	10.6	12.4	11.7	11.2	10.9	10.7	10.3	11.1	11	10.7	10.3	9.4	9.5	9.3	70
75	5.7	6.1	6.4	12.7	11.6	11.1	11.5	10.8	10.3	12.1	11.3	10.8	10.8	10.4	10	11	10.7	10.3		9.4	9.5	9.3	75
80	5.2	5.5	5.7	12.2	11.2	10.7	11.2	10.4	10	11.8	11	10.4	10.6	10.1	9.8	10.8	10.5	10.1		9.3	9.4	9.2	80
85	4.7	5	5	11.8	10.8	10.3	10.8	10.1	9.7	11.4	10.6	10.2	10.3	9.8	9.5	10.7	10.2	9.9		9.3	9.2	9.1	85
90	4.3	4.4		11.3	10.4	10	10.4	9.8	9.5	11.1	10.3	9.9	10	9.6	9.3	10.5	9.9	9.6		9.2	9.1	8.9	90
95				10.8	10.1	9.7	10	9.5	9.2	10.7	10	9.6	9.7	9.4	9.1	10.2	9.7	9.4		9.1	8.9	8.7	95
100				10.4	9.8	9.5	9.6	9.3	9	10.3	9.7	9.4	9.4	9.1	8.9	9.9	9.5	9.2		9	8.7	8.6	100
105				10	9.5	9.3	9.3	9	8.8	10	9.5	9.2	9.1	8.9	8.7	9.7	9.2	9		8.7	8.5	8.4	105
110				9.6	9.3	9	9	8.8	8.6	9.6	9.2	9	8.9	8.7	8.5	9.4	9	8.8		8.5	8.4	8.2	110
115				9.2	9	8.8	8.6	8.5	8.4	9.3	9	8.8	8.6	8.4	8.3	9.1	8.8	8.7		8.3	8.2	8.1	115
120				8.8	8.8	8.7	8.3	8.3	8.2	8.9	8.7	8.6	8.3	8.2	8.2	8.8	8.6	8.5		8	8	7.9	120
125				8.4	8.5	8.4	8	8	8	8.6	8.5	8.4	8	7.9	8	8.5	8.4	8.3		7.8	7.8	7.8	125
130				8	8.2	8.1	7.6	7.7	7.8	8.3	8.3	8.3	7.7	7.7	7.8	8.2	8.2	8.1		7.5	7.5	7.6	130
135				7.7	7.8	7.9	7.3	7.4	7.5	7.9	8	8	7.4	7.4	7.5	7.9	7.9	7.9		7.3	7.3	7.4	135
140				7.4	7.5	7.6	7	7.1	7.2	7.6	7.7	7.8	7.2	7.2	7.3	7.6	7.7	7.7		7	7.1	7.2	140
145				7	7.1	7.2	6.7	6.8	6.9	7.3	7.4	7.5	6.9	7	7.1	7.3	7.4	7.5		6.8	6.8	7	145
150				6.7	6.8	6.9	6.3	6.5	6.6	7	7.1	7.2	6.6	6.7	6.8	7.1	7.1	7.2		6.5	6.6	6.8	150
155				6.4	6.5	6.6	6	6.2	6.3	6.7	6.8	6.9	6.3	6.4	6.6	6.8	6.9	7		6.2	6.4	6.5	155
160				6.1	6.2	6.3	5.8	5.9	6	6.5	6.6	6.6	6.1	6.2	6.3	6.4	6.6	6.7		5.9	6.1	6.2	160
165				5.9	6	6	5.5	5.6	5.7	6.2	6.3	6.4	5.8	5.9	6	6	6.3	6.5		5.6	5.8	5.9	165
170				5.6	5.7	5.8	5.2	5.3	5.4	6	6.1	6.1	5.6	5.7	5.8	5.6	5.9	6.1		5.1	5.5	5.6	170
175				5.4	5.5	5.5	4.9	5.1	5.1	5.8	5.8	5.9	5.3	5.4	5.5	5.1	5.5	5.7		4.7	5.1	5.4	175
180				5.1	5.2		4.7	4.8	4.9	5.5	5.6	5.7	5.1	5.2	5.3	4.5	5	5.2		4.2	4.6	4.9	180
185				4.9	5		4.5	4.6	4.6	5	5.3	5.4	4.9	5	5	4	4.5	4.7		3.8	4.2	4.4	185
190				4.7	4.8		4.3	4.3		4.6	4.8		4.5	4.7	4.8	3.5	3.9	4.1		3.3	3.7	3.9	190
195				4.5	4.6		4	4.1		4.1	4.4		4	4.3	4.4	3.1	3.4	3.6		2.9	3.2	3.5	195
200				4.3	4.4		3.8	3.9		3.6	3.9		3.5	3.8		2.6	2.9	3.1		2.4	2.8	3	200
205				3.3			3.6	3.7		3.2	3.4		3.1	3.4		2.2	2.5			2	2.3	2.5	205
210							3.4	3.5		2.8	2.9		2.7	2.9		1.8	2				1.9	2	210
215							2.5			2.5	2.5		2.3	2.5									215
220													2	2.1									220

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# Lifting capacities Forces de levage

TVNZK



Height (ft)	42 ft + 23 ft			156 ft + 23 ft			166 ft + 23 ft			170 ft + 23 ft			180 ft + 23 ft			184 ft + 23 ft			194 ft + 23 ft			197 ft + 23 ft			Height (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°	
17	9.2																								17
18	9.2																								18
19	9.2																								19
20	9.2																								20
22	9.1																								22
24	9.1																								24
26	9																								26
28	9																								28
30	8.9																								30
32	8.8																								32
34	8.8																								34
36	8.7	8.5																							36
38	8.6	8.5																							38
40	8.5	8.4																							40
45	8.2	8.3																							45
50	7.8	7.9																							50
55	7.4	7.5	7.6	9																					55
60	7	7.1	7.3	9																					60
65	6.6	6.7	6.9	8.9	8.4																				65
70	6.3	6.3	6.5	8.8	8.4																				70
75	6	6	6.2	8.7	8.3																				75
80	5.6	5.7	5.9	8.6	8.1																				80
85	5.2	5.5	5.6	8.5	7.9	7.5	7.8	7.4																	85
90	4.8	5.2	5.4	8.3	7.7	7.3	7.7	7.3	6.9																90
95	4.4	4.9	5.2	8	7.5	7.1	7.6	7.1	6.7	7.8	7.3	7	7.2	6.9	6.6	7.3	7.1	6.8	6.5	6.4	6	6.4	6.3		95
100	4	4.6	4.9	7.8	7.2	6.9	7.4	6.9	6.6	7.7	7.1	6.8	7.1	6.7	6.5	7.2	6.9	6.7	6.5	6.4	6.1	6.4	6.3	6	100
105	3.7	4.1	4.4	7.6	7	6.7	7.2	6.7	6.4	7.5	7	6.7	7	6.5	6.3	7.1	6.8	6.5	6.5	6.3	6.1	6.3	6.2	6	105
110	3.4	3.7	3.8	7.4	6.8	6.6	7	6.5	6.3	7.3	6.8	6.5	6.8	6.4	6.2	7	6.6	6.4	6.4	6.2	6	6.3	6.1	6	110
115	3.1	3.3		7.2	6.6	6.4	6.8	6.3	6.1	7.1	6.6	6.4	6.7	6.2	6.1	6.9	6.5	6.2	6.3	6.1	5.9	6.2	6	5.9	115
120				7	6.5	6.2	6.6	6.2	6	6.9	6.4	6.2	6.5	6.1	5.9	6.7	6.3	6.1	6.2	5.9	5.8	6.1	5.9	5.8	120
125				6.8	6.3	6.1	6.4	6	5.9	6.7	6.3	6.1	6.4	6	5.8	6.6	6.2	6	6.1	5.8	5.7	6	5.8	5.7	125
130				6.6	6.1	6	6.3	5.9	5.7	6.6	6.1	6	6.2	5.8	5.7	6.4	6	5.9	6	5.7	5.6	5.9	5.7	5.6	130
135				6.4	6	5.9	6.1	5.7	5.6	6.4	6	5.9	6	5.7	5.6	6.3	5.9	5.8	5.9	5.6	5.5	5.8	5.6	5.5	135
140				6.2	5.9	5.7	5.9	5.6	5.5	6.2	5.9	5.7	5.9	5.6	5.5	6.2	5.8	5.7	5.8	5.5	5.4	5.7	5.5	5.4	140
145				6.1	5.7	5.6	5.8	5.5	5.4	6.1	5.7	5.6	5.8	5.5	5.4	6	5.7	5.6	5.7	5.4	5.3	5.6	5.4	5.3	145
150				5.9	5.6	5.5	5.6	5.4	5.3	5.9	5.6	5.5	5.6	5.3	5.3	5.9	5.6	5.5	5.6	5.3	5.2	5.5	5.3	5.2	150
155				5.7	5.5	5.4	5.4	5.3	5.2	5.8	5.5	5.4	5.4	5.2	5.2	5.7	5.5	5.4	5.4	5.2	5.1	5.4	5.2	5.1	155
160				5.5	5.4	5.3	5.3	5.1	5.1	5.7	5.4	5.3	5.3	5.1	5.1	5.6	5.4	5.3	5.3	5.1	5	5.3	5.1	5	160
165				5.3	5.2	5.2	5	5	5.1	5.5	5.3	5.2	5.1	5	5	5.4	5.3	5.2	5.2	5	5	5.1	5	4.9	165
170				5.1	5.1	5.2	4.8	4.9	5	5.3	5.2	5.2	5	4.9	5	5.3	5.2	5.1	5	4.9	4.9	4.9	4.9	4.9	170
175				4.9	4.9	5.1	4.6	4.8	4.8	5.1	5.1	5.1	4.8	4.8	4.8	5.1	5.1	5.1	4.8	4.8	4.8	4.7	4.8	4.8	175
180				4.7	4.8	4.9	4.4	4.6	4.7	4.9	5	5	4.6	4.7	4.8	4.7	4.9	5	4.6	4.7	4.8	4.4	4.7	4.8	180
185				4.5	4.6	4.8	4.2	4.4	4.5	4.7	4.8	4.9	4.4	4.6	4.7	4.4	4.8	4.9	4.2	4.6	4.7	4	4.6	4.6	185
190				4.3	4.4	4.5	4	4.2	4.3	4.5	4.6	4.8	4.2	4.4	4.6	4	4.6	4.8	3.8	4.4	4.6	3.6	4.3	4.5	190
195				4.1	4.2	4.3	3.8	4	4.1	4.4	4.5	4.6	4	4.2	4.4	3.6	4.2	4.6	3.3	4.1	4.4	3.2	3.9	4.3	195
200				3.9	4	4.1	3.6	3.8	3.9	4.2	4.3	4.4	3.8	4.1	4.2	3.1	3.8	4.2	3	3.7	4.1	2.8	3.5	4	200
205				3.7	3.8		3.4	3.6	3.6	3.8	4.1	4.2	3.5	3.9	4	2.8	3.4	3.7	2.6	3.3	3.7	2.4	3.1	3.5	205
210				3.6	3.7		3.2	3.4	3.4	3.3	3.9	4	3.2	3.6	3.8	2.4	3	3.3	2.2	2.9	3.2	2.1	2.7	3.1	210
215				3.4	3.5		3	3.2		3	3.4	3.6	2.8	3.3	3.5	2	2.6	2.8	1.9	2.5	2.8		2.3	2.7	215
220				3.2	3.3		2.8	3		2.6	3		2.5	2.9	3.1		2.1	2.4		2.1	2.4		1.9	2.3	220
225				3	3.2		2.7	2.8		2.2	2.6		2.1	2.5				1.9			2			1.8	225
230				2.6			2.5	2.6		1.9	2.2		1.8	2.2											230
235							2.2	2.4			1.9			1.8											235
240							1.9																		240

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# Lifting capacities Forces de levage

TVNZK



	42 ft + 23 ft			156 ft + 23 ft			166 ft + 23 ft			170 ft + 23 ft			180 ft + 23 ft			184 ft + 23 ft			197 ft + 23 ft				
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
	35 ft																						
14	13.3																					14	
15	13.3																					15	
16	13.2																					16	
17	13.2																					17	
18	13.2																					18	
19	13.2																					19	
20	13.1	13.2																				20	
22	13.1	13.1																				22	
24	12.9	13																				24	
26	12.6	12.7																				26	
28	12.2	12.3																				28	
30	11.8	11.9	11.4																			30	
32	11.5	11.5	11.4																			32	
34	11.1	11.1	11.2																			34	
36	10.7	10.7	10.9	13.3																		36	
38	10.4	10.4	10.5	13.3			11.5			11.8												38	
40	10	10	10.2	13.3			11.5			11.8			10									40	
45	9.2	9.3	9.4	13.2			11.4			11.8			10			10.2				8.6		45	
50	8.4	8.7	8.8	13.1	12.9		11.4			11.7			10			10.2				8.6		50	
55	7.6	8.2	8.3	13	12.4		11.4	11.2		11.6	11.7		10	10		10.2				8.6		55	
60	6.9	7.6	7.8	12.8	11.9	11.2	11.3	10.9		11.6	11.4		10	10		10.2	10.2			8.6	8.6	60	
65	6.3	6.9	7.3	12.1	11.4	10.8	11.1	10.5	10	11.1	11	10.5	9.9	9.9	9.6	9.5	10.2			8.4	8.6	65	
70	5.7	6.2	6.6	10.7	11	10.4	10.2	10.1	9.7	9.5	10.6	10.1	9	9.7	9.3	8	9.5	9.7		7.3	8.5	8.4	70
75	5.2	5.6	5.9	9.2	10.4	10	8.9	9.8	9.4	8.1	9.5	9.8	7.7	9	9.1	6.6	8.1	9.3		6	7.5	8.3	75
80	4.7	5	5.2	7.9	9.2	9.7	7.6	8.9	9.1	6.8	8.1	9.2	6.5	7.8	8.8	5.4	6.9	8		4.9	6.3	7.5	80
85	4.3	4.5	4.6	6.7	7.9	8.9	6.4	7.7	8.6	5.6	6.9	8	5.4	6.7	7.7	4.3	5.7	6.8		3.9	5.2	6.3	85
90	3.9	4		5.7	6.8	7.7	5.4	6.5	7.5	4.6	5.8	6.8	4.4	5.6	6.6	3.3	4.6	5.7		2.9	4.3	5.2	90
95				4.8	5.8	6.7	4.5	5.5	6.4	3.7	4.8	5.7	3.5	4.6	5.6	2.2	3.6	4.6		1.8	3.3	4.3	95
100				3.9	4.9	5.7	3.6	4.6	5.4	2.8	4	4.8	2.6	3.7	4.6		2.7	3.7				3.4	100
105				3.2	4.1	4.8	2.9	3.8	4.6	1.9	3.1	3.9		2.9	3.8			2.8				2.4	105
110				2.3	3.3	4	1.9	3.1	3.8		2.2	3.1		2	2.9								110
115					2.6	3.2		2.3	3			2.3			2.1								115
120						2.5			2.3														120

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# Lifting capacities Forces de levage

TVNZK

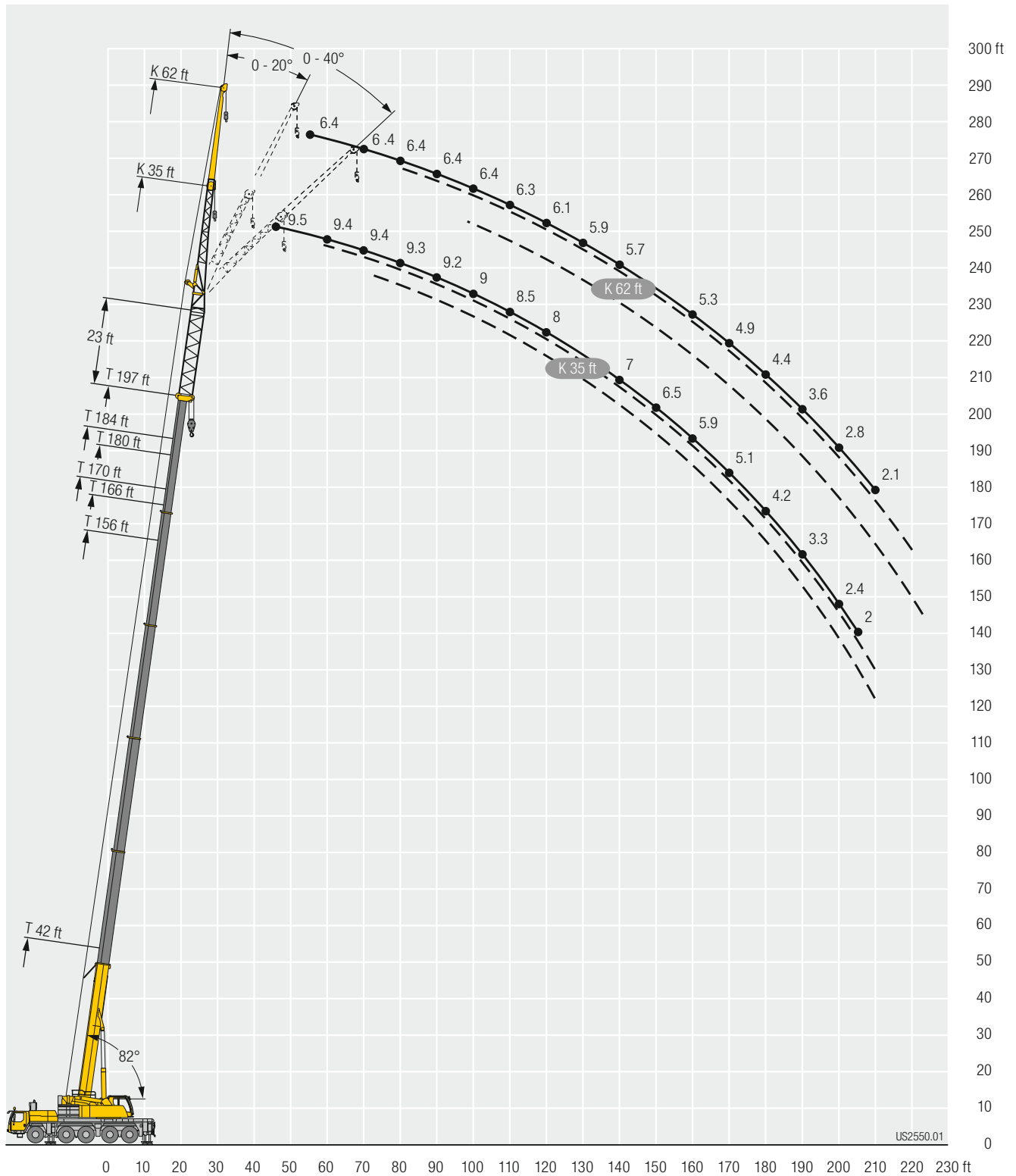


42 ft + 23 ft	62 ft																								197 ft + 23 ft				
	156 ft + 23 ft			166 ft + 23 ft			170 ft + 23 ft			180 ft + 23 ft			184 ft + 23 ft			194 ft + 23 ft			197 ft + 23 ft										
0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°			
17	8.3																										17		
18	8.3																											18	
19	8.3																											19	
20	8.3																											20	
22	8.2																											22	
24	8.2																											24	
26	8.1																											26	
28	8.1																											28	
30	8																											30	
32	8																											32	
34	8																											34	
36	7.9	7.7																										36	
38	7.8	7.7																										38	
40	7.8	7.7		8.4																								40	
45	7.5	7.5		8.3			7.3			7.6																		45	
50	7.1	7.2		8.3			7.3			7.6		6.7			6.9													50	
55	6.7	6.8	6.9	8.2			7.3			7.6		6.7			6.8			6				5.8						55	
60	6.3	6.4	6.6	8.2			7.3			7.5		6.7			6.8			6				5.8						60	
65	6	6.1	6.2	8.1	7.7		7.3			7.5		6.7			6.8			6				5.8						65	
70	5.7	5.8	5.9	8	7.6		7.3	7.2		7.5	7.3		6.7			6.8			6			5.8						70	
75	5.4	5.5	5.6	7.9	7.5		7.3	7.1		7.4	7.2		6.7	6.6		6.5	6.7			6			5.7					75	
80	5.1	5.2	5.4	7.6	7.4		7.2	7		6.9	7.2		6.5	6.6		5.6	6.7			5.2	5.9		5	5.7				80	
85	4.7	5	5.1	7	7.2	6.8	6.5	6.8		5.9	7		5.5	6.5		4.6	6.6			4.3	5.8		4	5.7				85	
90	4.3	4.8	4.9	6	7	6.6	5.7	6.6	6.3	5	6.8	6.5	4.7	6.4	6.1	3.7	5.8			3.4	5.5		3.2	5.3				90	
95	4	4.5	4.7	5.1	6.7	6.4	4.8	6.4	6.1	4.1	6	6.4	3.8	5.7	6	2.7	4.9	6.2		2.4	4.6	5.5	2.2	4.4				95	
100	3.6	4.1	4.5	4.3	6	6.3	4	5.8	6	3.2	5.2	6.2	3	4.8	5.9	1.8	4.1	5.7			3.8	5.4		3.6	5.2			100	
105	3.4	3.7	4	3.6	5.2	6.1	3.2	4.9	5.9	2.4	4.4	5.8	2.2	4.1	5.5		3.3	4.8			3.1	4.6		2.9	4.4			105	
110	3.1	3.4	3.5	2.8	4.4	5.7	2.4	4.2	5.5		3.6	5		3.4	4.7		2.4	4.1			2.2	3.8			3.6			110	
115	2.8	3		2.1	3.7	5		3.5	4.7		2.9	4.2		2.6	4			3.3				3.1			2.9	4.4		115	
120					3.1	4.2		2.8	4		2.1	3.5		1.9	3.3			2.5				2.4			2.2	2.2		120	
125					2.4	3.5		2.1	3.3			2.8			2.6														125
130						2.9			2.7			2			1.8														130
135						2.3			2																				135

t\_205\_02119\_00\_000

# Lifting heights Hauteurs de levage

TVNZK



US2550.01



# Lifting capacities Forces de levage

TVNZK



42-197 ft T	42 ft + 46 ft		156 ft + 46 ft			166 ft + 46 ft			170 ft + 46 ft			180 ft + 46 ft			184 ft + 46 ft			194 ft + 46 ft			197 ft + 46 ft			T		
	35 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°	
14	9.8																								14	
15	9.8																									15
16	9.8																									16
17	9.8																									17
18	9.8																									18
19	9.8																									19
20	9.8																									20
22	9.8																									22
24	9.7	9.7																								24
26	9.6	9.7																								26
28	9.5	9.7																								28
30	9.5	9.7																								30
32	9.4	9.6																								32
34	9.2	9.4	9																							34
36	8.9	9.2	9																							36
38	8.7	8.9	9																							38
40	8.5	8.7	8.9	9.8																						40
45	8	8.1	8.3	9.8			8.5			8.8																45
50	7.4	7.6	7.7	9.7			8.5			8.7			7.6			7.5										50
55	7	7.1	7.2	9.6	9.7		8.5			8.7			7.6			7.5			6.6			6.4				55
60	6.5	6.6	6.8	9.5	9.5		8.5	8.5		8.6	8.7			7.5			7.5		6.6			6.4				60
65	6.2	6.3	6.4	9.4	9.2	8.9	8.4	8.4		8.6	8.7			7.5	7.6		7.5	7.6		6.6	6.6		6.4			65
70	5.8	5.9	6	9.2	8.9	8.6	8.3	8.2	8	8.5	8.5	8.4	7.5	7.6		7.5	7.6		6.6	6.6		6.4	6.4			70
75	5.5	5.6	5.7	8.9	8.6	8.4	8.2	8	7.8	8.4	8.3	8.1	7.5	7.5	7.5	7.5	7.6	7.6	6.6	6.6		6.4	6.4			75
80	5	5.3	5.4	8.7	8.3	8.1	8	7.7	7.6	8.2	8.1	7.9	7.4	7.4	7.3	7.5	7.6	7.5	6.5	6.6	6.6	6.4	6.4	6.4		80
85	4.6	4.9	5.1	8.4	8	7.8	7.7	7.5	7.3	8.1	7.8	7.6	7.3	7.2	7.1	7.4	7.4	7.3	6.5	6.6	6.6	6.3	6.4	6.4		85
90	4.2	4.5	4.8	8.1	7.8	7.6	7.5	7.2	7.1	7.9	7.6	7.4	7.2	7	6.9	7.3	7.3	7.1	6.5	6.6	6.6	6.3	6.4	6.4		90
95	3.8	4.1	4.3	7.8	7.5	7.3	7.3	7	6.9	7.7	7.4	7.2	7	6.8	6.7	7.2	7.1	7	6.5	6.5	6.5	6.3	6.3	6.3		95
100	3.4	3.7	3.8	7.6	7.2	7.1	7.1	6.8	6.7	7.4	7.1	7	6.9	6.6	6.5	7.1	6.9	6.8	6.4	6.3	6.3	6.3	6.2	6.2		100
105	3.1	3.3	3.3	7.3	7	6.9	6.9	6.6	6.5	7.2	6.9	6.8	6.7	6.5	6.4	7	6.7	6.6	6.4	6.2	6.1	6.2	6.1	6.1		105
110	2.8	2.9	3.3	7.1	6.8	6.7	6.7	6.4	6.3	7	6.7	6.6	6.5	6.3	6.2	6.8	6.5	6.4	6.2	6.1	6	6.1	6	5.9		110
115	2.6			6.8	6.6	6.5	6.4	6.2	6.1	6.8	6.5	6.4	6.3	6.1	6	6.6	6.4	6.3	6.1	5.9	5.9	6	5.9	5.8		115
120				6.6	6.4	6.3	6.3	6.1	6	6.6	6.3	6.2	6.1	6	5.9	6.4	6.2	6.1	5.9	5.8	5.7	5.9	5.7	5.7		120
125				6.4	6.2	6.1	6.1	5.9	5.8	6.4	6.2	6.1	6	5.8	5.7	6.2	6	5.9	5.8	5.6	5.6	5.7	5.6	5.5		125
130				6.2	6	5.9	5.9	5.7	5.6	6.2	6	5.9	5.8	5.7	5.6	6.1	5.9	5.8	5.6	5.5	5.5	5.6	5.5	5.4		130
135				6	5.8	5.8	5.7	5.6	5.5	6	5.8	5.8	5.7	5.5	5.5	5.9	5.7	5.7	5.5	5.4	5.3	5.5	5.3	5.3		135
140				5.9	5.7	5.6	5.5	5.4	5.4	5.9	5.7	5.6	5.5	5.4	5.3	5.8	5.6	5.5	5.4	5.3	5.2	5.4	5.2	5.2		140
145				5.7	5.5	5.5	5.4	5.3	5.2	5.7	5.5	5.5	5.4	5.2	5.2	5.6	5.5	5.4	5.3	5.1	5.1	5.2	5.1	5.1		145
150				5.5	5.4	5.3	5.2	5.1	5.1	5.6	5.4	5.4	5.2	5.1	5.1	5.5	5.3	5.3	5.1	5	5	5.1	5	5		150
155				5.3	5.2	5.2	5	5	5	5.4	5.2	5.2	5	5	5	5.3	5.2	5.2	5	4.9	4.9	5	4.9	4.8		155
160				5.1	5.1	5.1	4.8	4.8	4.9	5.3	5.1	5.1	4.9	4.8	4.8	5.2	5.1	5.1	4.9	4.8	4.8	4.9	4.8	4.8		160
165				4.8	4.9	5	4.6	4.7	4.7	5.1	5	5	4.7	4.7	4.8	5	5	5	4.7	4.7	4.7	4.7	4.6	4.7		165
170				4.6	4.7	4.8	4.4	4.5	4.5	4.9	4.9	4.9	4.5	4.6	4.7	4.9	4.8	4.9	4.5	4.6	4.6	4.4	4.5	4.6		170
175				4.4	4.5	4.6	4.1	4.3	4.3	4.7	4.7	4.7	4.3	4.4	4.5	4.5	4.7	4.8	4.3	4.5	4.5	4.1	4.4	4.4		175
180				4.2	4.3	4.4	3.9	4	4.1	4.5	4.5	4.6	4.2	4.3	4.4	4.1	4.5	4.6	3.9	4.2	4.3	3.7	4.2	4.2		180
185				4	4.1	4.1	3.7	3.8	3.9	4.3	4.3	4.4	4	4.1	4.2	3.6	4.1	4.3	3.5	3.9	4.1	3.3	3.7	4		185
190				3.8	3.9	3.9	3.5	3.6	3.6	4	4.1	4.2	3.7	3.9	3.9	3.2	3.6	3.9	3	3.5	3.7	2.9	3.3	3.6		190
195				3.6	3.7	3.7	3.3	3.4	3.4	3.8	3.9	4	3.5	3.7	3.7	2.8	3.2	3.4	2.6	3	3.3	2.4	2.9	3.1		195
200				3.4	3.5		3	3.2	3.2	3.4	3.7	3.7	3.2	3.5	3.6	2.4	2.8	3	2.2	2.6	2.8	2	2.4	2.7		200
205				3.2	3.3		2.9	3		3	3.3	3.4	2.8	3.1	3.2	2	2.4	2.5	1.8	2.2	2.4		2	2.3		205
210				3.1	3.1		2.7	2.8		2.6	2.8		2.4	2.8	2.9		1.9	2.1					1.9			210
215				2.9	3		2.5	2.6		2.2	2.4		2	2.4	2.4											215
220				2.6	2.7		2.3	2.4		1.8	2				1.9											220
225				2.3			2.1	2.2																		225
230								1.9																		230

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# Lifting capacities Forces de levage

TVNZK



	42 ft + 46 ft			156 ft + 46 ft			166 ft + 46 ft			170 ft + 46 ft			180 ft + 46 ft			184 ft + 46 ft			194 ft + 46 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
	62 ft																					
18	6.6																					18
19	6.6																					19
20	6.6																					20
22	6.6																					22
24	6.6																					24
26	6.6																					26
28	6.6																					28
30	6.6																					30
32	6.5																					32
34	6.5																					34
36	6.5																					36
38	6.4																					38
40	6.4	6.6																				40
45	6.3	6.6																				45
50	6.1	6.4		6.6			5.8			5.9												50
55	5.8	6.1	5.9	6.6			5.8			5.9			5.2			5.2						55
60	5.5	5.7	5.9	6.6			5.8			5.9			5.1			5.2			4.5			60
65	5.2	5.4	5.7	6.5			5.7			5.8			5.1			5.1			4.4			65
70	4.9	5.1	5.3	6.5			5.7			5.8			5.1			5.1			4.4			70
75	4.6	4.8	5	6.4	6.5		5.7			5.8			5			5.1			4.4			75
80	4.4	4.5	4.7	6.3	6.3		5.7	5.8		5.7	5.9		5	5.2		5	5.2		4.4			80
85	4.1	4.3	4.5	6.2	6.2		5.6	5.7		5.7	5.8		5	5.2		5	5.2		4.4	4.5		85
90	3.9	4	4.2	6.2	6	5.8	5.5	5.6		5.7	5.7		5	5.1		5	5.2		4.3	4.5		90
95	3.7	3.8	4	6	5.8	5.6	5.5	5.4	5.3	5.6	5.6	5.5	5	5.1		5	5.2		4.3	4.5		95
100	3.5	3.6	3.8	5.9	5.6	5.4	5.4	5.2	5.1	5.6	5.4	5.3	4.9	5	4.9	5	5.1	5.1	4.3	4.5		100
105	3.3	3.4	3.6	5.7	5.4	5.3	5.3	5.1	5	5.5	5.3	5.2	4.9	4.9	4.8	5	5	5	4.3	4.5	4.4	105
110	3.1	3.3	3.4	5.5	5.2	5.1	5.2	4.9	4.8	5.4	5.1	5	4.9	4.8	4.7	4.9	4.9	4.9	4.3	4.5	4.4	110
115	2.8	3.1	3.2	5.3	5.1	5	5	4.8	4.7	5.2	5	4.9	4.8	4.7	4.6	4.9	4.8	4.7	4.3	4.4	4.4	115
120	2.5	2.9	3.1	5.2	4.9	4.8	4.8	4.6	4.6	5.1	4.9	4.7	4.7	4.5	4.5	4.8	4.7	4.6	4.3	4.3	4.3	120
125	2.5	2.7	2.8	5	4.8	4.7	4.7	4.5	4.4	4.9	4.7	4.6	4.6	4.4	4.4	4.7	4.6	4.5	4.2	4.2	4.2	125
130	2.5	2.6	2.4	4.8	4.6	4.5	4.5	4.4	4.3	4.8	4.6	4.5	4.4	4.3	4.2	4.6	4.4	4.4	4.1	4.1	4.1	130
135	2.5	2.6	2.2	4.7	4.5	4.4	4.4	4.2	4.2	4.6	4.4	4.4	4.3	4.2	4.1	4.5	4.3	4.3	4.1	4	4	135
140	2.5	2.6		4.5	4.3	4.3	4.3	4.1	4.1	4.5	4.3	4.2	4.2	4	4	4.4	4.2	4.2	4	3.9	3.9	140
145				4.4	4.2	4.1	4.2	4	4	4.4	4.2	4.1	4.1	3.9	3.9	4.3	4.1	4.1	3.9	3.8	3.8	145
150				4.3	4.1	4	4	3.9	3.9	4.2	4.1	4	4	3.8	3.8	4.2	4	4	3.9	3.7	3.7	150
155				4.1	4	3.9	3.9	3.8	3.7	4.1	4	3.9	3.9	3.7	3.7	4	3.9	3.9	3.8	3.6	3.7	155
160				4	3.8	3.8	3.8	3.7	3.6	4	3.9	3.8	3.8	3.6	3.6	3.9	3.8	3.8	3.7	3.6	3.6	160
165				3.9	3.7	3.7	3.7	3.6	3.6	3.9	3.8	3.7	3.7	3.5	3.5	3.8	3.7	3.7	3.6	3.5	3.5	165
170				3.7	3.6	3.6	3.6	3.5	3.5	3.8	3.7	3.6	3.6	3.5	3.5	3.7	3.6	3.6	3.5	3.4	3.4	170
175				3.6	3.5	3.5	3.5	3.4	3.4	3.7	3.5	3.5	3.5	3.4	3.4	3.6	3.5	3.5	3.4	3.3	3.3	175
180				3.5	3.4	3.4	3.3	3.3	3.3	3.6	3.4	3.5	3.4	3.3	3.3	3.6	3.4	3.4	3.3	3.2	3.3	180
185				3.4	3.3	3.4	3.2	3.2	3.2	3.5	3.4	3.4	3.3	3.2	3.2	3.5	3.3	3.4	3.2	3.2	3.2	185
190				3.3	3.3	3.3	3.1	3.1	3.1	3.4	3.3	3.3	3.2	3.1	3.2	3.3	3.3	3.3	3	3.1	3.1	190
195				3.2	3.2	3.2	2.9	3	3.1	3.3	3.2	3.2	3.1	3.1	3.1	3	3.2	3.2	2.8	3	3.1	195
200				3.1	3.1	3.2	2.7	2.9	3	3.2	3.1	3.2	2.9	3	3	2.6	3.1	3.2	2.5	2.9	3	200
205				2.9	3	3.1	2.6	2.7	2.9	3.1	3	3.1	2.8	2.9	2.9	2.2	2.9	3.1	2.1	2.7	2.9	205
210				2.7	2.9	3	2.4	2.6	2.8	2.9	3	3.1	2.6	2.8	2.8	1.9	2.6	3		2.4	2.8	210
215				2.6	2.7	2.8	2.2	2.4	2.6	2.6	2.9	3	2.4	2.6	2.8		2.2	2.6		2.1	2.5	215
220				2.4	2.6	2.6	2	2.2	2.4	2.2	2.7	2.9	2.1	2.5	2.6		1.8	2.2			2.1	220
225				2.3	2.4		1.8	2	2.1	1.9	2.4	2.6		2.3	2.4		1.8					225
230				2.1	2.3			1.9	1.9		2	2.2		1.9	2.2							230
235				2	2.1										1.8							235
240					1.9																	240

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# Lifting capacities Forces de levage

TVNZK



Jib Length (ft)	42 ft + 46 ft			156 ft + 46 ft			166 ft + 46 ft			170 ft + 46 ft			180 ft + 46 ft			184 ft + 46 ft			194 ft + 46 ft			197 ft + 46 ft			Jib Length (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°	
14	8.9																							14	
15	8.9																							15	
16	8.9																							16	
17	8.9																							17	
18	8.9																							18	
19	8.9																							19	
20	8.9																							20	
22	8.9																							22	
24	8.8	8.8																						24	
26	8.7	8.8																						26	
28	8.6	8.8																						28	
30	8.6	8.8																						30	
32	8.5	8.7																						32	
34	8.3	8.5	8.2																					34	
36	8.1	8.3	8.2																					36	
38	7.9	8.1	8.2																					38	
40	7.7	7.9	8.1	8.9																				40	
45	7.2	7.4	7.5	8.9			7.8			8														45	
50	6.8	6.9	7	8.9			7.8			7.9			6.9			6.9								50	
55	6.3	6.4	6.6	8.8	8.8		7.7			7.9			6.9			6.9			6			5.8		55	
60	5.9	6	6.2	8.7	8.6		7.7	7.8		7.9	7.9		6.9			6.9			6			5.8		60	
65	5.6	5.7	5.8	8.6	8.4	8.1	7.6	7.7		7.8	7.9		6.8	6.9		6.9	6.9		6	6		5.8		65	
70	5.3	5.4	5.5	8.4	8.1	7.8	7.6	7.5	7.3	7.7	7.7	7.6	6.8	6.9		6.8	6.9		6	6		5.8	5.8	70	
75	5	5	5.1	8.1	7.8	7.6	7.4	7.2	7.1	7.3	7.6	7.4	6.7	6.9	6.8	6	6.9	6.9	5.5	6		5.3	5.8	75	
80	4.6	4.8	4.9	7.3	7.6	7.3	7	7	6.9	6.2	7.3	7.1	5.8	6.7	6.6	4.9	6.2	6.8	4.5	5.8	6	4.2	5.5	5.8	80
85	4.2	4.5	4.6	6.3	7.2	7.1	5.9	6.7	6.7	5.2	6.4	6.9	4.8	6	6.4	3.9	5.2	6.3	3.5	4.8	5.7	3.3	4.6	5.6	85
90	3.8	4.1	4.3	5.3	6.4	6.9	4.9	6.1	6.4	4.2	5.4	6.4	3.9	5	5.9	2.7	4.2	5.2		3.9	4.9		3.7	4.7	90
95	3.5	3.7	3.9	4.4	5.5	6.2	4	5.1	6	3.3	4.5	5.4	3	4.2	5		3.3	4.3		3	4		2.8	3.8	95
100	3.1	3.3	3.4	3.5	4.5	5.4	3.2	4.3	5.1	2.3	3.6	4.5	1.9	3.4	4.2		2.2	3.4			3.1		2.9	100	
105	2.8	3	3	2.7	3.7	4.5	2.3	3.4	4.2		2.8	3.6		2.4	3.4		2.4						2	105	
110	2.6	2.7	3	1.8	3	3.7		2.7	3.4		1.8	2.8			2.6									110	
115	2.4				2.2	2.9		1.8	2.7			2												115	
120					2.2				1.9															120	

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# Lifting capacities Forces de levage

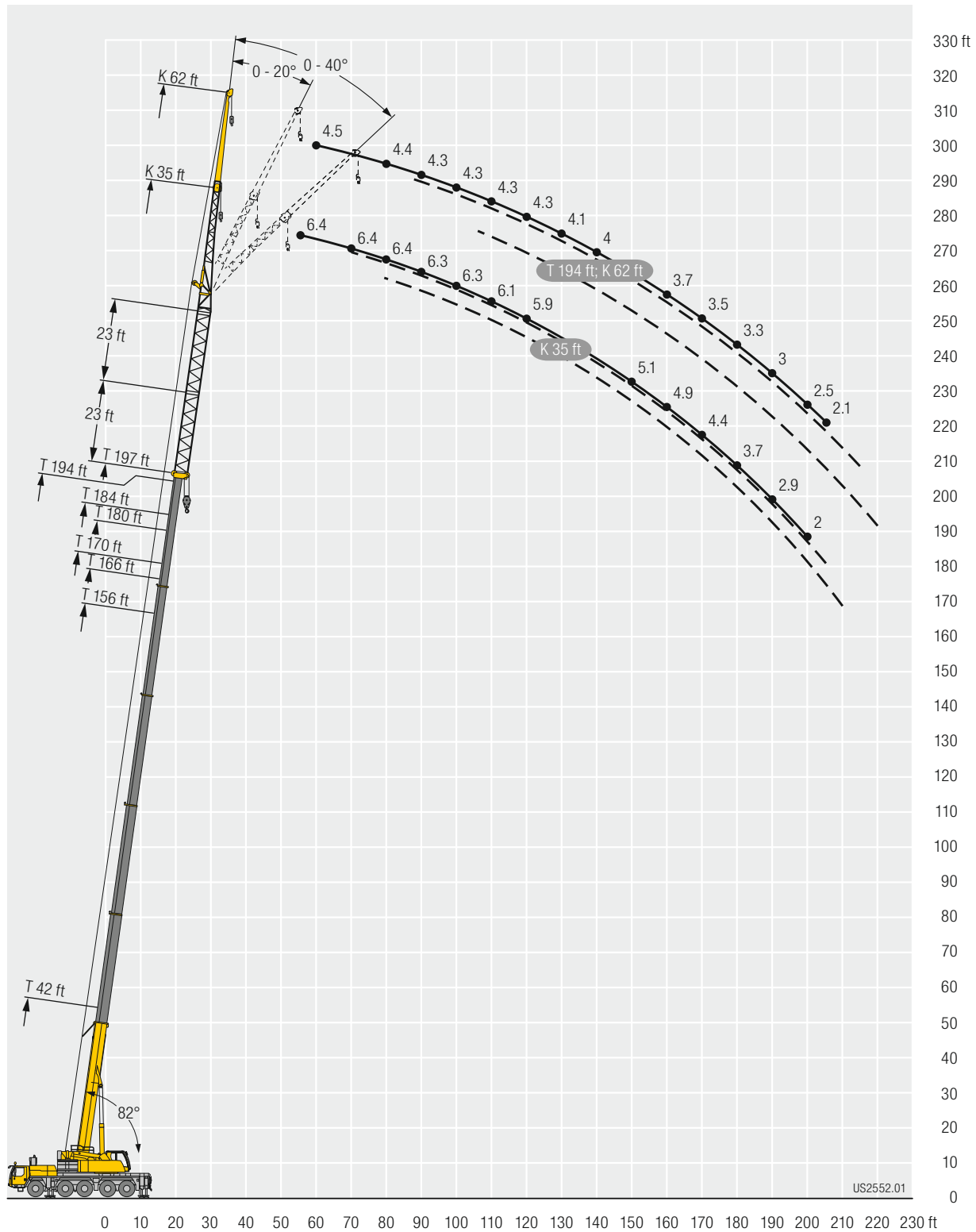
TVNZK



Jib ↙ ↘	42 ft + 46 ft			156 ft + 46 ft			166 ft + 46 ft			170 ft + 46 ft			180 ft + 46 ft			184 ft + 46 ft			194 ft + 46 ft			Jib ↙ ↘
	62 ft																					
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
18	6																					18
19	6																					19
20	6																					20
22	6																					22
24	6																					24
26	6																					26
28	6																					28
30	6																					30
32	5.9																					32
34	5.9																					34
36	5.8																					36
38	5.8																					38
40	5.8	6																				40
45	5.6	6																				45
50	5.6	5.8		6			5.3			5.3												50
55	5.3	5.5	5.3	6			5.3			5.3			4.6			4.7						55
60	5	5.2	5.3	5.9			5.2			5.3			4.7			4.7			3.9			60
65	4.7	4.9	5.1	5.9			5.2			5.3			4.6			4.7			4			65
70	4.4	4.6	4.8	5.9			5.2			5.3			4.6			4.6			4			70
75	4.2	4.4	4.6	5.8	5.9		5.2			5.3			4.6			4.6			4			75
80	4	4.1	4.3	5.8	5.8		5.1	5.3		5.2	5.3		4.6	4.7		4.6	4.7		4			80
85	3.7	3.9	4.1	5.6	5.6		5.1	5.2		5.1	5.3		4.4	4.7		3.9	4.7		3.5	4.1		85
90	3.5	3.7	3.8	5.2	5.4	5.3	4.8	5.1		4.3	5.2		3.9	4.7		3.1	4.7			4.1		90
95	3.4	3.5	3.6	4.6	5.3	5.1	4.1	4.9	4.8	3.6	5.1	5	3.1	4.6			4.3			3.9		95
100	3.2	3.3	3.4	3.8	5.1	5	3.4	4.8	4.7	2.7	4.6	4.8	2.3	4.2	4.5		3.5	4.6		3.2		100
105	3	3.1	3.3	3	4.6	4.8	2.7	4.4	4.5	1.8	3.9	4.7		3.5	4.4		2.8	4.3		2.4	4	105
110	2.8	3	3.1	2.3	4	4.6	1.8	3.7	4.4		3.2	4.4		2.8	4.2		1.9	3.6			3.3	110
115	2.6	2.8	3		3.4	4.5		3	4.2		2.4	3.8		2	3.5			2.9			2.6	115
120	2.3	2.6	2.8		2.6	3.9		2.3	3.6			3.1			2.9			2.2				120
125	2.3	2.4	2.5		1.9	3.3			3			2.5			2.2							125
130	2.3	2.3	2.1			2.6			2.3													130
135	2.3	2.3	1.9			1.9																135
140	2.3	2.3																				140

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# Lifting heights Hauteurs de levage



# Lifting capacities Forces de levage

TK



	42 ft	56 ft	70 ft	84 ft	99 ft	113 ft	127 ft	141 ft	156 ft	166 ft	170 ft	180 ft	184 ft	197 ft	
	9.5 ft														
12	76.2	76.2	76.2												12
13	76.2	76.2	76.2												13
14	76.2	76.2	76.2												14
15	76.2	76.2	76.2	76.2											15
16	76.2	76.2	76.2	76.2	76.2										16
17	76.2	76.2	76.2	76.2	76.2	76.2									17
18	76.2	76.2	76.2	76.2	76.2	76.2									18
19	76.2	76.2	76.2	76.2	76.2	76.2									19
20	76.2	76.2	76.2	76.2	76.2	76.2	76.2								20
22	76.2	76.2	76.2	76.2	76.2	76.2	76.2								22
24	76.2	76.2	76.2	76.2	76.2	76.2	67.4								24
26	76.2	76.2	76.2	76.2	76.2	76.2	66.5								26
28	76.2	76.2	76.2	76.2	76.2	76.2	65.5	52.2							28
30	76.2	76.2	76.2	76.2	76.2	76.2	64.4	51.6							30
32	76.2	76.2	76.2	76.2	76.2	73.2	63.2	50.9	38.7						32
34	75.9	76.2	76.2	76.2	76.2	70.5	61.8	50.2	38.7						34
36	73.9	76.2	76.2	76.2	76.2	67.8	60.2	49.5	38.7	30	34				36
38	69.8	76.2	76.2	76.2	76.2	65.2	58.5	48.7	38.7	29.6	33.7	26			38
40	65.4	76.2	76.2	75.3	73.6	63.2	56.6	47.6	38.7	29.1	33.5	26	26.7		40
45		69.2	69.4	68.8	66.3	59.7	51.9	44.6	37.6	27.6	32.4	25.8	26.6	19.5	45
50		60.4	60.6	60	58.2	56.5	48.1	41.3	35.7	26.1	30.9	25.1	26	19.5	50
55		52.5	53.6	53	51.5	51.1	44.5	38.5	33.5	24.7	29.2	24	25.1	19.5	55
60			47.6	47	48	45.6	41.2	35.8	31.5	23.3	27.7	22.9	24	19.5	60
65			42.5	43.2	43.1	41	38.2	33.3	29.5	22	26.2	21.8	22.9	19.1	65
70			37.7	39.5	38.7	37	34.6	31.2	27.6	20.8	24.9	20.7	21.7	18.4	70
75				35.7	35	33.6	31.9	29.2	25.9	19.6	23.5	19.7	20.7	17.8	75
80				32.5	31.8	30.6	29.4	27.3	24.4	18.4	22.3	18.6	19.7	17.1	80
85				27.4	29	27.8	27.8	25.1	22.9	17.3	21	17.7	18.8	16.4	85
90					26.5	25.3	26.2	22.9	21.6	16.2	19.8	16.7	17.9	15.7	90
95					24.3	23.9	24	21.6	20.4	15.3	18.7	15.8	17.1	15	95
100					20.1	22.9	22.1	20.3	19	14.4	17.7	15	16.3	14.2	100
105						21.4	20.3	18.8	17.4	13.6	16.7	14.2	15.5	13.5	105
110						19.8	18.6	17.8	16.2	12.8	15.8	13.5	14.7	12.8	110
115						13	17.1	17.1	15.4	12.1	14.8	12.8	14	12.2	115
120							15.8	16.1	14.7	11.4	13.7	12.2	13.3	11.5	120
125							14.9	14.9	13.9	10.8	12.6	11.6	12.6	10.9	125
130								13.7	13.3	10.2	12.1	11	11.8	10.3	130
135								12.7	12.6	9.7	11.5	10.5	11	9.8	135
140								11.5	11.7	9.2	11	10	10.2	9.3	140
145									10.8	8.8	10.3	9.6	9.3	8.9	145
150									10	8.4	9.5	9.2	8.5	8.4	150
155									9	8.1	8.7	8.7	7.7	7.9	155
160										7.8	8	8.1	7	7.1	160
165										7.5	7.3	7.4	6.3	6.4	165
170											6.4	6.7	5.7	5.8	170
175												6.2	5.1	5.2	175
180												5.3	4.5	4.6	180
185													3.8	4	185
190														3.5	190
195														3.1	195

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# Lifting capacities Forces de levage

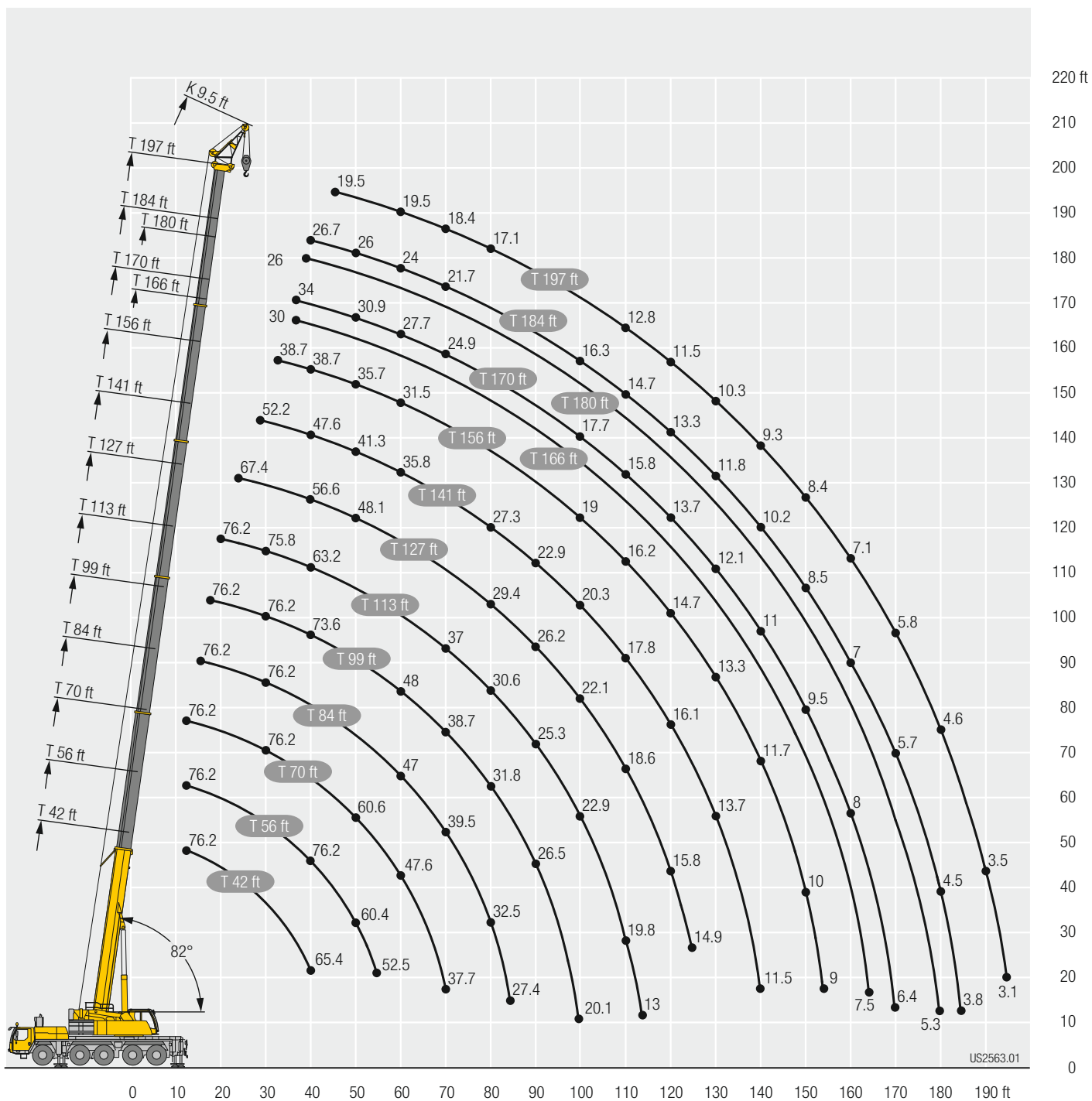
TK



	42 ft	56 ft	70 ft	84 ft	99 ft	113 ft	127 ft	141 ft	156 ft	166 ft	170 ft	180 ft	184 ft	197 ft	
	<b>9.5 ft</b>														
12	76.2	76.2	76.2												12
13	76.2	76.2	76.2												13
14	76.2	76.2	76.2												14
15	76.2	76.2	76.2	76.2											15
16	76.2	76.2	76.2	76.2											16
17	76.2	76.2	76.2	76.2	76.2										17
18	76.2	76.2	76.2	76.2	76.2										18
19	76.2	76.2	76.2	76.2	76.2										19
20	76.2	76.2	76.2	76.2	76.2	73.7									20
22	76.2	76.2	76.2	76.2	75.7	71.4									22
24	76.2	76.2	76.2	75	69.7	66.2	60.7								24
26	76.1	75.6	72.3	66.7	64.4	59.7	55.3								26
28	71.6	68.3	64.3	62.1	58	54.1	50	45.8							28
30	62.3	61.1	58.3	56.5	52.6	50	46.7	43.6							30
32	55	55.2	54.1	51.6	48.3	45.6	43.4	39.8	36.3						32
34	48.8	49.8	49.7	47.1	44.3	43.2	40	37.5	34.4						34
36	43.6	45.5	45.6	43.2	41.5	39.9	37.6	35.3	33	27.3	30.3				36
38	39.2	41.2	41.9	39.9	39.3	36.9	34.7	33	30.5	26.9	28.2	23.6			38
40	35.4	37.4	38.4	36.9	36.8	34.3	33.2	30.6	29.3	26.5	27.3	23.6	24.1		40
45		30.1	31	32.2	30.8	29.7	28.4	27.1	25.3	24.5	23.5	22.8	21.3	18.3	45
50		24.7	25.7	26.7	26.3	25.7	24.2	23.1	21.5	21	19.9	19.2	17.8	17.1	50
55		20.5	21.6	22.5	22.6	22.1	20.8	19.9	18.4	17.9	16.9	16.4	15	14.4	55
60			18.3	19.2	19.3	19.2	18	17.2	15.7	15.4	14.4	13.9	12.6	12.2	60
65			15.6	16.6	16.6	16.7	15.6	14.9	13.5	13.3	12.3	12	10.7	10.2	65
70			13.4	14.3	14.4	14.5	13.6	12.9	11.6	11.4	10.5	10.2	8.9	8.7	70
75				12.4	12.5	12.5	11.9	11.2	10	9.8	8.9	8.6	7.5	7.2	75
80				10.7	10.8	10.9	10.3	9.8	8.6	8.4	7.5	7.3	6.2	6	80
85				9.3	9.3	9.4	8.9	8.5	7.3	7.1	6.3	6.2	5	4.9	85
90					8	8.1	7.7	7.3	6.2	6.1	5.2	5.2	3.9	3.9	90
95					7	7	6.5	6.3	5.2	5.1	4.3	4.2	2.9	3	95
100					6	6.1	5.6	5.4	4.3	4.2	3.4	3.3			100
105						5.2	4.7	4.5	3.5	3.4	2.5	2.4			105
110						4.4	3.9	3.7	2.7	2.6					110
115						3.8	3.2	3							115
120							2.6	2.2							120

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# Lifting heights Hauteurs de levage





# Equipment Equipment

## Crane carrier

<b>Frame</b>	Liebherr designed and manufactured, box-type, torsion resistant design of hightensile fine grained structural steel.
<b>Outriggers</b>	4-point supporting system, hydraulically telescopic into horizontal and vertical direction. Operation with remote control, automatic support leveling, electronic inclination display.
<b>Engine</b>	6-cylinder Diesel, make Liebherr, watercooled, output 400 kW (544 h.p.), max. torque 1856 lbs-ft. Exhaust emissions acc. to (EU) 2016/1628, EPA/CARB or ECE-R.96. Fuel reservoir: 127 gallons.
<b>Transmission</b>	ZF 12-speed gear box with automatic control system. ZF-intarder fitted directly to the gear. Two-stage transfer case with lockable transfer differential.
<b>Axles</b>	Low maintenance carrier axles, all 5 axles steered. Axle 2, 4 and 5 are equipped with planetary gears, all driven axles with transverse differential locks, axle 4 with longitudinal differential lock.
<b>Cardan shaft</b>	All cardan shafts with 70° diagonal toothing and maintenance free.
<b>Suspension</b>	All axles are mounted on hydropneumatic suspension – “Niveaumatik suspension” and are lockable hydraulically.
<b>Tyres</b>	10 tyres, size: 445/95 R 25 (16.00 R 25).
<b>Steering</b>	2-circuit system with hydraulic servo steering. Active speed depending rear axle steering, special steering programs for various driving situations.
<b>Brakes</b>	Service brake: all-wheel servo-air brake, all axles are equipped with disc brakes, dual circuit. Parking brake: Spring brake actuator, acting on the wheels of the 2nd to 5th axle. Sustained-action brakes: Engine brake as exhaust retarder with Liebherr additional brake system ZBS. Intarder on gear.
<b>Driver's cab</b>	Spacious corrosion resistant with comfort furnishings, mounted on rubber shock absorbers, safety glazing.
<b>Electrical system</b>	Modern data bus technique, 24 Volt DC, 2 batteries of 170 Ah each.

## Crane superstructure

<b>Frame</b>	Liebherr-manufactured, torsionally rigid steel construction made from high-tensile fine-grain steel. Triple-roller slewing rim.
<b>Crane engine</b>	4-cylinder Diesel, make Liebherr, watercooled, output 129 kW (175 h.p.), max. torque 908 lbs-ft. Exhaust emissions acc. to 97/68/EG, EPA/CARB, ECE-R.96. Fuel reservoir: 66 gallons.
<b>Crane drive</b>	Diesel-hydraulic, with 2 axial piston variable displacement pumps, with servo-control and capacity control, 1 double gear pump, open controlled oil circuits.
<b>Control</b>	Electric “Load Sensing” control, simultaneous operation of 4 working motions, 2 self-centering hand control levers (joy-stick type).
<b>Hoist gear</b>	Axial piston fixed displacement motor, Liebherr hoist drum with integrated planetary gear and spring-loaded static brake.
<b>Luffing gear</b>	1 differential ram with pilot-controlled brake valve.
<b>Slewing gear</b>	Axial piston fixed displacement motor, planetary gear, spring-loaded static brake. Slewing gear invertible from released to locked as a standard feature.
<b>Crane cab</b>	Large screen area, compound glass, comfort furnishing, cabin tilttable 20° to rear.

<b>Safety devices</b>	LICCON2 safe load indicator, test system hoist limit switch, safety valves to prevent pipe and hose ruptures.
<b>Telescopic boom</b>	1 base section and 5 telescopic sections. All telescopic sections hydraulically extendable independent of one another. Rapid-cycle telescoping system TELEMATIK. Boom length: 42 ft – 197 ft.
<b>Counterweight</b>	64,600 lbs
<b>Electrical system</b>	Modern data bus technique, 24 Volt DC, 2 batteries of 170 Ah each.

## Operating modes

<b>K</b>	Erection jib 9.5 ft Double swing-away jib 35 ft – 62 ft Adjustment 0°, 20°, 40°
<b>NZK</b>	Hydraulically adjustable swing-away jib 35 ft – 62 ft Hydraulically adjustment 0° – 40°
<b>V</b>	Telescopic boom extension 2 x 23 ft

## Additional equipment

<b>2<sup>nd</sup> hoist gear</b>	For two-hook operation or for operation with swing-away jib if the hoist rope shall remain reeved.
<b>Additional counterweight</b>	28,000 lbs for a total counterweight of 92,600 lbs.
<b>Tyres</b>	10 tyres, size and 525/80 R 25 (20.5 R 25).
<b>Drive 10 x 8</b>	Additional drive of the 1st axle.
<b>Lift cab</b>	Telescopic crane cab offers best visibility and high safety. Eye level 26.6 ft.

Other items of equipment available on request.

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

# Equipment Équipement

## Châssis porteur

<b>Cadre</b>	Fabrication Liebherr, construction en caisson indéformable, en acier à haute résistance à grains fins.
<b>Calage</b>	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.
<b>Moteur</b>	Moteur diesel, 6 cylindres, fabriqué par Liebherr, à refroidissement par eau, de 400 kW (544 ch), couple max. 1856 lbs-ft. Émissions des gaz d'échappement conformes au directive (EU) 2016/1628, EPA/CARB ou ECE-R.96. Capacité du réservoir à carburant: 127 gallons.
<b>Boîte de vitesse</b>	Boîte de vitesses ZF à 12 rapports, mécanisme automatisé à commande. Ralentisseur hydrodynamique ZF directement accouplé à la boîte. Boîte de transfert à 2 étages avec blocage de différentiel.
<b>Essieux</b>	Essieux nécessitant peu d'entretien, les 5 essieux sont directeurs. Les essieux 2, 4 et 5 sont des essieux planétaires, tous les essieux moteurs avec différentiel transversal et l'essieu 4 avec différentiel longitudinal.
<b>Arbres articulés</b>	Tous les flasques de croisillons avec denture en croix 70° et sans entretien.
<b>Suspension</b>	Suspension hydropneumatique «Niveaumatik» – sur tous les essieux. Chaque essieu peut être bloqué hydrauliquement.
<b>Pneumatiques</b>	10 pneus de taille: 445/95 R 25 (16.00 R 25).
<b>Direction</b>	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.
<b>Freins</b>	Freins de service: servofrein à air comprimé, tous les essieux sont munis de freins à disque, à 2 circuits. Frein à main: ressort accumulé agissant sur les roues des essieux 2 à 5. Freins continus: frein moteur par clapet sur échappement avec système de ralentissement Liebherr ZBS. Ralentisseur hydrodynamique accouplé à la boîte de vitesses.
<b>Cabine</b>	Spacieuse cabine, traitement anticorrosion, équipement «grand confort», suspension par silentbloks, vitrage de sécurité.
<b>Installation électrique</b>	Technique moderne de transmission de données par BUS de données, courant continu 24 Volts, 2 batteries de 170 Ah chacune.

## Partie tournante

<b>Cadre</b>	Fabrication Liebherr, construction soudée indéformable, en acier à grain fin haute résistance. Couronne d'orientation à triple rangée de rouleaux.
<b>Moteur</b>	Moteur diesel Liebherr, 4 cylindres, à refroidissement par eau, de 129 kW (175 ch), couple max. 908 lbs-ft. Émissions des gaz d'échappement conformes aux directives 97/68/EG, EPA/CARB, ECE-R.96. Capacité du réservoir à carburant: 66 gallons.
<b>Entraînement</b>	Diesel hydraulique avec 2 pompes à débit variable à pistons axiaux, servocommande et régulation de la puissance, 1 double pompe à engrenages, circuits hydrauliques ouverts et régulés.
<b>Commande</b>	Direction électrique «Load Sensing», 4 mouvements de travail dirigeable simultanément, deux leviers de commande à 4 positions et à autocentrage.

<b>Mécanisme de levage</b>	Moteur à cylindrée constante et à pistons axiaux. Treuil de marque Liebherr équipé d'un engrenage planétaire et d'un frein d'arrêt commandé par ressort.
<b>Mécanisme de relevage</b>	1 vérin différentiel avec clapet de frein commandé.
<b>Dispositif de rotation</b>	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).
<b>Cabine de grue</b>	Large champ de vision, vitrage de sécurité, équipement pour un confort idéal, cabine inclinable de 20° vers l'arrière.
<b>Dispositif de sécurité</b>	Contrôleur de charge «LICCON2», système test limitation de la course pour le levage, soupape de sûreté contre la rupture de tubes et de tuyaux.
<b>Flèche télescopique</b>	1 élément de base et 5 éléments télescopiques. Tous les éléments télescopiques indépendamment les uns des autres. Système de télescopage séquentiel rapide, TELEMATIK. Longueur de flèche: 42 ft – 197 ft.
<b>Contrepoids</b>	64,600 lbs
<b>Installation électrique</b>	Technique moderne de transmission de données par BUS de données. Courant continu 24 Volts, 2 batteries de 170 Ah chacune.

## Modes de fonctionnement

<b>K</b>	Fléchette de montage 9,5 ft Double fléchette pliante 35 ft – 62 ft Positionnement à 0°, 20°, 40°
<b>NZK</b>	Fléchette pliante à positionnement hydraulique 35 ft – 62 ft Positionnement hydraulique à 0° – 40°
<b>V</b>	Rallonge flèche télescopique 2 x 23 ft

## Équipement supplémentaire

<b>2ème mécanisme de levage</b>	Pour l'utilisation du deuxième crochet, ou bien pour une utilisation avec fléchette pliante lorsque le câble de levage principal rest mouflé.
<b>Contrepoids additionnel</b>	28,000 lbs pour un contrepois total de 92,600 lbs.
<b>Pneumatiques</b>	10 pneus. Taille: 525/80 R 25 (20.5 R 25).
<b>Entraînement 10 x 8</b>	Essieu 1 est entraîné additionnellement.
<b>Cabine élévatrice</b>	La cabine de grue télescopable offre un meilleur champ de vision et une sécurité accrue, hauteur des yeux 26.6 ft.
































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

	Max. capacity Capacité max.		infinitely variable en continu
	Max. lifting capacity Capacité max.		Rope diameter Diamètre
	Max. radius Portée max.		Rope length Longueur du câble
	Tyres Pneumatiques		Max. single line pull Effort au brin maxi.
	Hookblock / Capacity Moufle à crochet / Capacité de charge		Hoist gear Treuil de levage
	No. of sheaves Poulies		Slewing speeds Vitesses d'orientation
	No. of lines Brins		Boom length Longueur de la flèche
	Weight Poids		Boom position Position de la flèche
	Crane carrier Châssis porteur		Counterweight Contrepoids
	Driving speed Vitesse de translation		Axle Essieu
	Gradability Aptitude à gravir les pentes		Page Page
	Transmission Boîte de vitesse		Outriggers Calage
	Gear Vitesse		Slewing gear / Working area Mécanisme d'orientation / Plage de travail
	Driving speed – Onroad gear Vitesse de translation – Vitesse de route		Standard Norme
	Driving speed – Crawl speed Vitesse de translation – Marche lente		Radius Portée
	Crane superstructure Partie tournante de la grue		

# Description of symbols Explication des symboles

## Crane specific symbols/ Symboles spécifiques à la grue



Telescopic boom  
Flèche télescopique



Swing away jib  
Fléchette pliante



Telescopic boom extension  
Rallonge flèche télescopique



Hydraulic swing away jib  
Fléchette pliante hydraulique



Erection jib  
Fléchette de montage

## Remarks

1. The lifting capacities do not exceed 85 % of the tipping load according to ASME B 30.5. The crane's structural steelwork is in accordance with EN 13000 and ASME B 30.5.
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<sup>2</sup> 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 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 only apply if the folding jib is taken off.
7. Lifting capacities above 182,100 lbs/242,500 lbs only with additional pulley block.
8. 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. La capacité de charge ne doit pas dépasser 85 % de la charge de basculement conformément à ASME B 30.5. La structure métallique de la grue est conforme à EN 13000 et ASME B 30.5.
2. Une vitesse de vent de 30 ft/s (9 m/s, 20 mph) minimum, une surface de prise au vent de 1 m<sup>2</sup> 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. Les poids des moufles et crochets doit être soustrait des charges indiquées.
5. Les portées sont calculées à partir de l'axe de rotation.
6. Les forces indiquées pour la flèche télescopique s'entendent fléchette déployable déposée.
7. Forces de levage plus de 182,100 lbs/242,500 lbs seulement avec moufle additionnel.
8. 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