



360 Ust



295 ft



308 ft



394 ft

**NEW**

# Reaching new heights

**LTM 1300-6.4**

Mobile crane  
Grue mobile

**LIEBHERR**

Mobile and crawler cranes



# Technical data

## Caractéristique technique

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<b>Dimensions</b>	
Encombrement .....	3
<b>Mobile crane</b>	
Grue mobile .....	4-7
<b>Crane data</b>	
Dates de la grue .....	8
<b>VarioBallast Counterweight radius</b>	
Rayon de contrepoids .....	9
<b>Counterweight</b>	
Contrepoids .....	9
<b>On-road driving</b>	
Déplacement sur route .....	10
<b>Jobsite driving</b>	
Déplacement sur chantier .....	10
<b>Boom/jib combinations</b>	
Configurations de flèche .....	11-14
<b>T</b> .....	15-20
<b>TK/TNZK</b> .....	21-25
<b>TVK/TVNZK</b> .....	26-35
<b>TS</b> .....	36-43
<b>TNZF</b> .....	44-56
<b>Equipment</b>	
Equipement .....	57-58
<b>Description of symbols</b>	
Explication des symboles .....	59
<b>Remarks</b>	
Remarques .....	60



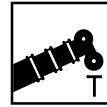
# LTM 1300-6.4

LICCON

The third generation LICCON control system features the same time-tested operation as previous generations and adds a fast data bus, significantly more storage space and greater computing power. LICCON3 cranes are prepared for telemetry and fleet management.

La troisième génération de la commande LICCON est basée sur la commande éprouvée et marque des points avec un bus de données plus rapide, un espace de stockage nettement plus grand et une puissance de calcul plus importante. Les grues LICCON3 sont préparées pour la télémétrie et la gestion de flotte.

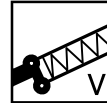




295 ft



38 ft – 66 ft



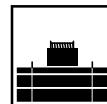
2 x 23 ft



13 ft – 128 ft



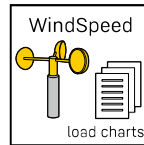
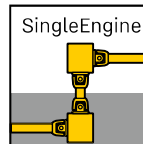
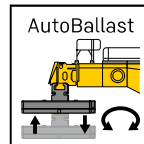
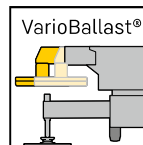
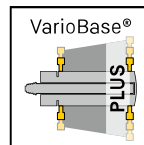
26 ft – 141 ft



194,000 lb



455 kW (619 h.p.)



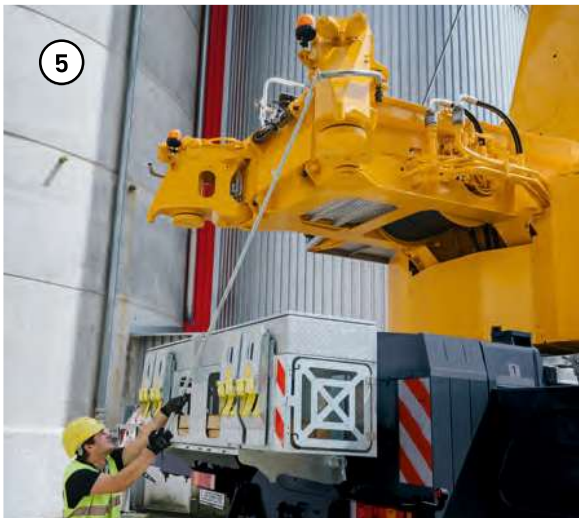
# LTM 1300-6.4



**1** **Powerful hoist winches – 27,425 lb rope pull for fast, powerful hoisting**  
Treils de levage robustes – 27,425 lb traction par câble pour des levages rapides et puissants

**2** **Permanently well lubricated – central lubrication system in the crane's superstructure (standard) and chassis (option).**  
Une lubrification toujours parfaite – Lubrification centralisée dans la tourelle de la grue (série) et dans le châssis de la grue (option).

**3** **Well designed ballast distribution – fast ballasting requiring just a few hoists and 92,600 lb of ballast within the vehicle width**  
Répartition bien pensée du lestage – Lestage rapide en quelques levages, ainsi que 92,600 lb de lestage dans la largeur du véhicule



**4** Spacious cabins with lots of useful trays and storage compartments.  
Cabines avec de nombreuses tablettes et de nombreux compartiments de rangement utiles.





**5** VarioBallast® – Higher lifting capacities and greater economy for working with a large radius. Smaller footprint for a smaller radius.  
VarioBallast® – Capacités de charge et rentabilité plus élevées avec un grand rayon. Encombrement plus réduit pour un petit rayon.

**6** Lightweight – Around 1,100 lb weight reduction from the use of 16,00 R 25 aluminium rims (option)  
Poids léger – Réduction du poids d'environ 1,100 lb grâce aux jantes en aluminium 16.00 R 25 (option)









# Crane data

## Dates de la grue

### Hook block - Moufles à crochet

			
374,700 lb	9	16	4,200 lb
343,250 lb	7	14	3,750 lb
275,800 lb	5	11	3,525 lb
180,800 lb	3	7	2,750 lb / 2,200 lb
79,800 lb	1	3	2,200 lb / 1,100 lb
26,900 lb	-	1	1,100 lb

### Crane carrier - Châssis porteur









	 min.	 max.	 %		
445/95 R 25 (16.00 R 25)	1.3	53	37.2%		12 / R2
525/80 R 25 (20.5 R 25)	1.3	53	37.2%		4 / R2

Theoretical gradeability - aptitude théorique en pente

### Max. supporting forces - Forces d'appui max.

		
F <sub>max</sub>	216,000 lb	271,000 lb

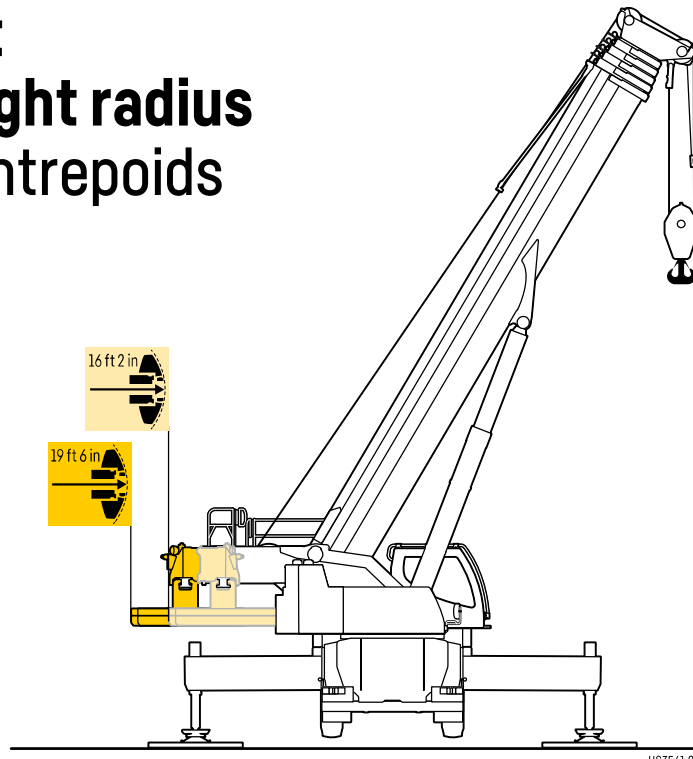
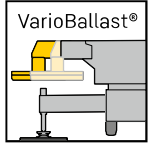
### Crane superstructure - Partie tournante

				
1	0 - 381 ft/min single line - au brin simple	23 mm	1017 ft	27,425 lb
2	0 - 381 ft/min single line - au brin simple	23 mm	919 ft	27,425 lb
	0 - 1.5 rpm			
	approx. 75 seconds to reach 83° boom angle env. 75 s jusqu'à 83°			
	approx. 750 seconds for boom extension from 48 ft - 295 ft env. 750 s pour passer de 48 ft - 295 ft			

# VarioBallast

## Counterweight radius

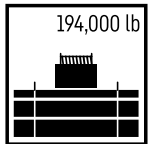
## Rayon de contrepoids



US3541.01

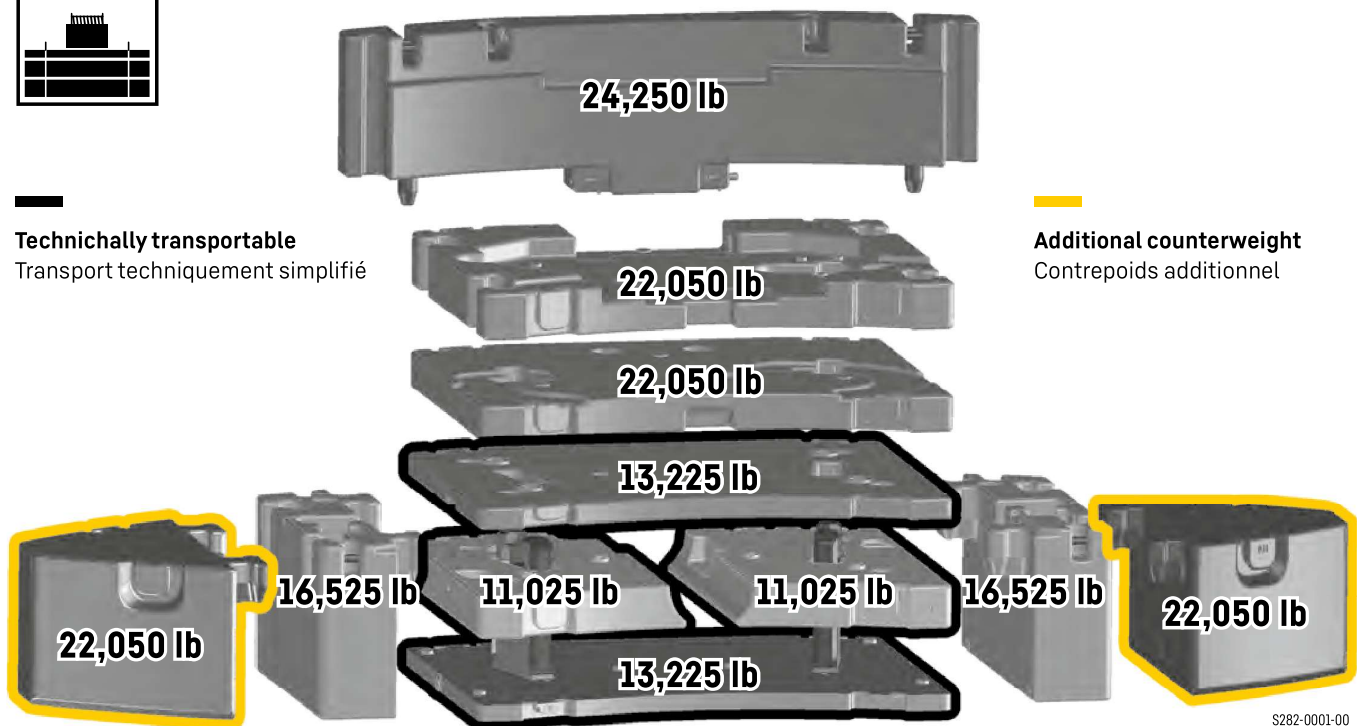
# Counterweight

## Contrepoids



**Technically transportable**  
Transport technique simplifié

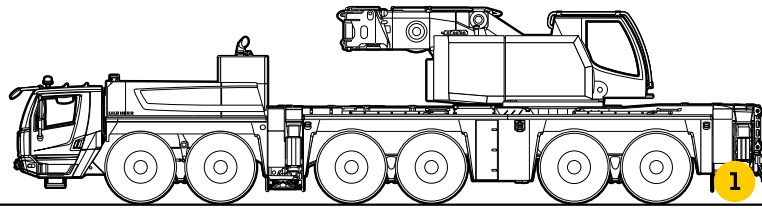
**Additional counterweight**  
Contrepoids additionnel



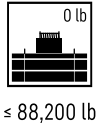
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# On-road driving

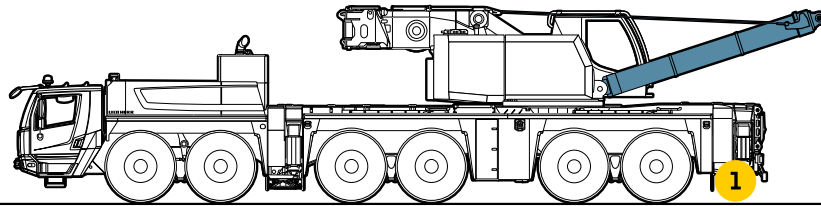
## Déplacement sur route



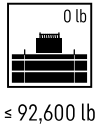
≤ 13,225 lb      ≤ 16,525 lb      ≤ 16,525 lb  
 ≤ 13,225 lb      ≤ 16,525 lb      ≤ 16,525 lb



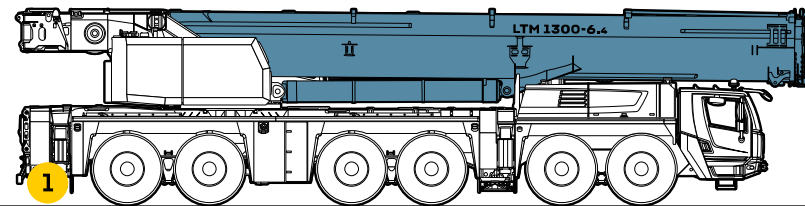
≤ 88,200 lb



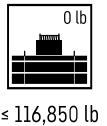
≤ 12,125 lb      ≤ 17,650 lb      ≤ 17,650 lb  
 ≤ 12,125 lb      ≤ 17,650 lb      ≤ 17,650 lb



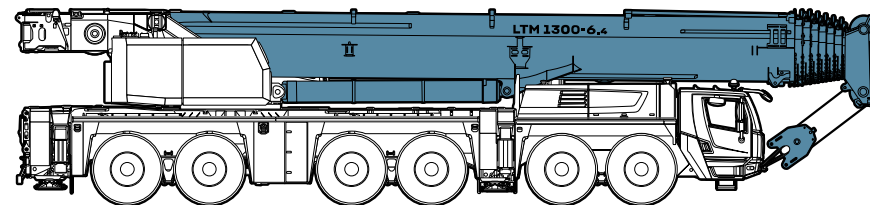
≤ 92,600 lb



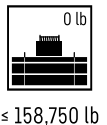
≤ 22,050 lb      ≤ 22,050 lb      ≤ 16,525 lb  
 ≤ 22,050 lb      ≤ 22,050 lb      ≤ 16,525 lb



≤ 116,850 lb



≤ 26,450 lb      ≤ 26,450 lb      ≤ 26,450 lb  
 ≤ 26,450 lb      ≤ 26,450 lb      ≤ 26,450 lb

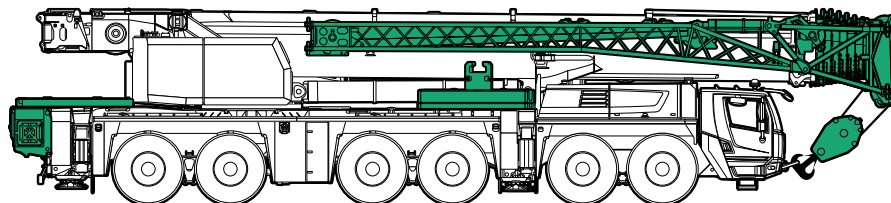


≤ 158,750 lb

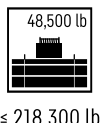
**1** Note:  
 without rear  
 outriggers  
 Note:  
 sans poutres  
 coulissantes arrière

# Jobsite driving

## Déplacement sur chantier



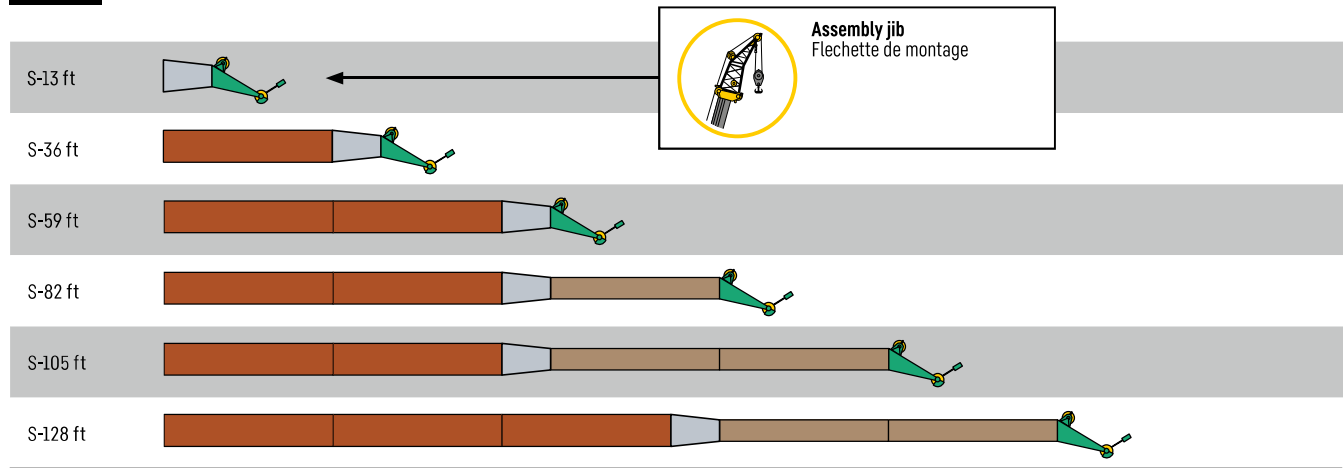
≤ 36,400 lb      ≤ 36,400 lb      ≤ 36,400 lb  
 ≤ 36,400 lb      ≤ 36,400 lb      ≤ 36,400 lb



≤ 218,300 lb

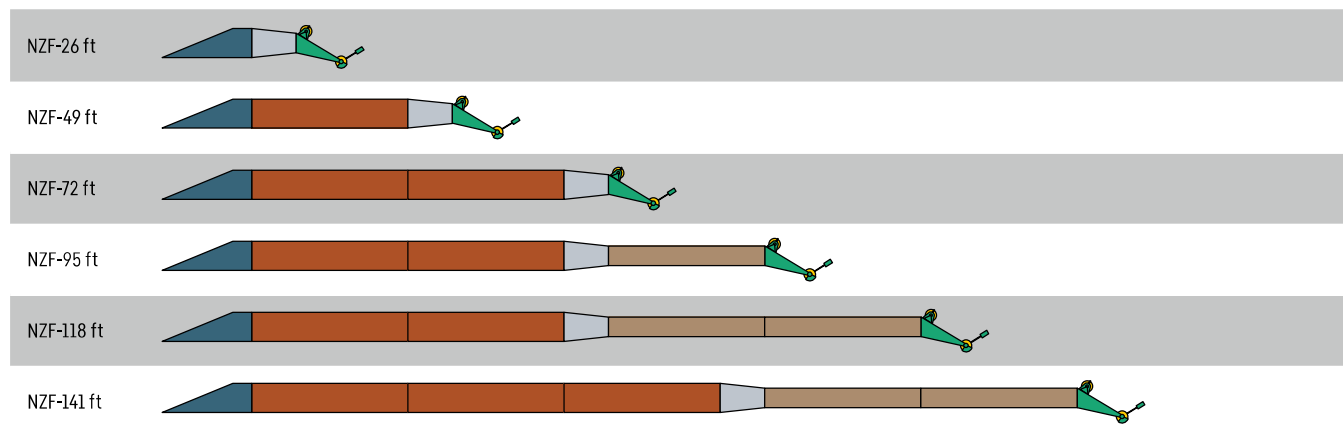
# Boom/jib combinations – Strong jib

## Configurations de flèche – Flechette particulièrement puissante



# Boom/jib combinations – Hydraulically adjustable fixed lattice jib

## Configurations de flèche – Fléchette treillis fixe réglable hydrauliquement



13 ft TF-adapter · TF-adaptateur



23 ft Telescopic boom extension · Rallonge flèche télescopique



6 ft 7 in F reduction section · Élément réducteur F



23 ft Swing away jib extension · Rallonge flechette pliante



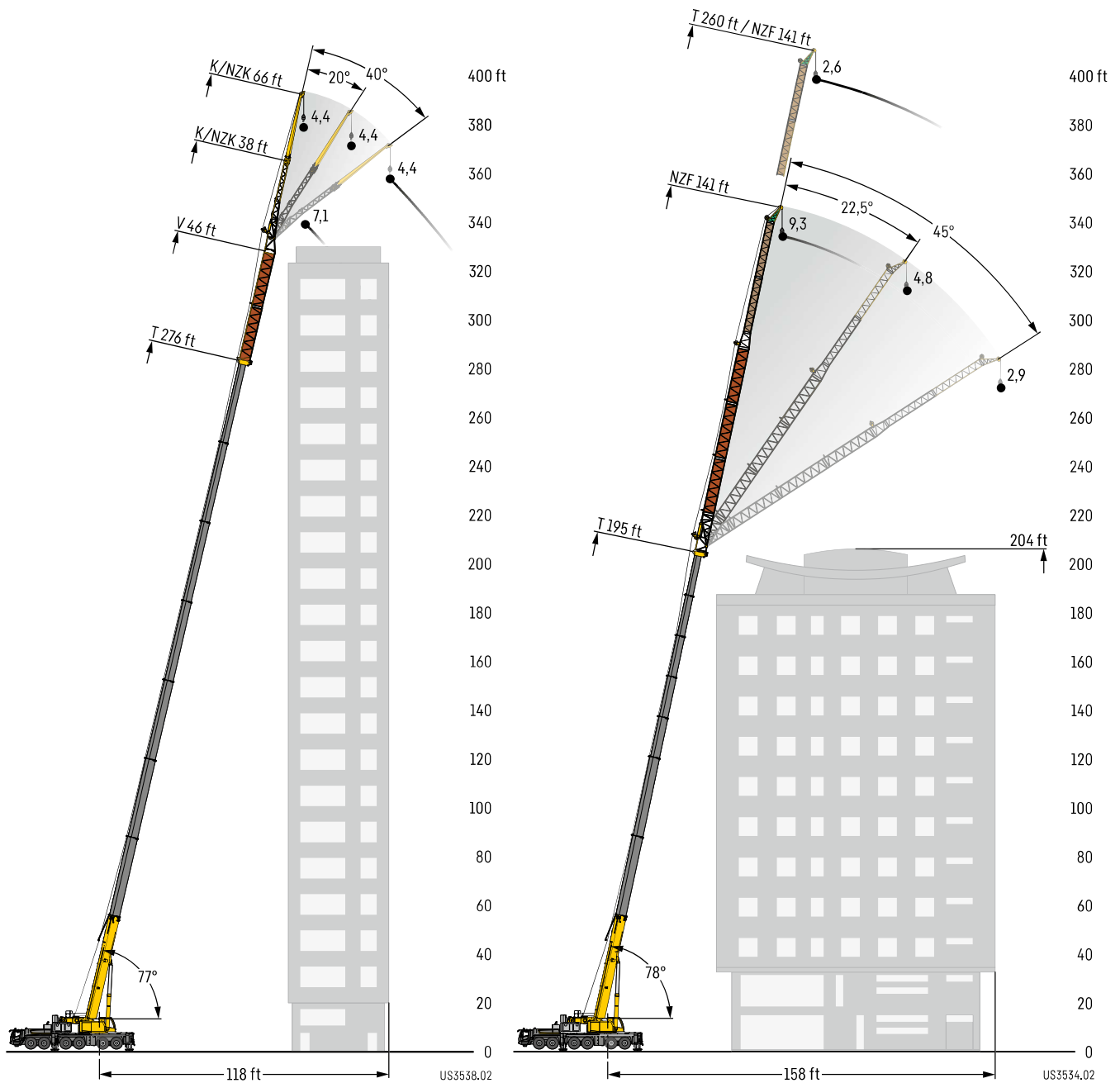
6 ft 7 in F head section · Élément de tête F

# Variable boom systems

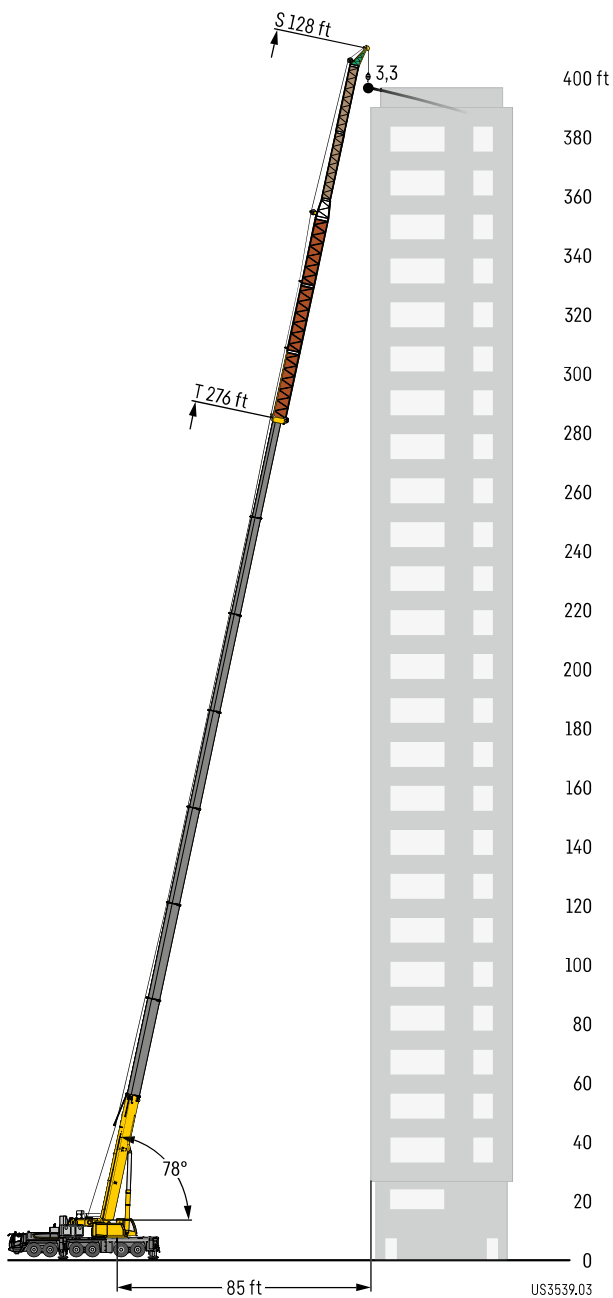
## Systèmes de flèche variables

**TVK**  
**TVNZK**

**TNZF**



**TS**



**TVK  
TVNZK**

**K** 38 ft - 66 ft  
0°; 20°; 40°

**NZK** 38 ft - 66 ft  
0° - 40°

**V** 2 x 23 ft

**66 ft double swing away jib. can technically be carried on crane**

Double fléchette pliante de 66 ft avec maintien à demeure sur la grue

**TNZF TS**

**NZF** 26 ft - 141 ft  
0° - 45°

**S** 13 ft - 128 ft  
0°

**Fixed jib contains strong jib**

Fléchette fixe avec fléchette robuste

**TS**

**S** 13 ft - 128 ft  
0°

**Strong system for steep working positions**

Système puissant pour les positions de travail les plus raides

23 ft Telescopic boom extension - Rallonge flèche télescopique

23 ft Swing away jib extension - Rallonge flechette pliante

# Boom/jib combinations

## Configurations de flèche

**T** Telescopic boom  
Flèche télescopique

**K/NZK** Mechanically/hydraulically adjustable folding jib  
Pointe pliante réglable mécaniquement/hydrauliquement

**V** Telescopic boom extension  
Rallonge de flèche télescopique

**S** Strong jib  
Fléchette particulièrement puissante

**NZF** Hydraulically adjustable fixed lattice jib  
Fléchette treillis fixe réglable hydrauliquement

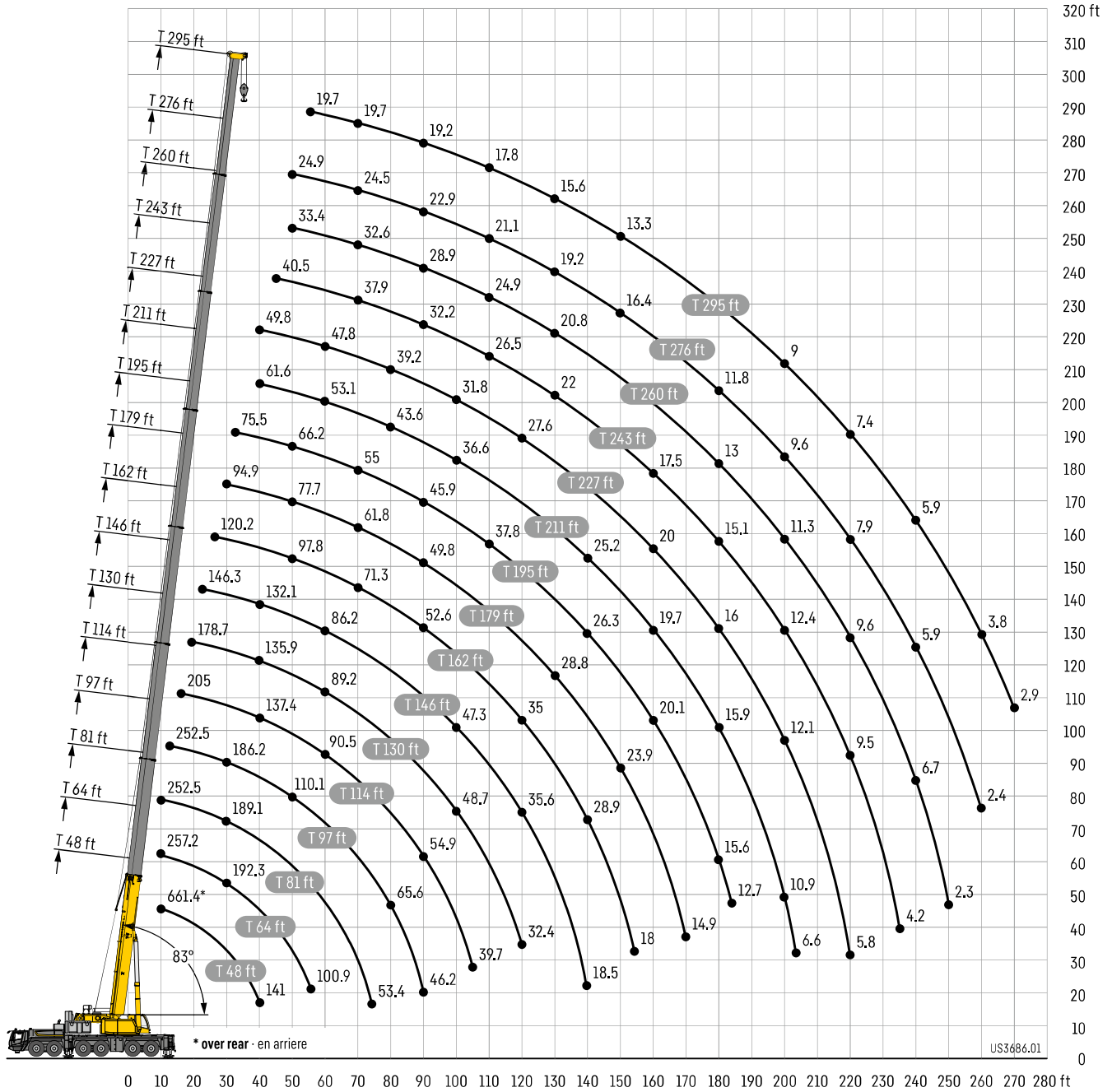


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# Lifting heights

## Hauteurs de levage

T



# Lifting capacities

## Forces de levage

T



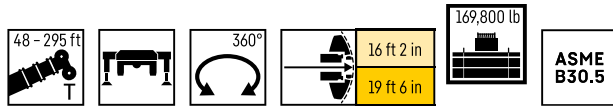
	48 ft		64 ft	81 ft	97 ft	114 ft	130 ft	146 ft	162 ft	179 ft	195 ft	211 ft	227 ft	243 ft	260 ft	276 ft	295 ft			
	*	*																		
10	661.4	343.3	257.2	252.5														10		
11	371.1	343.3	258.2	256.5														11		
12	365.3	343.3	259.6	257.4														12		
13	360.3	343.3	260.7	258.5	252.5													13		
14	355.1	332.6	261.8	259.4	252.5													14		
15	348.3	318.9	263	260.3	252.5													15		
16	336.5	306.4	264.4	261.2	252.5	205												16		
17	324.3	293.7	265.7	262.3	252.5	205												17		
18	314.2	283.3	267.5	263.2	252.5	205												18		
19	303.8	272.6	269.3	261.7	252.5	205	178.7											19		
20	294.7	263.3	260.6	256.4	248.8	205	179.8											20		
22	273.6	246	245	242.4	234.8	205	180.7	146.3										22		
24	252.2	229.9	229.2	227.8	221.2	205	180.7	148.4										24		
26	234	216.2	215.3	212.7	209.4	201.6	180.2	149.3	120.2									26		
28	218.4	203.6	201.2	198.4	194.7	192	178	148.7	121.2									28		
30	205.3	192.6	192.3	189.1	186.2	182.1	174.4	147	121.3	94.9								30		
32	193.4	182.3	181	177.5	175.3	170.6	166.3	145.2	119.4	95.1								32		
34	183.3	173.1	170.3	168.2	165	160.3	157	143.2	117.1	94.2	75.5							34		
36	170.5	164.5	161.4	158.6	155.4	152.5	150	141.2	114.3	92.3	75.9							36		
38	156.7	156.7	152.9	150.2	146.8	144.1	142.7	137.3	111.4	89.9	75.6	61.6						38		
40	140.8	141	145.3	142.4	139.2	137.4	135.9	132.1	109	87.9	75	61.9	49.8					40		
45			129.9	126.2	123.6	122.9	120.4	116.7	103	82.6	70.8	61.9	50.2	40.5				45		
50			117.9	113	110.1	110.5	108.1	104.5	97.8	77.7	66.2	59.4	50.4	40.9	33.4	24.9		50		
55			100.9	102.8	99.5	99.1	97.8	93.8	92.6	73.1	62.1	56.1	49.7	41.1	33.7	24.9	19.7	55		
60				93.9	90.6	90.5	89.2	86.2	85.8	69.1	59.5	53.1	47.8	40.5	33.8	24.9	19.7	60		
65				84.5	83.9	82.7	81.2	80.6	78.1	65.2	57.2	50	45.6	39.3	33.4	24.8	19.7	65		
70				74.8	78.2	76.4	74.6	74.3	71.3	61.8	55	47.4	43.3	37.9	32.6	24.5	19.7	70		
75				53.4	71.7	70.6	68.6	68.4	66.1	58.5	52.8	45.3	41.2	36.7	31.7	24.1	19.7	75		
80					65.6	64.8	64.2	63.5	61.1	55.5	50.5	43.6	39.2	35.3	30.7	23.7	19.6	80		
85					59.8	59.6	60.8	59	56.5	52.6	48.2	41.8	37.2	33.8	29.7	23.3	19.4	85		
90						46.2	54.9	56.7	55	52.6	49.8	45.9	40	35.2	28.9	22.9	19.2	90		
95							50.7	52.4	51.1	48.9	47	43.8	38.3	33.5	30.7	28	22.4	18.9	95	
100							47.7	48.7	47.3	45.6	44.2	41.7	36.6	31.8	29.2	27	22	18.7	100	
105							39.7	45.4	44	42.2	41.3	39.6	35	30.5	27.8	25.9	21.6	18.3	105	
110								42.3	40.9	39.2	38.4	37.8	33.2	29.5	26.5	24.9	21.1	17.8	110	
115								39.6	38.2	36.3	35.6	36.1	31.6	28.5	25.2	23.9	20.7	17.3	115	
120								32.4	35.6	35	33.1	34.3	30.2	27.6	24	22.8	20.3	16.8	120	
125									33.3	33.9	30.7	32.3	28.8	26.6	22.9	21.8	19.8	16.2	125	
130									31.1	32.6	28.8	30.1	27.6	25.7	22	20.8	19.2	15.6	130	
135									28.9	30.8	27.5	28.1	26.3	24.6	21.2	19.8	18.6	15	135	
140									18.5	28.9	26.2	26.3	25.2	23.6	20.3	18.8	17.9	14.4	140	
145										27.2	25	24.5	24	22.6	19.6	17.8	17.2	13.8	145	
150										22.8	23.9	22.9	22.6	21.7	18.8	16.9	16.4	13.3	150	
155										18	22.6	21.4	21.1	20.8	18.1	15.9	15.6	12.7	155	
160											21.1	20.1	19.7	20	17.5	15.2	14.8	12.2	160	
165											18.6	18.8	18.4	19.2	16.8	14.6	14	11.7	165	
170										14.9		17.6	17.2	18.2	16.2	14	13.3	11.2	170	
175												16.7	16.6	17.1	15.6	13.5	12.5	10.8	175	
180												15.6	15.9	16	15.1	13	11.8	10.4	180	
185												12.7	15.2	15	14.6	12.5	11.2	10.1	185	
190													14.7	14	14.1	12.1	10.7	9.7	190	
195													12.9	13	13.3	11.7	10.1	9.3	195	
200														10.9	12.1	12.4	11.3	9.6	200	
205															6.6	11.4	11	9.2	205	
210																10.7	10.9	10.6	8.1	210
215																9.2	10.3	10.2	8.3	215
220																	5.8	9.5	7.4	220
225																		8.9	7.5	225
230																				230
235																				235
240																				240
245																				245
250																				250
255																				255
260																				260
265																				265
270																				270

\* over rear - en arriere

# Lifting capacities

## Forces de levage

T

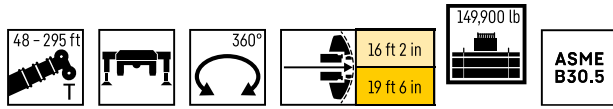


	48 ft	64 ft	81 ft	97 ft	114 ft	130 ft	146 ft	162 ft	179 ft	195 ft	211 ft	227 ft	243 ft	260 ft	276 ft	295 ft	
10	343.3	257.2	252.5														10
11	343.3	258.2	256.5														11
12	343.3	259.6	257.4														12
13	339.9	260.7	258.5	252.5													13
14	327.1	261.8	259.4	252.5													14
15	313.6	263	260.3	252.5													15
16	301.3	264.4	261.2	252.5	205												16
17	288.8	265.7	262.3	252.5	205												17
18	278.5	267.2	263.2	252.5	205												18
19	268	266.1	260.4	252.3	205	178.7											19
20	258.9	256.2	252.5	247	205	179.8											20
22	241.8	240.8	237	230.3	205	180.7	146.3										22
24	226	224	219.4	214.5	205	180.7	148.4										24
26	212.5	208	204.9	200.9	196	180.2	149.3	120.2									26
28	200	197.5	192.7	190.7	185.9	178	148.7	121.2									28
30	188.5	184.3	181.5	178.7	174.7	169.7	147	121.3	94.9								30
32	177.6	173.5	170.1	168.1	163.6	159.9	145.2	119.4	95.1								32
34	168.5	164.3	161.2	158.2	153.7	153	143.2	117.1	94.2	75.5							34
36	160.2	155.5	151.9	148.9	147.7	145.1	139.7	114.3	92.3	75.9							36
38	151.8	147.6	143.8	140.6	140.4	136.8	133.3	111.4	89.9	75.6	61.6						38
40	140.9	140.4	136.4	133.3	133.2	130.2	126.6	109	87.9	75	61.9	49.8					40
45		125.5	120.7	118.2	117.6	115.5	111.7	103	82.6	70.8	61.9	50.2	40.5				45
50		110.1	108	107	105.7	103.9	99.9	97.8	77.7	66.2	59.4	50.4	40.9	33.4	24.9		50
55		97.2	97.1	97.3	94.7	93.5	91.2	90.4	73.1	62.1	56.1	49.7	41.1	33.7	24.9	19.7	55
60			86.4	88.7	86.4	85.1	84.3	81.7	69.1	59.5	53.1	47.8	40.5	33.8	24.9	19.7	60
65			77.6	79.9	78.9	77.4	77.1	74	65.2	57.2	50	45.6	39.3	33.4	24.8	19.7	65
70			70	72.3	71.6	71.9	70.8	67.5	61.8	55	47.4	43.3	37.9	32.6	24.5	19.7	70
75			53.4	65.7	65	66.8	65.1	61.9	58.5	52.8	45.3	41.2	36.7	31.7	24.1	19.7	75
80				61.4	59.3	61.1	59.7	57.1	54.9	50.5	43.6	39.2	35.3	30.7	23.7	19.6	80
85				56.5	55.1	56	54.9	52.7	50.8	48.2	41.8	37.2	33.8	29.7	23.3	19.4	85
90				46.2	52.3	51.7	50.4	48.6	46.9	45.9	40	35.2	32.2	28.9	22.9	19.2	90
95					48.8	47.8	46.5	44.5	43.4	43.8	38.3	33.5	30.7	28	22.4	18.9	95
100					45.3	44.2	42.6	41.1	39.8	41.2	36.6	31.8	29.2	27	22	18.7	100
105					39.7	40.8	39.2	39.3	37.4	38.2	35	30.5	27.8	25.9	21.6	18.3	105
110						37.8	36.2	37.7	35.4	35.2	33.2	29.5	26.5	24.9	21.1	17.8	110
115						35.1	33.8	35.3	33.4	32.4	31.6	28.5	25.2	23.9	20.7	17.3	115
120						32.2	32.7	32.8	31.1	29.8	29.5	27.6	24	22.8	20.3	16.8	120
125							31.6	30.5	28.8	27.6	27.2	26.6	22.9	21.8	19.8	16.2	125
130							30.1	28.4	26.7	25.9	25.2	25.7	22	20.8	19.2	15.6	130
135							28.2	26.5	24.8	24.4	23.5	24.3	21.2	19.8	18.6	15	135
140							18.5	24.8	23.7	22.8	22.4	22.7	20.3	18.8	17.9	14.4	140
145								23.2	22.7	21.1	21.3	21.1	19.6	17.8	17.2	13.8	145
150								21.8	21.1	19.7	20.3	19.5	18.8	16.9	16.4	13.3	150
155								18	19.8	18.8	19.3	18	18.1	15.9	15.6	12.7	155
160									18.5	18.1	18.5	16.7	16.9	15.2	14.8	12.2	160
165									17.3	17.4	17.3	16	15.8	14.6	13.9	11.7	165
170									14.9	16.8	16.1	15.4	14.6	14	13	11.2	170
175										15.9	15	14.7	13.5	13.3	12.2	10.8	175
180										15.1	14	13.8	12.5	12.4	11.2	10.4	180
185										12.7	13.3	12.8	12	11.4	10.4	9.8	185
190											12.8	11.9	11.5	10.6	9.7	9.4	190
195											12.4	11.1	10.9	9.9	9	8.8	195
200											10.9	10.4	10.3	9.3	8.3	8.1	200
205											6.6	9.9	9.7	8.7	7.6	7.4	205
210												9.6	9.1	8.1	6.9	6.8	210
215												9.2	8.5	7.4	6.2	6.2	215
220												5.8	7.9	6.7	5.6	5.6	220
225													7.3	6.1	4.9	5	225
230													6.7	5.6	4.4	4.4	230
235													4.2	5.1	3.8	3.8	235
240														4.5	3.2	3.3	240
245														4.1	2.8	2.8	245
250														2.3	2.3	2.3	250

# Lifting capacities

## Forces de levage

T



	48 ft	64 ft	81 ft	97 ft	114 ft	130 ft	146 ft	162 ft	179 ft	195 ft	211 ft	227 ft	243 ft	260 ft	276 ft	295 ft	
10	343.3	257.2	252.5														10
11	343.3	258.2	256.5														11
12	343.3	259.6	257.4														12
13	340.1	260.7	258.5	252.5													13
14	327.5	261.8	259.4	252.5													14
15	314	263	260.3	252.5													15
16	301.7	264.4	261.2	252.5	205												16
17	289.1	265.7	262.3	252.5	205												17
18	278.8	267.2	263.2	252.5	205												18
19	268.3	266.4	260.1	252.5	205	178.7											19
20	259.2	256.5	252.5	246.8	205	179.8											20
22	242.1	239.1	232.8	226.8	205	180.7	146.3										22
24	226.2	220	216.7	210.9	203	180.7	148.4										24
26	210.5	203.8	200.8	196.9	192.7	180.2	149.3	120.2									26
28	196.4	193.6	190.8	187.1	182.5	177.1	148.7	121.2									28
30	184.7	180.6	177.9	175.2	171.2	166.9	147	121.3	94.9								30
32	173.9	171.3	166.8	164.7	160.3	158.4	145.2	119.4	95.1								32
34	165	161.2	158	154.9	152.9	150.3	143.2	117.1	94.2	75.5							34
36	156.1	152.3	148.8	145.9	145.4	142.3	138	114.3	92.3	75.9							36
38	145.6	144.6	140.9	137.7	137.8	134.1	130.6	111.4	89.9	75.6	61.6						38
40	136.2	137.4	133.5	130.5	130.6	127.5	124	109	87.9	75	61.9	49.8					40
45		120.7	118.1	116.7	115.2	113.9	109.2	103	82.6	70.8	61.9	50.2	40.5				45
50		105.1	104.9	105.6	103.5	101.7	97	96.2	77.7	66.2	59.4	50.4	40.9	33.4	24.9		50
55		92.6	92.6	94.8	92.6	91.4	90.4	86.2	73.1	62.1	56.1	49.7	41.1	33.7	24.9	19.7	55
60			82.3	84.7	84	82.7	81.6	77.9	69.1	59.5	53.1	47.8	40.5	33.8	24.9	19.7	60
65			73.8	76.1	75.4	76.1	74.2	70.5	65.2	57.2	50	45.6	39.3	33.4	24.8	19.7	65
70			68.4	69.4	68.1	70	67.6	64.2	61.6	55	47.4	43.3	37.9	32.6	24.5	19.7	70
75			53.4	63.6	61.6	63.4	61.7	58.8	56.7	52.8	45.3	41.2	36.7	31.7	24.1	19.7	75
80				57.4	58	57.1	55.6	53.7	51.6	50.3	43.6	39.2	35.3	30.7	23.7	19.6	80
85				52.1	52.9	51.7	50.4	48.9	46.9	47.5	41.8	37.2	33.8	29.7	23.3	19.4	85
90				46.2	48.2	47.2	45.7	44.4	44.1	43.5	40	35.2	32.2	28.9	22.9	19.2	90
95					44.3	43.1	41.7	42.5	41.3	40	37.9	33.5	30.7	28	22.4	18.9	95
100					40.7	39.6	38.1	40	38.4	37	35.3	31.8	29.2	27	22	18.7	100
105					37.6	36.5	36.5	36.9	35.2	33.9	32.7	30.5	27.8	25.9	21.6	18.3	105
110						33.7	35.1	34	32.3	31.7	30.1	29.5	26.5	24.9	21.1	17.8	110
115						31.1	33	31.3	29.9	29.4	27.9	28	25	23.9	20.7	17.3	115
120						30.2	30.7	29	28.3	27.1	26.8	26.3	23.8	22.8	20.3	16.8	120
125							28.6	27	26.5	25	25.7	24.5	22.9	21.4	19.8	16.2	125
130							26.7	25	24.5	23.4	24.2	22.9	21.9	20	19.1	15.6	130
135							25	23.3	22.8	22.4	22.4	21.1	20.7	18.5	18.1	15	135
140							18.5	21.7	21.1	21.4	21.3	19.7	19.2	17.7	17.1	14.4	140
145								20.3	19.7	20.4	19.7	18.8	18	17	16	13.8	145
150								19.6	18.2	19.1	18.2	17.6	16.7	16.4	14.9	13.3	150
155								18	17	17.9	16.9	16.6	15.4	15.3	13.8	12.7	155
160									16.2	17	15.8	15.5	14.7	14.1	12.8	11.8	160
165									15.5	15.9	15.2	14.3	14	12.9	11.7	11.2	165
170									14.9	14.8	14.5	13.2	13	11.8	10.7	10.4	170
175										13.8	13.6	12.3	12	10.9	9.9	9.6	175
180										12.9	12.7	11.8	11.1	10.1	9.1	8.8	180
185										12.1	11.8	11.3	10.4	9.4	8.4	8	185
190											11	10.8	9.7	8.7	7.7	7.3	190
195											10.4	10.2	9	8.1	7	6.6	195
200											9.8	9.6	8.4	7.4	6.2	6	200
205											6.6	9	7.8	6.7	5.5	5.4	205
210												8.4	7.2	6.1	4.9	4.8	210
215												7.8	6.5	5.4	4.2	4.2	215
220												5.8	6	4.8	3.6	3.7	220
225													5.4	4.3	3	3.1	225
230													4.9	3.7	2.5	2.5	230
235													4.2	3.3			235
240														2.8			240
245														2.4			245

# Lifting capacities

## Forces de levage

T



	48 ft	64 ft	81 ft	97 ft	114 ft	130 ft	146 ft	162 ft	179 ft	195 ft	211 ft	227 ft	243 ft	260 ft	276 ft	295 ft	
10	343.3	257.2	252.5														10
11	343.3	258.2	256.5														11
12	342.1	259.6	257.4														12
13	332.6	260.7	258.5	252.5													13
14	318	261.8	259.4	252.5													14
15	304.9	263	260.3	252.5													15
16	292.9	264.4	261.2	252.5	205												16
17	280.7	265.1	261.8	252.5	205												17
18	268.8	260.5	253.1	248.9	205												18
19	256.5	250.7	242.6	238	205	178.7											19
20	245.5	237.8	231.6	227.5	205	179.8											20
22	224.1	217.6	212.1	208.1	201.6	180.7	146.3										22
24	206.3	199.9	197.6	193.1	190.1	180.7	148.4										24
26	191.3	189.4	185.9	182.5	179.4	170	149.3	120.2									26
28	178.3	176	173.5	170.3	166.1	159.6	145.6	121.2									28
30	163.3	165.4	161.7	159.2	156.6	146.6	136.9	121.3	94.9								30
32	149.8	154.2	151.4	151.2	143.6	136.5	125.6	119.4	95.1								32
34	138.4	142.8	142.5	140.5	132.9	126.3	119.8	113.9	94.2	75.5							34
36	128.1	132.4	132.3	129.8	122.6	116.2	113.2	106	92.3	75.9							36
38	119.2	123.4	122.9	120.3	113.7	110.4	104.9	98.2	89.9	75.6	61.6						38
40	110.7	115.4	114.5	112.1	106.2	104.4	98.3	92.1	87	75	61.9	49.8					40
45		94.3	97.3	96.9	93.6	89.2	83.8	78.9	74.9	69.6	61.9	50.2	40.5				45
50		79.2	80.7	83.3	81.4	77.3	72.7	68.6	66.6	64.2	59.4	50.4	40.9	33.4	24.9		50
55		66.9	70.5	71.5	71.3	67.5	63.8	63.6	60.2	57	53.1	49	41.1	33.7	24.9	19.7	55
60			60.8	62.2	61.9	59.7	58.1	57	54.4	51.4	47.9	44.1	40.5	33.8	24.9	19.7	60
65			55	54.3	54.1	52.9	53.6	50.7	49.1	46	42.7	40.8	37.5	33.4	24.8	19.7	65
70			46.7	47.8	47.7	47.8	48.9	46.1	44	41.7	39.6	37.6	34.7	32.3	24.5	19.7	70
75			41.5	42.4	42.2	44.6	43.5	41.6	39.6	38.3	36.6	34.5	32.3	29.3	24.1	19.7	75
80				37.9	38.3	40.1	39	38.5	36.3	35.7	33.7	31.8	29.3	27.3	23.7	19.6	80
85				34.1	36.2	36	35	35	33.6	32.8	31.3	28.8	26.9	25.7	22.9	19.4	85
90				30.8	32.9	32.6	31.6	31.6	31.3	30	28.6	26.6	25.4	23.3	20.7	19.2	90
95					29.9	29.7	28.8	29.1	28.6	27.9	26.2	25.1	23.4	21.2	19.1	17.4	95
100					27.3	27	26.2	27.1	26.8	25.6	24.4	23.4	21.3	19.2	17.3	16.2	100
105					25.1	24.6	24.3	24.6	24.4	23.3	22.8	21.4	19.3	17.4	15.7	14.7	105
110						22.6	23.1	22.5	22.1	21.5	21.2	19.7	17.7	16.8	14	13.1	110
115						20.7	21.6	20.8	20.2	20.3	19.3	18.1	16.2	14.4	12.7	11.9	115
120						19.1	19.9	19	18.9	18.7	17.6	16.5	14.7	13	11.3	10.5	120
125							18.3	17.3	17.5	17	15.9	14.9	13.4	11.8	10.2	9.4	125
130							16.8	15.9	16.1	15.5	14.4	13.4	12.1	10.6	9	8.3	130
135							15.6	14.9	14.7	14.2	13	12.2	10.8	9.5	8	7.3	135
140							14.4	14.2	13.5	12.9	11.8	10.9	9.8	8.5	7	6.4	140
145								13.1	12.4	11.8	10.8	10	8.9	7.5	6	5.5	145
150								12.1	11.3	10.8	9.9	9.2	8.1	6.7	5.2	4.7	150
155								11.3	10.5	10	9.1	8.3	7.3	5.9	4.4	3.9	155
160									9.8	9.3	8.4	7.6	6.5	5.1	3.6	3.1	160
165									9.1	8.6	7.7	6.9	5.7	4.3	2.7	2.2	165
170									8.5	8	7	6.2	4.9	3.7			170
175										7.3	6.3	5.5	4.2	2.9			175
180										6.7	5.6	4.8	3.5				180
185										6.1	5	4.2	2.9				185
190											4.4	3.6					190
195											3.9	3					195
200											3.4	2.5					200
205											2.9						205

# Lifting capacities

## Forces de levage

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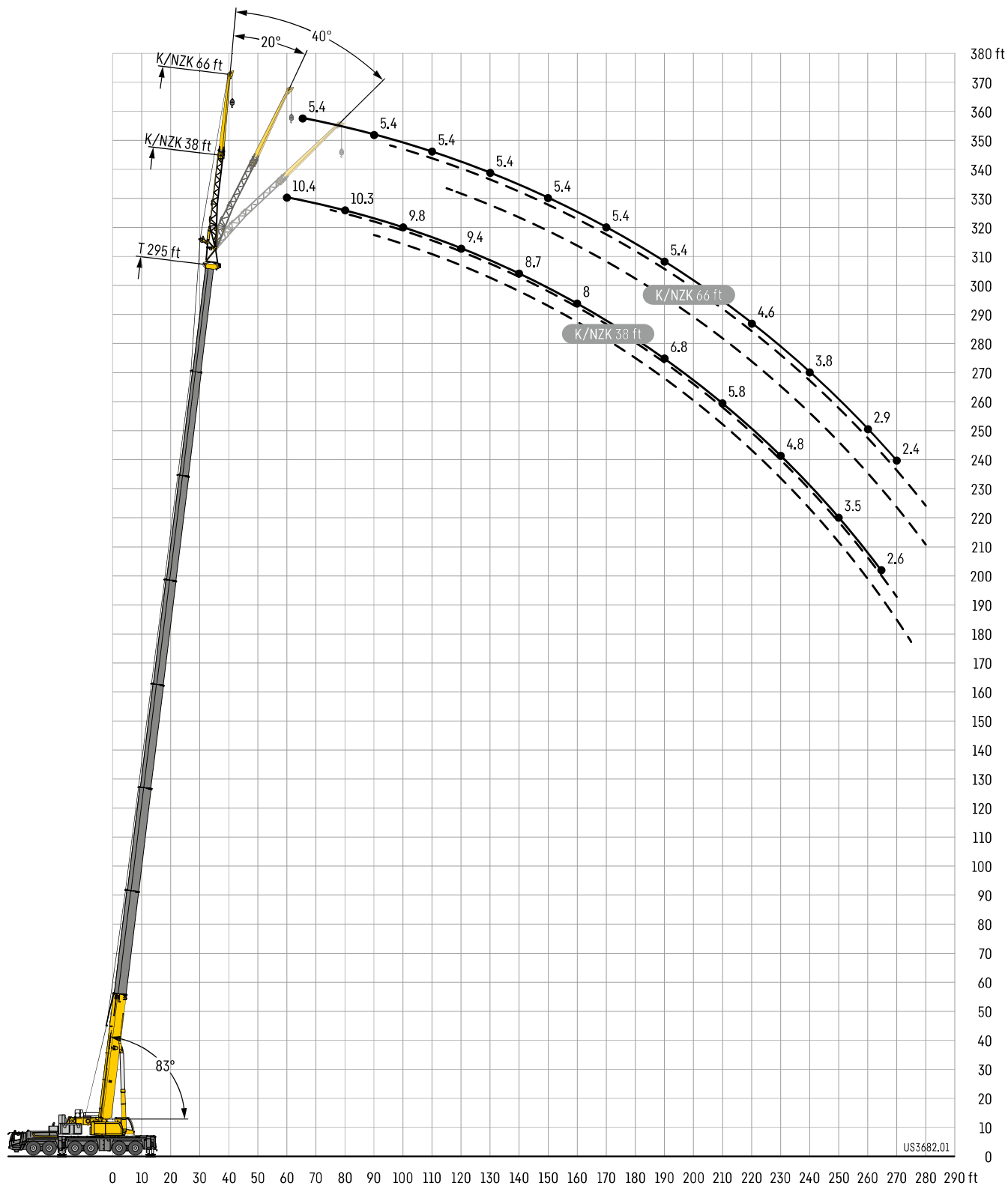


	48 ft	64 ft	81 ft	97 ft	114 ft	130 ft	146 ft	162 ft	179 ft	195 ft	211 ft	227 ft	243 ft	260 ft	276 ft	295 ft	
10	343.3	257.2	252.5														10
11	343.3	258.2	256.5														11
12	338.8	259.6	257.4														12
13	326.2	260.7	258.5	252.5													13
14	311.9	261.8	259.4	252.5													14
15	294.9	263	260.3	252.5													15
16	278.8	262.5	261.2	252.5	205												16
17	263.1	255	247.9	240.8	205												17
18	250.6	244	238.3	227	203.2												18
19	238.4	232.9	225	210	193.3	176.3											19
20	228.1	220.7	215.3	200	182	169.7											20
22	207.1	199.6	190.3	178.9	163.3	156.8	139.3										22
24	185.6	184.5	170.6	159.2	149.5	141.9	130.4										24
26	167.2	163	152.6	144.9	135.1	127.6	117.5	107.8									26
28	148	143	136.5	130.3	123.8	115.4	106.4	99									28
30	131.1	127.3	122.4	118.5	111.7	105	96.8	89.2	83.9								30
32	115.7	115.1	112.9	108.3	102.5	95.2	88.6	84.9	79								32
34	101.6	104.9	102.9	99.2	93.7	87.7	84.3	79.9	74.6	69.9							34
36	89.8	95.8	94.6	91	86.1	81.1	79.4	74.9	70.7	65.7							36
38	80.1	87.5	86.9	84	79.6	75.8	74.9	69.5	65.9	61.6	57						38
40	71.9	79.3	80.2	78.1	74.1	72.8	69.4	65.1	61.8	57.8	53.4	47.6					40
45		62.9	66.6	65.3	63.2	62.7	59.4	57	53.4	50.5	46.9	43.4	38.6				45
50		51.2	54.9	55.6	56.4	54	51.2	49.5	47.3	45.2	42.9	39.1	35.4	31.6	24.9		50
55		42.3	45.9	47.6	48.8	47.1	44.9	44.2	42.4	39.9	37.3	34.6	31.9	29.3	24.8	19.7	55
60			38.8	42	42.7	41.1	41.3	38.9	37	35.7	33.7	31.5	28.4	25.4	22.6	19.7	60
65			33.2	36.3	36.9	36.5	36.6	34.5	33.7	32.5	30.1	27.9	25	22.3	20	17.8	65
70			28.6	31.5	32.2	33.2	32.6	30.6	30.4	29	26.8	24.5	22.1	19.7	17.3	15.8	70
75			24.9	27.7	28.4	29.6	29.1	28.5	27.2	25.9	23.9	21.8	19.4	17.1	14.9	13.7	75
80				24.4	25.1	26.3	25.7	25.7	24.4	23.2	21.2	19.4	17.2	14.9	12.9	11.8	80
85				21.6	22.2	23.3	22.9	22.7	21.9	20.9	18.9	17.3	15.1	13.1	11.1	10.1	85
90				19.2	19.7	20.6	20.2	20.1	19.5	18.7	16.9	15.4	13.2	11.4	9.5	8.6	90
95					17.5	18.4	17.9	17.8	17.2	16.5	15.2	13.7	11.7	9.8	8	7.1	95
100					15.5	16.4	15.9	15.8	15.2	14.6	13.3	12.1	10.2	8.4	6.7	5.9	100
105					13.8	14.6	14.1	14	13.4	12.8	11.6	10.6	8.8	7.1	5.5	4.6	105
110						13	12.5	12.4	11.8	11.3	10.3	9.4	7.6	5.9	4.1		110
115						11.6	11.1	11	10.5	10	9.1	8.1	6.4	4.7	2.9		115
120						10.5	10.1	10	9.4	9	8.1	7	5.3	3.5			120
125							9.1	9	8.5	8	7.1	6	4.2	2.3			125
130							8.3	8.2	7.6	7.2	6.2	5	3				130
135							7.5	7.4	6.8	6.4	5.3	4.1					135
140							6.8	6.6	6	5.6	4.5	3.1					140
145								5.9	5.2	4.8	3.7						145
150								5.2	4.5	4	2.8						150
155								4.6	3.8	3.3							155
160									3.2	2.5							160
165									2.5								165

# Lifting heights

## Hauteurs de levage

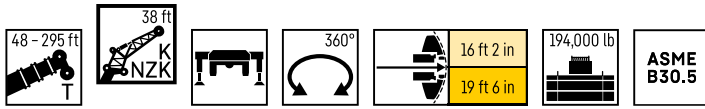
TK/TNZK



# Lifting capacities

## Forces de levage

# TK/TNZK

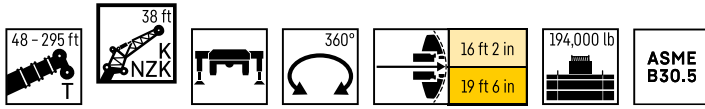


	48 ft			114 ft			130 ft			146 ft			162 ft			179 ft			195 ft			
	K/NZK 38 ft																					
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
12	53.6																					12
13	53.6																					13
14	53.6																					14
15	53.6																					15
16	53.6			53.6																		16
17	53.6			53.6																		17
18	53.6			53.6																		18
19	53.6	44.3		53.6			53.6															19
20	53.6	43.5		53.6			53.6															20
22	53.6	41.9		53.6			53.6			53.6												22
24	53.6	39.9		53.6			53.6			53.6												24
26	52.5	37.8		53.6			53.6			53.6			47.6									26
28	49.6	36	25.1	53.6			53.6			53.6			47.2									28
30	46.7	34.3	24.3	53.6	40		53.6			53.6			46.8			42.6						30
32	43.5	32.8	23.6	53.6	39.3		53.6	39.5		53.2			46.4			42.4						32
34	40.4	31.4	22.9	53.6	38.4		53.6	38.8		52.5	38.5		46.1			42.1				38.2		34
36	37.3	29.9	22.2	53.4	37.4		53.5	38.1		51.7	38		45.6			41.8				37.9		36
38	34.8	28.8	21.7	52.7	36.3	23.9	52.7	37.3		51	37.4		45.1	35.1		41.4				37.6		38
40	32.5	27.6	21.2	51.5	35.4	23.5	51.8	36.4	23.8	50.2	36.8		44.6	34.6		41				37.3		40
45	27.7	25.2	19.9	48.1	33.2	22.6	49.1	34.2	22.9	48.3	34.9	23.2	43.1	33.4		39.9	32.2			36.6		45
50	24.1	23	18.9	44.4	31.1	21.8	46.2	32.3	22.1	46.3	33.1	22.4	41.6	31.8	22	38.8	31.2	22		35.8	29.9	50
55	21.3	21.3	18.1	40.9	29.3	21	43	30.6	21.4	43.9	31.4	21.7	40.1	30.3	21.4	37.7	30.1	21.4	35	29.2	21.4	55
60	18.9	19.8	17.4	37.3	27.7	20.4	40.1	29	20.8	41.5	29.9	21.1	38.7	29	20.8	36.7	28.9	20.8	34.2	28.4	20.8	60
65	16.9	18.6	17	34.1	26.3	19.7	37.1	27.6	20.2	38.9	28.6	20.5	36.9	27.8	20.3	35.6	27.8	20.3	33.4	27.5	20.4	65
70	15.3	17.6	16.7	30.9	25	19.1	34.4	26.3	19.6	36.4	27.4	20	34.9	26.7	19.8	34.4	26.6	19.9	32.6	26.5	19.9	70
75	13.8	16.8	16.6	28.5	23.8	18.7	31.9	25.1	19.1	34.1	26.1	19.5	33.2	25.7	19.4	32.8	25.7	19.5	31.9	25.6	19.5	75
80	12.6	16.6		26.4	22.7	18.2	29.3	24	18.6	31.9	25	19	31.3	24.8	19	31.4	24.9	19.1	30.8	24.8	19.1	80
85				24.4	21.8	17.8	27.4	23	18.2	29.7	24.1	18.6	29.6	23.9	18.6	29.9	24.1	18.7	29.6	24.1	18.7	85
90				22.7	21	17.5	25.5	22.1	17.9	27.9	23.2	18.3	28	23.1	18.3	28.6	23.3	18.4	28.6	23.4	18.4	90
95				21.2	20.2	17.2	23.8	21.4	17.6	26.2	22.3	17.9	26.4	22.4	17.9	27.2	22.6	18.1	27.4	22.7	18.2	95
100				19.9	19.5	17	22.4	20.6	17.3	24.6	21.6	17.6	25	21.7	17.7	25.9	22	17.8	26.3	22.1	17.9	100
105				18.6	18.9	16.8	21	19.9	17	23.2	20.9	17.4	23.7	21.1	17.4	24.6	21.4	17.6	25.1	21.5	17.7	105
110				17.5	18.3	16.7	19.8	19.3	16.9	21.9	20.3	17.1	22.5	20.5	17.2	23.4	20.8	17.3	24.1	21	17.4	110
115				16.6	17.8	16.6	18.7	18.7	16.7	20.7	19.7	16.9	21.5	19.9	17	22.4	20.3	17.1	23.1	20.4	17.2	115
120				15.7	17.3	16.6	17.8	18.3	16.6	19.6	19.1	16.8	20.4	19.4	16.8	21.4	19.8	16.9	22.1	20	17	120
125				14.9	16.9	16.6	16.8	17.8	16.5	18.7	18.7	16.6	19.5	18.9	16.7	20.4	19.3	16.7	21.2	19.5	16.8	125
130				14.1	16.7	16.3	16	17.4	16.5	17.8	18.2	16.6	18.6	18.5	16.6	19.6	18.9	16.6	20.4	19.1	16.7	130
135				13.5	16.4	10.7	15.3	17	16.5	17	17.8	16.5	17.9	18.1	16.5	18.8	18.5	16.5	19.6	18.7	16.5	135
140				12.9	16.4	6.1	14.6	16.8	16.5	16.2	17.4	16.5	17.1	17.7	16.4	18.1	18.1	16.4	18.8	18.3	16.4	140
145				12.3			13.9	16.5	15.3	15.5	17.1	16.5	16.4	17.4	16.4	17.4	17.8	16.4	18	18	16.4	145
150							13.3	16.4	10	14.9	16.8	16.5	15.8	17.1	16.4	16.8	17.5	16.4	17.2	17.5	16.3	150
155							12.9	16.4	6.1	14.3	16.6	16.4	15.2	16.9	16.4	16.1	17.2	16.4	16.4	16.8	16	155
160							12.3	14.4		13.7	16.4	14.2	14.7	16.7	16.4	15.6	16.9	16.4	15.8	16	15.7	160
165										13.2	16.4	9.3	14.2	16.5	16.4	15.1	16.7	16.4	15.4	15.2	15.2	165
170										12.7	16.4	6.2	13.7	16.4	15.2	14.6	16.6	16.4	14.9	14.7	14.7	170
175										12.2	13.3		13.3	16.3	11.4	14.1	16.4	16.3	14.5	14.4	14.5	175
180													12.9	16.3	8.3	13.7	15.4	15.6	14.1	14.1	14.2	180
185													12.4	13.9	6.1	13.4	14.3	13.9	13.8	13.8	14.1	185
190													10.9	12.2		12.8	13.3	10.2	13.4	13.5	13.9	190
195																12.5	13.2	8.2	12.7	13.1	13.4	195
200																11.3	12.2	6.1	11.9	12.3	11.7	200
205																9	9.9		11.1	11.5	9.7	205
210																6.5			10.3	10.7	8.1	210
215																			9.2	9.6	6.2	215
220																			8.3	8.8	2.3	220
225																			6.3	6.5		225

# Lifting capacities

## Forces de levage

# TK/TNZK



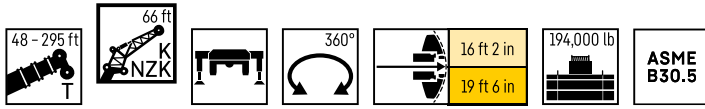
	211 ft			227 ft			243 ft			260 ft			276 ft			292 ft			295 ft						
	K/NZK 38 ft																								
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°*				
36	25.4																					36			
38	31.5																					38			
40	31.3			25.7																		40			
45	30.9			25.6			21.7															45			
50	30.4			25.5			21.6			17												50			
55	29.9	26.4		25.3	23.7		21.5			17			13.8									55			
60	29.5	25.9	20.3	25.1	23.4		21.4	20.6		17			13.8				10.8				10.4	60			
65	29	25.4	19.8	24.9	23.1	20.2	21.2	20.4		17	16.7		13.8				10.8				10.4	65			
70	28.5	24.8	19.4	24.7	22.7	19.8	21.1	20.2		16.9	16.5		13.8	13.2			10.8				10.4	70			
75	28	24.1	19	24.4	22.3	19.5	21	20	18.6	16.7	16.2		13.6	13			10.8	10.4			10.4	10.2	75		
80	27.3	23.4	18.7	24.1	22.1	19.2	20.9	19.8	18.4	16.5	15.9	15.7	13.4	12.9			10.6	10.3			10.3	10.1	80		
85	26.5	22.8	18.3	23.7	21.7	18.9	20.7	19.5	18.1	16.2	15.7	15.3	13.1	12.8	13.1		10.4	10.2	10.4		10.2	10	85		
90	25.7	22.2	18.1	23.1	21.1	18.6	20.5	19.3	17.9	16	15.3	14.9	12.9	12.7	12.9		10.2	10.2	10.4	10	9.9	9.9	10.1	90	
95	24.8	21.7	17.8	22.5	20.6	18.4	20.2	19	17.7	15.7	15	14.6	12.6	12.5	12.6		10.1	10.1	10.3	9.9	9.8	9.8	10.1	95	
100	23.9	21.1	17.6	21.9	20.1	18.1	19.7	18.5	17.5	15.3	14.6	14.2	12.4	12.2	12.2		10	10	10.3	9.8	9.8	9.8	10	100	
105	23.1	20.6	17.4	21.3	19.6	17.9	19.2	18.1	17.4	15.1	14.2	13.8	12	11.9	11.9		9.9	10	10.1	9.7	9.7	9.8	10	105	
110	22.3	20.1	17.2	20.7	19.1	17.7	18.7	17.7	17.1	14.7	13.9	13.5	11.7	11.5	11.6		9.8	9.8	9.9	9.6	9.6	9.7	9.8	110	
115	21.6	19.6	17	20.1	18.6	17.5	18.1	17.3	16.8	14.3	13.5	13.1	11.4	11.2	11.3		9.7	9.6	9.7	9.5	9.5	9.6	9.6	115	
120	20.9	19	16.8	19.6	18.1	17.3	17.5	17	16.5	14	13.2	12.8	11.2	11	11		9.5	9.5	9.6	9.4	9.3	9.4	9.4	120	
125	20.3	18.5	16.7	19	17.7	17	17	16.6	16.1	13.6	12.8	12.5	10.9	10.7	10.8		9.3	9.3	9.4	9.2	9.2	9.2	9.3	125	
130	19.7	18	16.5	18.4	17.2	16.7	16.4	16.2	15.8	13.3	12.6	12.3	10.7	10.5	10.6		9.1	9.1	9.2	9	9	9	9.1	130	
135	19	17.6	16.4	17.8	16.9	16.3	15.9	15.8	15.5	12.9	12.3	12	10.4	10.3	10.3		9	8.9	9	8.9	8.8	8.8	8.9	135	
140	18.3	17.1	16.2	17.2	16.5	16	15.3	15.3	15.2	12.6	12	11.8	10.2	10	10.1		8.8	8.7	8.8	8.7	8.6	8.7	8.7	140	
145	17.6	16.6	16.1	16.6	16.1	15.7	14.7	14.9	14.9	12.3	11.7	11.5	10	9.8	9.9		8.6	8.5	8.6	8.5	8.4	8.5	8.5	145	
150	17	16.2	15.9	15.9	15.7	15.4	14.2	14.4	14.6	12	11.4	11.3	9.8	9.6	9.7		8.4	8.4	8.4	8.3	8.3	8.3	8.4	150	
155	16.5	15.9	15.6	15	15.3	15.2	13.6	13.9	14.2	11.7	11.2	11.1	9.5	9.4	9.5		8.2	8.2	8.3	8.2	8.1	8.2	8.2	155	
160	16	15.5	15.3	14.2	14.7	14.7	13	13.4	13.7	11.4	11	10.9	9.3	9.2	9.3		8.1	8	8.1	8	7.9	8	8	160	
165	15.6	14.9	14.9	13.3	14	14.1	12.4	12.8	13.1	11.1	10.9	10.8	9.1	9	9.1		7.9	7.8	7.9	7.8	7.8	7.9	7.9	165	
170	15.2	14.6	14.6	12.6	13.2	13.4	11.8	12.3	12.6	10.8	10.7	10.6	8.9	8.8	8.9		7.7	7.7	7.8	7.7	7.6	7.7	7.7	170	
175	14.7	14.4	14.4	12.2	12.5	12.8	11.1	11.7	12	10.4	10.5	10.5	8.8	8.7	8.8		7.5	7.5	7.6	7.5	7.5	7.6	7.6	175	
180	14.2	14	14.1	11.8	11.9	12.1	10.5	11	11.4	10	10.3	10.3	8.6	8.5	8.6		7.3	7.4	7.4	7.3	7.3	7.4	7.4	180	
185	13.7	13.6	13.8	11.3	11.5	11.7	10.1	10.4	10.8	9.7	9.9	10.1	8.4	8.3	8.4		7.1	7.2	7.3	7	7.1	7.3	7.3	185	
190	13.1	13.3	13.5	11	11.1	11.3	9.8	9.9	10.2	9.2	9.6	9.7	8.2	8.1	8.2		6.8	7	7.1	6.8	6.9	7.1	7.1	190	
195	12.2	12.7	13.1	10.7	10.8	10.9	9.5	9.6	9.8	8.8	9.2	9.4	8	8	8.1		6.6	6.8	6.9	6.6	6.7	6.9	6.9	195	
200	11.3	11.8	12.1	10.3	10.4	10.6	9.2	9.3	9.5	8.5	8.8	9	7.8	7.8	7.9		6.4	6.6	6.7	6.3	6.5	6.7	6.7	200	
205	10.6	11	11.2	10.1	10.1	10.3	9	9.1	9.2	8	8.4	8.6	7.6	7.6	7.8		6.1	6.4	6.5	6.1	6.3	6.5	6.5	205	
210	9.9	10.3	10.4	9.8	9.9	10	8.7	8.8	9	7.6	8	8.2	7.3	7.5	7.6		5.9	6.1	6.3	5.8	6.1	6.3	6.3	210	
215	9.3	9.6	9.7	9.6	9.6	9.8	8.5	8.5	8.7	7.3	7.6	7.8	6.9	7.2	7.4		5.6	5.9	6	5.6	5.8	6	6	215	
220	9.1	9.2	8.8	9.2	9.4	9.6	8.2	8.3	8.4	7.1	7.2	7.4	6.5	6.9	7.1		5.4	5.6	5.8	5.3	5.6	5.8	5.8	220	
225	8.7	8.9	7.4	8.6	9	9.1	8	8	8.2	6.9	7	7.1	6.1	6.5	6.7		5.1	5.4	5.5	5.1	5.3	5.5	5.5	225	
230	8	8.4	5.9	7.9	8.3	8.3	7.7	7.8	8	6.7	6.8	6.9	5.7	6.2	6.3		4.9	5.1	5.3	4.8	5.1	5.2	5.2	230	
235	6.7	7	4.5	7.3	7.6	7.6	7.2	7.5	7.7	6.5	6.6	6.6	5.4	5.8	5.9		4.6	4.9	5	4.5	4.8	4.9	4.9	235	
240	4.9	5.2		6.9	7	6.9	6.7	7	7.1	6.3	6.4	6.4	5	5.4	5.5		4.4	4.6	4.8	4.2	4.4	4.6	4.6	240	
245				6.3	6.7	5.8	6.4	6.6	6.8	6.1	6.2	6.3	4.6	5	5.1		4.1	4.4	4.5	3.8	4.1	4.3	4.3	245	
250				5.4	5.6	4.5	5.8	6.1	6.2	5.7	5.9	6	4.2	4.6	4.7		3.9	4.1	4.2	3.5	3.8	3.9	3.9	250	
255				3.5	4.2		5.5	5.6	5.6	5.2	5.5	5.6	3.7	4.2	4.3		3.5	3.8	3.9	3.2	3.5	3.6	3.6	255	
260							5.2	5.4	5.3	4.7	5	5.1	3.3	3.7	3.8		3.2	3.5	3.6	2.9	3.2	3.3	3.3	260	
265							3.6	4.4	3.6	4.2	4.5	4.5	2.8	3.2	3.3		2.8	3.1	3.2	2.6	2.8	2.9	2.9	265	
270										3.8	4	4	2.3	2.7	2.8		2.4	2.8	2.8			2.5	2.6	2.6	270
275										2.8	3.4	3.2			2.2			2.4	2.5				2.2	2.2	275

\*only possible in TNZK mode - uniquement possible en cas de fonctionnement de la pointe pivotante hydraulique de la flèche télescopique (TNZK)

# Lifting capacities

## Forces de levage

# TK/TNZK

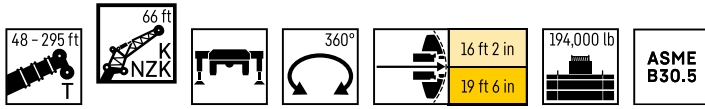


	48 ft			114 ft			130 ft			146 ft			162 ft			179 ft			195 ft				
	K/NZK 66 ft																						
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
22	20.8			19.6			19.1															22	
24	20.8			19.9			19.6			19												24	
26	20.4			19.9			19.6			19.1												26	
28	20			19.9			19.6			19.2			17.7									28	
30	19.5			19.9			19.6			19.2			17.7			17						30	
32	18.9			19.8			19.6			19.2			17.7			17						32	
34	18.3	14.2		19.7			19.5			19.1			17.7			17				16.1		34	
36	17.7	13.9		19.6			19.4			19			17.6			16.9				16.1		36	
38	17.2	13.5		19.4			19.3			18.9			17.6			16.9				16.1		38	
40	16.7	13.2		19.2			19.1			18.8			17.5			16.8				16.1		40	
45	15.4	12.3		18.6	13.5		18.7	13.6		18.5			17.3			16.6				15.9		45	
50	14.3	11.5	9.6	17.8	12.9		18.1	13		18.1	13.1		17			16.4				15.7		50	
55	13.1	10.9	9.3	17	12.3		17.4	12.5		17.5	12.6		16.6	12.2		16.2	12.1			15.5		55	
60	11.7	10.3	8.9	16.2	11.7	9.3	16.7	12		16.9	12.1		16.2	11.8		15.8	11.7			15.3	11.5	60	
65	10.7	9.9	8.6	15.4	11.3	9.1	15.9	11.5	9.1	16.3	11.6	9.2	15.7	11.4		15.4	11.3			15	11.2	65	
70	9.8	9.5	8.4	14.7	10.9	8.9	15.3	11.1	8.9	15.7	11.2	9	15.2	11	8.9	15	11			14.6	10.9	70	
75	9	9.1	8.2	14	10.6	8.7	14.6	10.8	8.8	15	10.9	8.8	14.6	10.7	8.7	14.5	10.7	8.7		14.2	10.6	8.6	75
80	8.4	8.8	8	13.3	10.2	8.5	14	10.4	8.6	14.4	10.6	8.7	14.1	10.5	8.6	14	10.4	8.5		13.7	10.4	8.5	80
85	7.8	8.5	7.9	12.7	9.9	8.4	13.4	10.2	8.5	13.8	10.3	8.5	13.5	10.2	8.4	13.5	10.2	8.4		13.3	10.2	8.4	85
90	7.3	8.2	7.8	11.9	9.6	8.2	12.8	9.9	8.3	13.3	10	8.4	13	10	8.3	13.1	10	8.3		12.9	10	8.2	90
95	6.9	8	7.8	11.2	9.4	8.1	12.1	9.6	8.2	12.8	9.8	8.2	12.5	9.7	8.2	12.6	9.8	8.2		12.5	9.8	8.2	95
100	6.4	7.8	7.8	10.5	9.2	8	11.5	9.4	8.1	12.2	9.6	8.1	12.1	9.5	8.1	12.2	9.6	8.1		12.1	9.6	8.1	100
105	6.1	7.7		10	9	7.9	10.9	9.2	8	11.7	9.4	8	11.7	9.3	8	11.8	9.4	8		11.8	9.4	8	105
110				9.5	8.8	7.8	10.3	9	7.9	11.1	9.2	7.9	11.3	9.1	7.9	11.4	9.2	7.9		11.4	9.2	7.9	110
115				9	8.6	7.8	9.8	8.8	7.8	10.6	9	7.9	10.8	9	7.8	11.1	9	7.8		11.1	9	7.8	115
120				8.6	8.4	7.7	9.4	8.6	7.7	10.1	8.8	7.8	10.4	8.8	7.7	10.7	8.8	7.7		10.8	8.9	7.7	120
125				8.2	8.2	7.7	9	8.5	7.7	9.7	8.6	7.7	10	8.7	7.7	10.4	8.7	7.7		10.5	8.7	7.7	125
130				7.9	8.1	7.6	8.6	8.3	7.6	9.3	8.5	7.7	9.6	8.5	7.6	10	8.6	7.6		10.2	8.6	7.6	130
135				7.5	8	7.6	8.2	8.2	7.6	8.9	8.3	7.6	9.3	8.4	7.6	9.7	8.4	7.6		9.9	8.5	7.6	135
140				7.3	7.9	7.6	7.9	8	7.6	8.6	8.2	7.6	8.9	8.2	7.6	9.3	8.3	7.5		9.6	8.4	7.5	140
145				7	7.8	7.6	7.6	7.9	7.6	8.3	8.1	7.6	8.6	8.1	7.5	9	8.2	7.5		9.3	8.2	7.5	145
150				6.7	7.7	7.6	7.3	7.8	7.6	8	8	7.5	8.3	8	7.5	8.7	8.1	7.5		9	8.1	7.4	150
155				6.5	7.7	7.6	7.1	7.8	7.6	7.7	7.9	7.5	8	7.9	7.5	8.4	8	7.5		8.7	8	7.4	155
160				6.3	7.7	7.6	6.9	7.7	7.6	7.4	7.8	7.5	7.8	7.8	7.5	8.1	7.9	7.4		8.5	7.9	7.4	160
165				6.1	7.7		6.6	7.7	7.6	7.2	7.7	7.5	7.5	7.8	7.5	7.9	7.8	7.4		8.2	7.8	7.4	165
170				5.9	7.7		6.4	7.6	7.6	6.9	7.7	7.5	7.3	7.7	7.5	7.7	7.7	7.4		8	7.7	7.4	170
175							6.3	7.6	7.6	6.7	7.6	7.5	7.1	7.6	7.5	7.4	7.6	7.4		7.8	7.7	7.4	175
180							6.1	7.6		6.5	7.6	7.5	6.9	7.6	7.5	7.2	7.6	7.4		7.6	7.6	7.4	180
185							5.9	7.6		6.4	7.6	7.5	6.7	7.5	7.5	7.1	7.5	7.4		7.4	7.6	7.4	185
190							5.8			6.2	7.6	7.5	6.6	7.5	7.5	6.9	7.5	7.4		7.2	7.5	7.4	190
195										6	7.6		6.4	7.5	7.5	6.7	7.5	7.4		7	7.5	7.4	195
200										5.9	7.6		6.2	7.5	7.5	6.6	7.5	7.4		6.8	7.4	7.4	200
205										5.8			6.1	7.5	7.5	6.4	7.5	7.4		6.7	7.4	7.4	205
210										6	7.5		6	7.5		6.3	7.5	7.4		6.5	7.4	7.4	210
215													5.9	7.5		6.2	7.5	7.4		6.4	7.4	7.4	215
220													5.8			6	7.5	7.4		6.3	7.4	7.4	220
225																5.9	7.5	7		6.2	7.4	7.4	225
230																5.8	7.5			6.1	7.4	7.4	230
235																5.8				6	7.4	7.4	235
240																				5.8	7.4	6.9	240
245																				5.8	6.9		245
250																				5.3	5.4		250

# Lifting capacities

## Forces de levage

# TK/TNZK



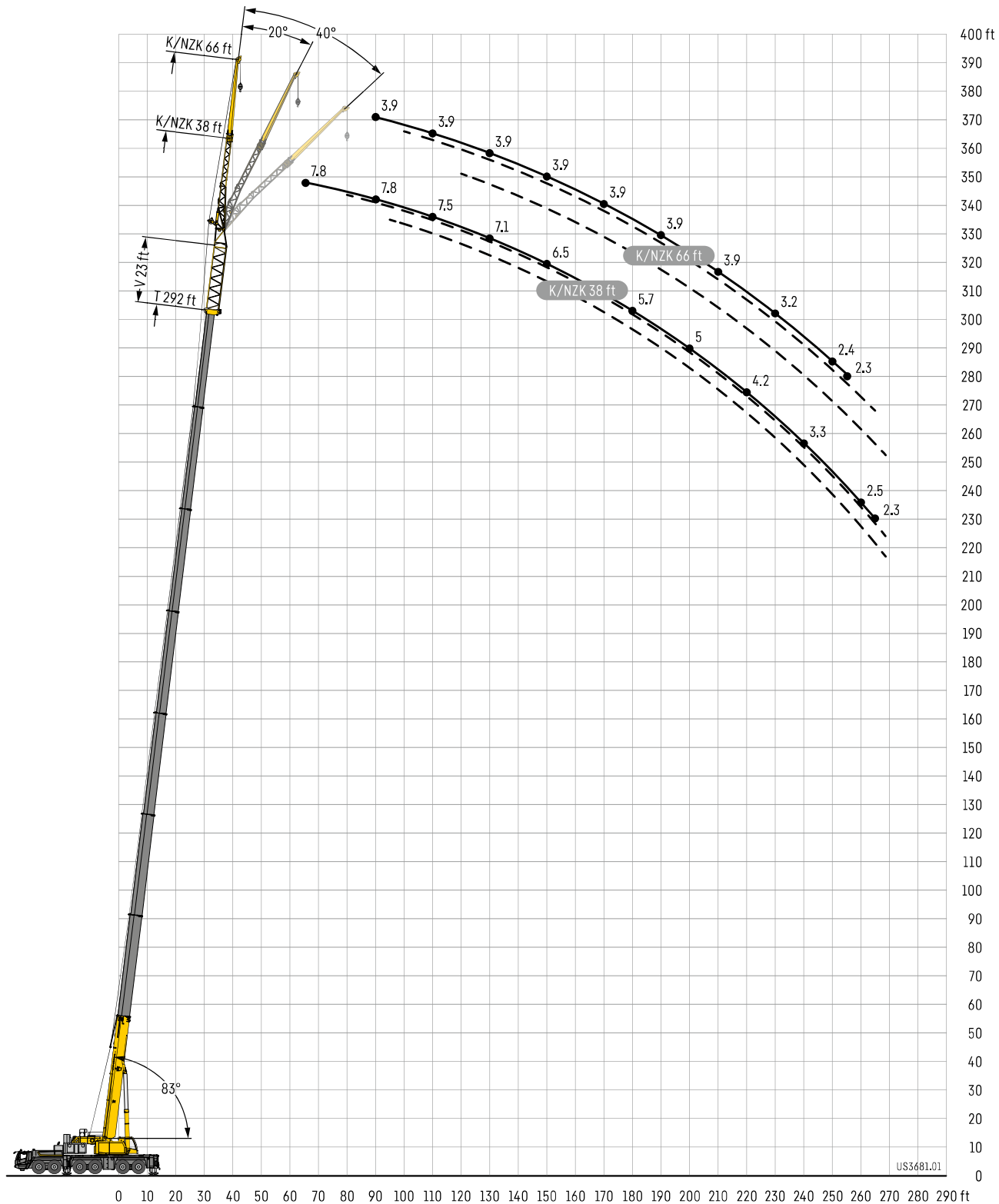
	211 ft			227 ft			243 ft			260 ft			276 ft			292 ft			295 ft					
	K/NZK 66 ft																							
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°*	40°*			
38	14.5																					38		
40	14.4																					40		
45	14.3			13.1																		45		
50	14.2			13			11.7															50		
55	14.1			12.9			11.5			10.1												55		
60	13.9			12.8			11.4			10			8.6									60		
65	13.7	10.7		12.6			11.3			10			8.6				5.7				5.4	65		
70	13.4	10.5		12.4	10.2		11.2			9.9			8.6				5.7				5.4	70		
75	13.1	10.3		12.2	10		11.1	9.6		9.8			8.6				5.7				5.4	75		
80	12.7	10.1	8.3	11.9	9.8		10.9	9.4		9.8	8.8		8.5				5.7				5.4	80		
85	12.4	9.8	8.2	11.6	9.6	8.1	10.8	9.2		9.7	8.7		8.4	7.9			5.7				5.4	85		
90	12.1	9.6	8.1	11.4	9.4	8	10.7	9.1	7.8	9.6	8.6		8.3	7.9			5.7				5.4	90		
95	11.8	9.5	8	11.2	9.2	7.9	10.5	8.9	7.7	9.5	8.5		8.2	7.9			5.7	6.6			5.4	6.4	95	
100	11.4	9.3	7.9	10.9	9.1	7.8	10.3	8.8	7.6	9.4	8.4	7.4	8.1	7.8			5.7	6.5			5.4	6.4	100	
105	11.2	9.1	7.9	10.7	8.9	7.7	10.1	8.7	7.6	9.3	8.2	7.4	8	7.8	7.1		5.7	6.5			5.4	6.4	105	
110	10.9	9	7.8	10.5	8.8	7.7	10	8.5	7.5	9.2	8.1	7.3	7.9	7.7	7.1		5.7	6.5			5.4	6.4	110	
115	10.7	8.8	7.7	10.3	8.7	7.6	9.8	8.4	7.5	9.1	8	7.3	7.9	7.6	7		5.7	6.5	6.6		5.4	6.4	6.4	115
120	10.4	8.7	7.6	10.1	8.5	7.6	9.7	8.3	7.4	9	8	7.2	7.8	7.5	7		5.7	6.5	6.6		5.4	6.4	6.4	120
125	10.2	8.5	7.6	9.9	8.4	7.5	9.5	8.2	7.4	8.9	7.8	7.2	7.8	7.5	7		5.7	6.5	6.6		5.4	6.4	6.4	125
130	10	8.4	7.5	9.7	8.3	7.4	9.3	8.1	7.3	8.8	7.8	7.1	7.7	7.4	6.9		5.7	6.5	6.6		5.4	6.4	6.4	130
135	9.7	8.3	7.5	9.5	8.2	7.4	9.2	8	7.3	8.7	7.7	7.1	7.7	7.4	6.9		5.7	6.5	6.6		5.4	6.3	6.4	135
140	9.5	8.2	7.4	9.3	8.1	7.4	9.1	7.9	7.2	8.6	7.6	7.1	7.7	7.3	6.9		5.7	6.5	6.6		5.4	6.3	6.4	140
145	9.2	8.1	7.4	9.1	8	7.3	8.9	7.8	7.2	8.4	7.5	7	7.7	7.2	6.9		5.7	6.5	6.6		5.4	6.3	6.4	145
150	9	8	7.4	8.9	7.9	7.3	8.8	7.8	7.2	8.3	7.5	7	7.6	7.2	6.9		5.7	6.5	6.6		5.4	6.3	6.4	150
155	8.8	7.9	7.3	8.7	7.8	7.3	8.6	7.7	7.2	8.2	7.4	7	7.6	7.1	6.9		5.7	6.5	6.6		5.4	6.3	6.4	155
160	8.5	7.8	7.3	8.5	7.7	7.2	8.4	7.6	7.1	8.1	7.4	7	7.5	7.1	6.8		5.7	6.4	6.6		5.4	6.3	6.4	160
165	8.3	7.7	7.3	8.3	7.6	7.2	8.2	7.5	7.1	8	7.3	7	7.3	7	6.8		5.7	6.4	6.5		5.4	6.3	6.4	165
170	8.1	7.7	7.3	8.1	7.6	7.2	8.1	7.5	7.1	7.8	7.3	7	7.2	7	6.8		5.7	6.3	6.4		5.4	6.2	6.4	170
175	7.9	7.6	7.3	7.9	7.5	7.2	7.9	7.4	7.1	7.7	7.2	7	7.1	6.9	6.8		5.7	6.2	6.3		5.4	6.1	6.3	175
180	7.6	7.5	7.3	7.7	7.5	7.2	7.7	7.4	7.1	7.5	7.2	7	6.9	6.8	6.8		5.7	6	6.2		5.4	6	6.1	180
185	7.5	7.5	7.3	7.6	7.4	7.2	7.6	7.3	7.1	7.4	7.1	7	6.8	6.7	6.8		5.7	5.9	6.1		5.4	5.9	6	185
190	7.3	7.4	7.3	7.4	7.4	7.2	7.4	7.2	7.1	7.2	7.1	7	6.7	6.7	6.7		5.6	5.8	5.9		5.4	5.7	5.9	190
195	7.1	7.4	7.3	7.3	7.3	7.2	7.3	7.2	7.1	7.1	7.1	7	6.5	6.5	6.6		5.6	5.7	5.8		5.4	5.6	5.8	195
200	7	7.4	7.3	7.1	7.3	7.2	7.1	7.2	7.1	7	7	7	6.4	6.4	6.5		5.4	5.5	5.7		5.3	5.5	5.7	200
205	6.8	7.3	7.3	6.9	7.3	7.2	7	7.2	7.1	6.9	7	7	6.2	6.3	6.4		5.2	5.4	5.6		5.2	5.4	5.6	205
210	6.7	7.3	7.3	6.8	7.2	7.2	6.9	7.1	7.1	6.7	6.9	7	6.1	6.2	6.3		5	5.3	5.5		5	5.3	5.5	210
215	6.6	7.3	7.3	6.7	7.2	7.2	6.7	7.1	7.1	6.6	6.9	7	6	6	6.2		4.9	5.1	5.3		4.8	5.1	5.3	215
220	6.4	7.3	7.3	6.5	7.2	7.2	6.6	7	7.1	6.4	6.9	7	5.9	5.9	6.1		4.7	5	5.2		4.6	4.9	5.2	220
225	6.3	7.3	7.3	6.4	7.2	7.2	6.4	6.9	7.1	6.2	6.8	7	5.7	5.8	6		4.5	4.8	5		4.5	4.7	5	225
230	6.2	7.3	7.3	6.3	7.2	7.2	6.3	6.8	7	5.9	6.6	6.9	5.6	5.7	5.9		4.3	4.6	4.9		4.3	4.6	4.8	230
235	6.1	7.3	7.3	6.2	7.2	7.2	6.2	6.7	6.9	5.7	6.4	6.7	5.4	5.6	5.7		4.1	4.5	4.7		4	4.4	4.7	235
240	6	7.3	7.3	6.1	7.2	7.2	6.1	6.6	6.8	5.5	6	6.3	5.1	5.4	5.6		3.9	4.3	4.6		3.8	4.2	4.5	240
245	5.9	7.2	7.2	6	7.1	7.2	6	6.4	6.6	5.3	5.7	5.9	4.7	5.3	5.5		3.6	4.1	4.3		3.6	4	4.3	245
250	5.8	6.7	7	5.9	6.7	6.9	6	6.3	6.5	5.2	5.3	5.5	4.4	5	5.2		3.5	3.8	4.1		3.4	3.8	4	250
255	5.8	6.5	6.6	5.8	6.5	6.7	5.7	6.2	6.3	5	5.1	5.3	4.1	4.6	4.9		3.2	3.6	3.9		3.2	3.6	3.8	255
260	5.3	6.3		5.6	6.1	6.1	5.3	6	6.1	4.9	5	5.2	3.8	4.3	4.5		3	3.4	3.6		2.9	3.4	3.6	260
265	4.2	4.9		5.4	5.6	5.5	5	5.5	5.6	4.7	4.9	5.1	3.5	3.9	4.1		2.8	3.2	3.4		2.6	3.1	3.3	265
270				5.1	5.3	5.3	4.7	5	5.2	4.5	4.8	4.9	3.1	3.6	3.8		2.6	3	3.2		2.4	2.8	3	270
275				4.1	4.8		4.3	4.7	4.8	4.1	4.6	4.7	2.7	3.3	3.4		2.4	2.8	2.9			2.6	2.7	275
280				3.2	4		4.1	4.3	4.3	3.6	4.2	4.3	2.2	2.9	3			2.5	2.7			2.3	2.4	280
285							3.9	4.1	4.1	3.2	3.7	3.8			2.5			2.2	2.4					285
290							2.6	3.8		2.8	3.3	3.3												290
295										2.5	2.9	2.8												295
300											2.5	2.3												300

\*only possible in TNZK mode - uniquement possible en cas de fonctionnement de la pointe pliante hydraulique de la flèche télescopique (TNZK)

# Lifting heights

## Hauteurs de levage

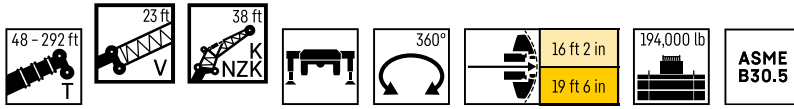
TVK/TVNZK



# Lifting capacities

## Forces de levage

# TVK/TVNZK

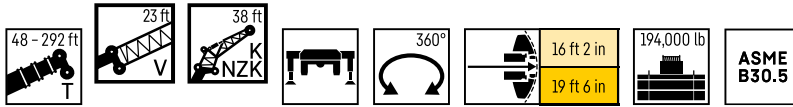


	48 ft + V 23 ft			114 ft + V 23 ft			130 ft + V 23 ft			146 ft + V 23 ft			162 ft + V 23 ft			179 ft + V 23 ft			195 ft + V 23 ft					
	K/NZK 38 ft																							
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°			
17	53.6																					17		
18	53.6																					18		
19	53.6																					19		
20	53.6																					20		
22	53.2			50.7																		22		
24	51.5	41		50			48.7															24		
26	49.3	40.1		49.1			48			45.6												26		
28	47.2	38.8		48.2			47.2			45.1												28		
30	45.4	37.3		47.4			46.4			44.6			36.9									30		
32	43.5	35.8	24.4	46.4			45.7			43.9			36.5									32		
34	41.8	34.6	23.8	45.4	37.1		44.8			43.1			36.2			33						34		
36	40.2	33.4	23.3	44.4	36.6		43.9	36.3		42.5			35.8						24.9			36		
38	38.5	32.1	22.8	43.4	35.8		42.9	35.8		41.6			35.4			32.4				29.5		38		
40	36.9	31.1	22.3	42.4	35.1		41.9	35.1		40.8	34.5		34.8			32				29.2		40		
45	33.7	28.6	21.2	39.9	33.1	22.8	40	33.2	23	39.1	32.8		33.6	29.3		31.1				28.5		45		
50	30.5	26.5	20.2	37.3	31.2	22	37.8	31.5	22.2	37.3	31.4	22.4	32.4	28.2		30.1	26.8			27.8		50		
55	27.7	24.6	19.4	35.2	29.7	21.3	35.7	30	21.6	35.5	29.9	21.7	31.2	27.2	21.2	29.2	25.9			27.1	24.5	55		
60	25.2	22.8	18.7	33.1	28.2	20.7	33.8	28.6	21	33.9	28.6	21.2	29.9	26.1	20.7	28.3	25	20.6		26.4	23.9	60		
65	22.9	21	18	31.3	26.9	20.1	32.1	27.3	20.4	32.3	27.5	20.6	28.8	25.2	20.2	27.3	24.2	20.1		25.6	23.1	20	65	
70	20.8	19.5	17.5	29.7	25.6	19.6	30.5	26.2	19.9	30.9	26.3	20.1	27.7	24.1	19.7	26.5	23.5	19.7		24.9	22.5	19.6	70	
75	19.1	18.2	17.2	28.2	24.4	19.1	29.1	25	19.4	29.5	25.3	19.7	26.7	23.2	19.3	25.6	22.7	19.3		24.2	21.9	19.2	75	
80	17.5	17	16.5	26.8	23.4	18.7	27.7	24	19	28.2	24.3	19.3	25.7	22.3	18.9	24.8	21.9	18.9		23.6	21.2	18.9	80	
85	16.2	15.9	15.6	25.4	22.3	18.3	26.5	23.1	18.6	26.9	23.4	18.9	24.8	21.5	18.6	24	21.2	18.6		23	20.7	18.6	85	
90	15	15	14.9	24.2	21.2	18	25.3	22.2	18.3	25.9	22.6	18.5	23.9	20.8	18.3	23.2	20.5	18.3		22.3	20.1	18.2	90	
95	13.9	14.2	14.2	23.1	20.2	17.6	24.2	21.2	18	24.8	21.8	18.2	23.1	20.1	18	22.5	19.9	17.9		21.7	19.6	17.9	95	
100	13	13.5		21.9	19.3	17.3	23.2	20.3	17.7	23.8	21	17.9	22.2	19.4	17.6	21.8	19.3	17.6		21.1	19	17.5	100	
105				20.8	18.5	17	22.2	19.5	17.4	22.9	20.2	17.7	21.5	18.7	17.2	21.1	18.7	17.1		20.6	18.5	17.1	105	
110				19.9	17.8	16.6	21.3	18.8	17	22.1	19.5	17.4	20.6	18.1	16.8	20.5	18.1	16.7		20	17.9	16.7	110	
115				18.9	17.1	16.2	20.4	18	16.7	21.3	18.8	17.1	19.9	17.6	16.3	19.9	17.6	16.3		19.4	17.5	16.3	115	
120				18.1	16.4	15.7	19.5	17.4	16.4	20.5	18.2	16.8	19.2	17	16	19.2	17.1	16		18.9	17	15.9	120	
125				17.2	15.9	15.3	18.6	16.8	16	19.7	17.5	16.4	18.6	16.6	15.6	18.6	16.6	15.6		18.4	16.6	15.5	125	
130				16.4	15.3	14.9	17.9	16.2	15.5	19	17	16	17.9	16.1	15.2	18	16.2	15.3		18	16.2	15.2	130	
135				15.7	14.8	14.6	17.2	15.7	15.2	18.3	16.5	15.7	17.4	15.7	14.9	17.6	15.8	14.9		17.5	15.8	14.9	135	
140				15	14.4	14.3	16.5	15.2	14.8	17.6	16	15.3	16.8	15.3	14.6	17	15.4	14.7		17	15.4	14.7	140	
145				14.4	13.9	14	15.9	14.8	14.5	17	15.5	15	16.3	14.9	14.3	16.5	15	14.4		16.5	15	14.4	145	
150				13.8	13.6	13.8	15.3	14.4	14.2	16.4	15.1	14.7	15.7	14.5	14.1	16	14.7	14.2		16	14.7	14.1	150	
155				13.3	13.3	11.6	14.7	14	14	15.8	14.7	14.4	15.2	14.2	13.8	15.6	14.4	13.9		15.4	14.4	13.9	155	
160				12.9	13	7.3	14.1	13.7	13.7	15.3	14.3	14.1	14.8	13.9	13.6	15.1	14	13.7		14.8	14.1	13.7	160	
165				12.5	12.9		13.6	13.4	13.3	14.8	13.9	13.8	14.3	13.6	13.4	14.7	13.8	13.5		14	13.7	13.5	165	
170							13.2	13.1	10.9	14.3	13.6	13.5	13.9	13.3	13.2	14.3	13.5	13.2		13.2	13.2	13.1	170	
175							12.8	12.8	7.3	13.8	13.3	13.1	13.4	13	13	13.9	13.2	13		12.4	12.6	12.7	175	
180							12.2	12.8		13.4	13.1	12.6	13.1	12.7	12.7	13.5	12.9	12.7		11.6	12	12.2	180	
185							8			13	12.9	10.3	12.8	12.4	12.4	13.2	12.7	12.4		11	11.4	11.7	185	
190										11.9	12.6	7.3	12.5	12.2	12.1	12.8	12.4	12.2		10.3	10.8	11	190	
195										11	11.8		12.2	11.9	11.2	12.4	12.2	11.9		9.8	10.2	10.4	195	
200										8			11.8	11.7	8.9	11.6	11.9	11.7		9.4	9.7	9.8	200	
205													10.4	11.4	6.7	10.8	11.2	11.3		9	9.2	9.3	205	
210													8.4	9	4.8	10.2	10.5	10.5		8.8	8.7	8.8	210	
215													7.3	7.9		9.2	9.8	8.3		8.7	8.6	8.8	215	
220																8.3	8.4	6.4		8.5	8.5	8.7	220	
225																7.9	8.2	4.9		8.4	8.3	8.5	225	
230																6.2	6.3			8.1	8.2	7.9	230	
235																				7.3	7.9	6.4	235	
240																				6.3	6.4	4.9	240	
245																					5.1	5.8		245

# Lifting capacities

## Forces de levage

# TVK/TVNZK

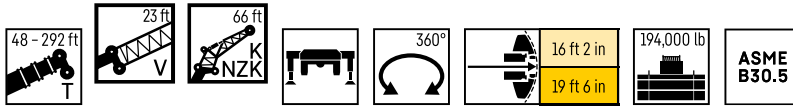


	211 ft + V 23 ft			227 ft + V 23 ft			243 ft + V 23 ft			260 ft + V 23 ft			276 ft + V 23 ft			292 ft + V 23 ft				
	K/NZK 38 ft																			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
40	22.4																		40	
45	22			18.9															45	
50	21.7			18.7			15.8												50	
55	21.3	20.2		18.5			15.7				12.2								55	
60	21	19.8		18.2	17.5		15.6				12.2			10					60	
65	20.6	19.4		18	17.2		15.4	15			12.1			10			7.8		65	
70	20.2	18.9	17.4	17.7	17		15.2	14.8			12.1	11.9		10			7.8		70	
75	19.8	18.3	16.9	17.4	16.7	15.7	15.1	14.6	13.6		11.9	11.7		10	9.7		7.8		75	
80	19.1	17.7	16.4	17.1	16.1	15.3	14.9	14.4	13.4		11.7	11.5		9.9	9.6		7.8	7.8	80	
85	18.5	17.1	15.9	16.7	15.6	14.9	14.7	14.1	13.3		11.5	11.3	11.1	9.8	9.5	9.4	7.8	7.7	85	
90	17.8	16.4	15.4	16.2	15.1	14.6	14.4	13.8	13.1		11.3	11.1	11	9.6	9.5	9.4	7.8	7.7	90	
95	17.2	15.9	15	15.7	14.7	14.1	14.1	13.4	12.9		11.1	10.9	10.7	9.5	9.4	9.4	7.7	7.6	7.6	95
100	16.6	15.3	14.6	15.2	14.3	13.7	13.8	13	12.6		10.9	10.7	10.5	9.4	9.4	9.4	7.6	7.6	7.6	100
105	16	14.8	14.2	14.8	13.8	13.3	13.4	12.7	12.4		10.7	10.4	10.3	9.2	9.3	9.3	7.6	7.6	7.6	105
110	15.5	14.3	13.8	14.3	13.4	13	13.1	12.4	12		10.5	10.2	10	9.1	9.1	9.2	7.5	7.5	7.6	110
115	14.9	13.8	13.4	13.9	13	12.6	12.8	12.1	11.8		10.3	9.9	9.8	8.9	8.9	9	7.4	7.5	7.6	115
120	14.4	13.4	13	13.5	12.6	12.2	12.4	11.7	11.5		10.1	9.8	9.6	8.7	8.7	8.8	7.3	7.4	7.5	120
125	14	13	12.6	13	12.3	11.9	12.1	11.5	11.2		9.9	9.5	9.4	8.6	8.5	8.6	7.2	7.3	7.4	125
130	13.5	12.6	12.2	12.7	11.9	11.6	11.7	11.2	11		9.7	9.3	9.2	8.4	8.3	8.4	7.1	7.1	7.2	130
135	13.1	12.3	11.9	12.3	11.6	11.4	11.5	11	10.8		9.4	9.1	9	8.2	8.1	8.2	6.9	7	7.1	135
140	12.7	11.9	11.6	12	11.3	11.1	11.2	10.7	10.6		9.2	9	8.9	8	8	8	6.8	6.8	6.9	140
145	12.2	11.6	11.3	11.7	11.1	10.9	11	10.5	10.4		9.1	8.8	8.7	7.8	7.8	7.9	6.7	6.7	6.8	145
150	11.9	11.2	11.1	11.4	10.8	10.7	10.7	10.3	10.2		8.9	8.6	8.5	7.6	7.6	7.7	6.5	6.5	6.6	150
155	11.6	10.9	10.8	11.1	10.6	10.5	10.5	10.1	10		8.7	8.4	8.4	7.5	7.4	7.5	6.4	6.4	6.5	155
160	11.2	10.7	10.6	10.8	10.4	10.3	10.3	10	9.9		8.5	8.3	8.2	7.3	7.3	7.4	6.3	6.3	6.3	160
165	10.9	10.5	10.4	10.6	10.1	10.1	10.1	9.8	9.7		8.3	8.1	8	7.1	7.1	7.2	6.1	6.1	6.2	165
170	10.6	10.2	10.1	10.3	10	9.9	9.9	9.6	9.6		8.2	7.9	7.9	7	6.9	7.1	6	6	6.1	170
175	10.4	10	10	10.1	9.8	9.7	9.7	9.5	9.4		8	7.8	7.8	6.8	6.8	6.9	5.9	5.8	5.9	175
180	10.2	9.8	9.8	9.9	9.6	9.6	9.4	9.3	9.3		7.9	7.7	7.6	6.6	6.6	6.7	5.7	5.7	5.8	180
185	10	9.6	9.6	9.6	9.5	9.4	9.1	9.1	9.1		7.7	7.5	7.5	6.5	6.5	6.6	5.6	5.6	5.7	185
190	9.7	9.5	9.5	9.3	9.2	9.3	8.8	8.8	8.9		7.5	7.4	7.4	6.4	6.4	6.4	5.4	5.5	5.6	190
195	9.4	9.3	9.3	9	9	9.1	8.5	8.6	8.7		7.4	7.2	7.2	6.2	6.2	6.3	5.2	5.3	5.4	195
200	9.1	9.1	9.1	8.8	8.8	8.8	8.1	8.3	8.5		7.2	7.1	7.1	6.1	6.1	6.2	5	5.1	5.3	200
205	9	8.9	8.9	8.6	8.6	8.7	7.7	8	8.2		7.1	7	7	5.9	5.9	6	4.8	5	5.1	205
210	8.8	8.7	8.8	8.3	8.4	8.5	7.3	7.7	7.9		6.9	6.9	6.9	5.8	5.8	5.9	4.6	4.8	4.9	210
215	8.7	8.5	8.7	8.1	8.2	8.3	6.9	7.3	7.5		6.7	6.8	6.8	5.6	5.7	5.7	4.4	4.6	4.8	215
220	8.5	8.4	8.6	7.8	8	8.1	6.8	6.9	7.1		6.3	6.6	6.7	5.5	5.5	5.6	4.2	4.4	4.6	220
225	8.3	8.3	8.5	7.6	7.7	7.8	6.6	6.6	6.7		6	6.3	6.4	5.3	5.4	5.5	4	4.3	4.4	225
230	7.7	8.1	8.2	7.4	7.5	7.6	6.4	6.4	6.5		5.6	5.9	6.1	5.1	5.2	5.3	3.8	4	4.2	230
235	7.1	7.5	7.6	6.9	7.2	7.4	6.3	6.3	6.4		5.2	5.5	5.7	4.8	5.1	5.2	3.6	3.8	4	235
240	6.6	6.9	6.9	6.4	6.8	6.9	6.1	6.2	6.3		5.1	5.1	5.3	4.4	4.8	4.9	3.3	3.6	3.7	240
245	6.3	6.4	6.4	6.3	6.3	6.4	5.9	6.1	6.2		4.9	5	5.1	4.1	4.4	4.6	3.1	3.4	3.5	245
250	6.2	6.2	6	5.8	6.1	6.2	5.6	5.9	5.9		4.8	4.9	5	3.8	4.1	4.2	2.9	3.1	3.3	250
255	5.1	5.7	4.9	5.4	5.6	5.6	5.1	5.5	5.6		4.7	4.7	4.8	3.4	3.8	3.9	2.7	2.9	3	255
260	4	4.5		5.2	5.2	5.3	4.7	5	5.1		4.5	4.6	4.7	3.1	3.4	3.5	2.5	2.7	2.8	260
265				4.8	5	5	4.4	4.6	4.7		4.2	4.4	4.5	2.8	3.1	3.2	2.3	2.5	2.6	265
270				3.8	4.3	4	4	4.3	4.3		3.8	4.1	4.2	2.4	2.7	2.8		2.3	2.4	270
275				2.9	3.6		3.9	4	4		3.3	3.7	3.7		2.4	2.5				275
280							3.6	3.8	3.7		2.9	3.2	3.3							280
285							2.3	3	2.6		2.5	2.8	2.8							285
290												2.4	2.4							290

# Lifting capacities

## Forces de levage

# TVK/TVNZK

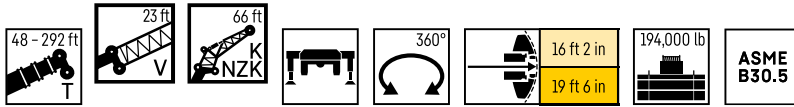


	48 ft + V 23 ft			114 ft + V 23 ft			130 ft + V 23 ft			146 ft + V 23 ft			162 ft + V 23 ft			179 ft + V 23 ft			195 ft + V 23 ft					
	K/NZK 66 ft																							
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°			
22	19																					22		
24	19.5			17.8																		24		
26	19.5			18.1				17.8														26		
28	19.4			18.2				17.8			17.4											28		
30	19.2			18.2				17.9			17.4											30		
32	19			18.1				17.8			17.3		15.8									32		
34	18.7			18.1				17.8			17.3		15.7									34		
36	18.5	14.1		17.9				17.7			17.2		15.7			14.9						36		
38	18.1	13.8		17.9				17.6			17.2		15.6			14.9						38		
40	17.6	13.5		17.8				17.5			17.1		15.6			14.8			14			40		
45	16.6	12.8		17.4				17.3			16.9		15.4			14.7					13.9	45		
50	15.6	12.1		17	12.8			17	12.9		16.6		15.3			14.5					13.8	50		
55	14.7	11.4	9.4	16.6	12.3			16.6	12.4		16.3	12.4	15.1			14.4					13.7	55		
60	13.9	10.9	9.1	16	11.8			16.1	11.9		16	12	14.8	11.5		14.2	11.3				13.5	60		
65	13	10.5	8.9	15.4	11.4	9.1		15.6	11.5		15.6	11.6	14.5	11.1		14	11				13.3	10.8	65	
70	11.9	10.1	8.6	14.8	11	8.9		15.1	11.1	8.9	15.1	10.8	14.2	10.8		13.7	10.7				13.1	10.6	70	
75	10.9	9.7	8.4	14.2	10.7	8.8		14.5	10.8	8.8	14.7	10.9	13.8	10.6	8.7	13.3	10.5				12.9	10.3	75	
80	10.2	9.4	8.3	13.6	10.4	8.6		14	10.5	8.6	14.1	10.6	13.4	10.4	8.5	13	10.3	8.4			12.6	10.1	8.4	80
85	9.5	9.1	8.1	13	10.2	8.4		13.4	10.3	8.5	13.6	10.4	12.5	10.1	8.4	12.6	10	8.3			12.2	9.9	8.3	85
90	8.9	8.8	8	12.5	9.9	8.3		12.9	10	8.4	13.2	10.2	12.5	9.9	8.3	12.3	9.9	8.2			12	9.7	8.2	90
95	8.4	8.6	7.9	12	9.6	8.2		12.4	9.8	8.2	12.7	9.9	12.2	9.7	8.2	12	9.7	8.1			11.7	9.6	8.1	95
100	7.9	8.3	7.8	11.5	9.4	8.1		12	9.6	8.1	12.3	9.7	11.8	9.5	8.1	11.6	9.5	8			11.4	9.4	8	100
105	7.5	8.2	7.8	11	9.2	8		11.5	9.4	8	11.9	9.5	11.4	9.3	8	11.3	9.3	7.9			11.1	9.2	7.9	105
110	7.1	8	7.8	10.5	9	7.9		11.1	9.2	7.9	11.5	9.3	11.1	9.2	7.9	11.1	9.1	7.9			10.9	9.1	7.8	110
115	6.7	7.9	7.8	10	8.8	7.8		10.6	9	7.9	11.1	9.1	10.8	9	7.8	10.8	9	7.8			10.6	8.9	7.8	115
120	6.4	7.8	7.8	9.6	8.7	7.8		10.2	8.8	7.8	10.7	8.9	10.6	8.8	7.7	10.5	8.8	7.7			10.4	8.8	7.7	120
125	6.2	7.7		9.2	8.5	7.7		9.8	8.7	7.7	10.3	8.8	10.3	8.7	7.7	10.3	8.7	7.7			10.2	8.6	7.6	125
130	5.9			8.8	8.4	7.7		9.4	8.5	7.7	10	8.6	10	8.6	7.6	10.1	8.5	7.6			10	8.5	7.6	130
135				8.4	8.2	7.6	9.1	8.4	7.6	9.6	8.5	7.6	9.7	8.4	7.6	9.8	8.4	7.5			9.8	8.4	7.5	135
140				8.1	8.1	7.6	8.7	8.3	7.6	9.3	8.4	7.6	9.4	8.3	7.6	9.6	8.3	7.5			9.6	8.3	7.5	140
145				7.8	8	7.6	8.4	8.1	7.6	8.9	8.2	7.6	9.1	8.2	7.5	9.3	8.2	7.5			9.4	8.2	7.4	145
150				7.5	7.9	7.6	8.1	8	7.6	8.6	8.1	7.5	8.8	8.1	7.5	9.1	8.1	7.4			9.2	8.1	7.4	150
155				7.3	7.8	7.6	7.8	7.9	7.6	8.3	8	7.5	8.5	8	7.5	8.8	8	7.4			9	8	7.4	155
160				7	7.7	7.6	7.6	7.8	7.6	8.1	7.9	7.5	8.2	7.9	7.5	8.5	7.9	7.4			8.7	7.9	7.4	160
165				6.8	7.7	7.6	7.4	7.7	7.6	7.8	7.8	7.5	8	7.8	7.5	8.3	7.8	7.4			8.5	7.8	7.3	165
170				6.6	7.6	7.6	7.1	7.7	7.6	7.6	7.6	7.8	7.5	7.8	7.7	8.1	7.8	7.4			8.3	7.7	7.3	170
175				6.4	7.6	7.6	6.9	7.6	7.6	7.4	7.7	7.5	7.6	7.7	7.5	7.8	7.7	7.4			8.1	7.7	7.3	175
180				6.2	7.6	7.6	6.7	7.6	7.6	7.1	7.6	7.5	7.3	7.6	7.5	7.6	7.6	7.4			7.9	7.6	7.3	180
185				6.1	7.6	7.6	6.5	7.6	7.6	7	7.6	7.5	7.2	7.5	7.5	7.4	7.6	7.4			7.7	7.6	7.3	185
190				5.9	7.6		6.4	7.6	7.6	6.8	7.5	7.5	7	7.5	7.5	7.3	7.5	7.4			7.5	7.5	7.3	190
195				5.8			6.2	7.6	7.6	6.6	7.5	7.5	6.8	7.5	7.5	7.1	7.5	7.4			7.3	7.5	7.3	195
200							6	7.6	7.6	6.4	7.5	7.5	6.7	7.5	7.5	6.9	7.4	7.4			7.2	7.4	7.3	200
205							5.9	7.6		6.3	7.5	7.5	6.5	7.5	7.5	6.8	7.4	7.4			7	7.4	7.3	205
210							5.8			6.1	7.5	7.5	6.4	7.5	7.5	6.6	7.4	7.4			6.8	7.3	7.3	210
215										6	7.5	7.5	6.3	7.5	7.5	6.5	7.4	7.4			6.7	7.3	7.3	215
220										5.9	7.5		6.1	7.5	7.5	6.4	7.4	7.4			6.6	7.3	7.3	220
225										5.8	7.5		6	7.5	7.5	6.2	7.4	7.4			6.5	7.3	7.3	225
230													5.9	7.5	7.5	6.1	7.4	7.4			6.3	7.2	7.3	230
235													5.9	7.5		6	7.4	7.4			6.2	7	7.2	235
240													5.7	6		6	7.4	7.4			6	6.6	6.8	240
245													3.8			5.9	7.3	7.1			5.9	6	6.1	245
250																5.7	6.1				5.8	5.8	6.1	250
255																5	5.8				5.7	5.7	6.1	255
260																3.5					5.6	5.7	6.1	260
265																					4.9	5.6		265
270																					4.3	4.8		270
275																					3.2			275

# Lifting capacities

## Forces de levage

# TVK/TVNZK



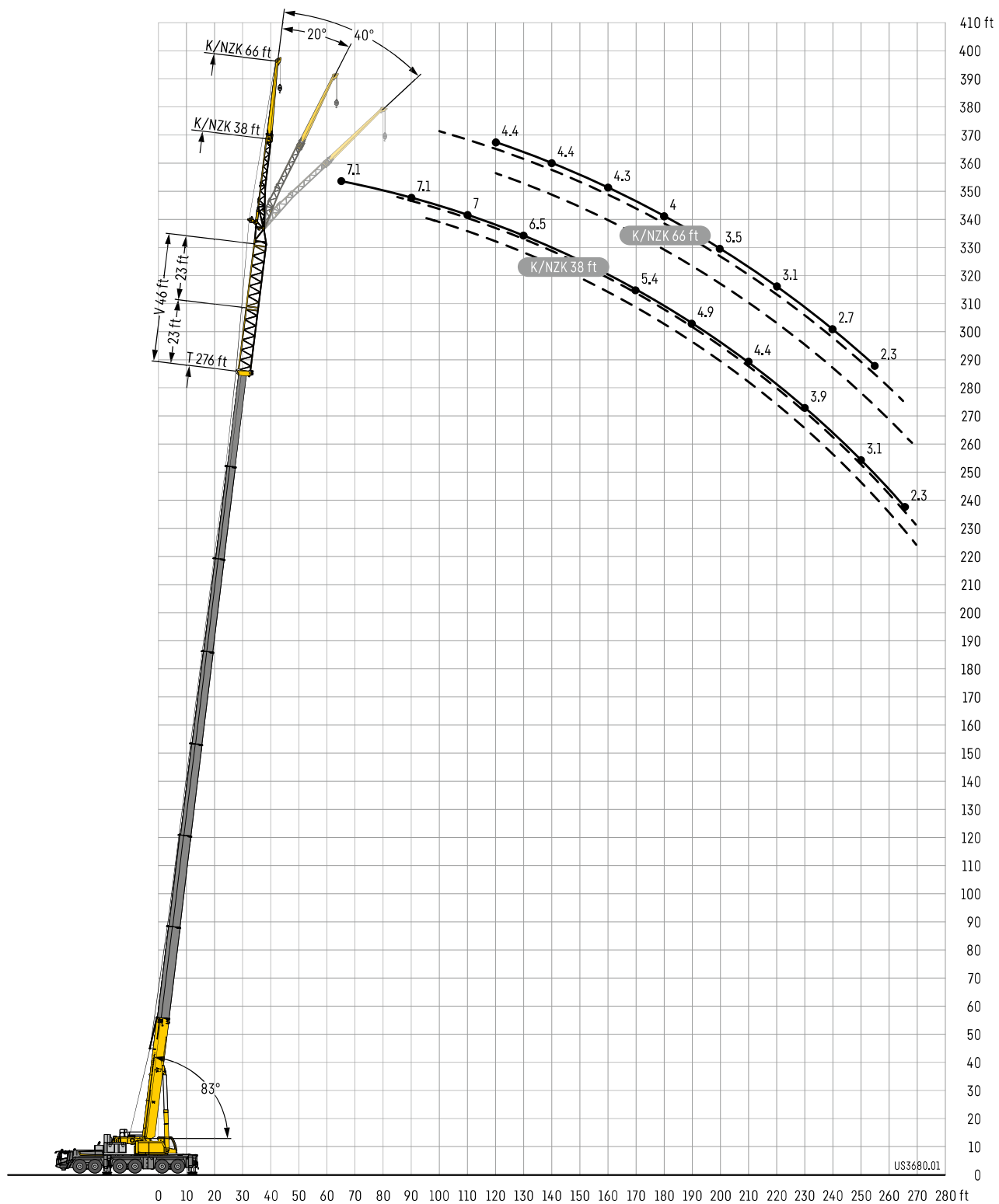
	211 ft + V 23 ft			227 ft + V 23 ft			243 ft + V 23 ft			260 ft + V 23 ft			276 ft + V 23 ft			292 ft + V 23 ft			
	K/NZK 66 ft																		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°*	40°*	
45	12.2																		45
50	12			10.8															50
55	11.9			10.7			9.7												55
60	11.8			10.6			9.6			8									60
65	11.6			10.6			9.5			8									65
70	11.5	10		10.5			9.5			8									70
75	11.3	9.8		10.4	9.4		9.4			8			6.1						75
80	11.2	9.6		10.3	9.2		9.3	8.7		7.9			6.1						80
85	11	9.4		10.2	9.1		9.3	8.6		7.7	7.3		6.1						85
90	10.9	9.3	7.9	10.1	9		9.2	8.5		7.6	7.3		6.1			3.9			90
95	10.7	9.1	7.9	10	8.8	7.7	9.1	8.4		7.5	7.3		6.1	6.1		3.9			95
100	10.5	9	7.8	9.9	8.7	7.6	9.1	8.3	7.4	7.4	7.2		6.1	6.1		3.9	4.9		100
105	10.3	8.8	7.7	9.7	8.6	7.6	9	8.2	7.3	7.4	7.2	6.9	6.1	6.1		3.9	4.9		105
110	10.2	8.7	7.7	9.6	8.4	7.5	8.9	8.1	7.3	7.3	7.2	6.9	6.1	6.1		3.9	4.9		110
115	10	8.6	7.6	9.5	8.3	7.4	8.8	8	7.2	7.3	7.2	6.9	6.1	6.1	5.8	3.9	4.9		115
120	9.8	8.5	7.6	9.3	8.2	7.4	8.7	7.9	7.2	7.2	7.1	6.9	6	6	5.8	3.9	4.9	4.8	120
125	9.6	8.4	7.5	9.2	8.1	7.4	8.6	7.8	7.2	7.2	7.1	6.9	6	6	5.8	3.9	4.9	4.8	125
130	9.5	8.3	7.4	9.1	8	7.3	8.5	7.7	7.1	7.1	7.1	6.9	6	6	5.8	3.9	4.9	4.8	130
135	9.3	8.2	7.4	8.9	8	7.3	8.5	7.7	7.1	7.1	7.1	6.9	5.9	6	5.8	3.9	4.9	4.8	135
140	9.2	8.1	7.4	8.8	7.9	7.2	8.4	7.6	7.1	7	7	6.9	5.9	6	5.8	3.9	4.9	4.8	140
145	9	8	7.3	8.7	7.8	7.2	8.2	7.5	7	6.9	6.9	6.8	5.9	6	5.8	3.9	4.9	4.8	145
150	8.8	7.9	7.3	8.6	7.7	7.2	8.1	7.5	7	6.9	6.7	6.7	5.8	6	5.8	3.9	4.9	4.8	150
155	8.6	7.8	7.3	8.4	7.6	7.2	8	7.4	7	6.8	6.6	6.5	5.8	6	5.8	3.9	4.9	4.8	155
160	8.5	7.7	7.2	8.3	7.6	7.1	7.9	7.3	7	6.7	6.5	6.4	5.8	5.9	5.8	3.9	4.8	4.8	160
165	8.3	7.6	7.2	8.1	7.5	7.1	7.7	7.3	7	6.6	6.3	6.3	5.7	5.8	5.8	3.9	4.8	4.8	165
170	8.1	7.6	7.2	7.9	7.4	7.1	7.6	7.2	7	6.4	6.2	6.2	5.7	5.7	5.8	3.9	4.8	4.8	170
175	8	7.5	7.2	7.8	7.3	7.1	7.5	7.1	6.9	6.3	6.1	6.1	5.6	5.6	5.7	3.9	4.7	4.8	175
180	7.8	7.4	7.2	7.6	7.2	7.1	7.3	7	6.9	6.2	6	6	5.4	5.5	5.6	3.9	4.7	4.8	180
185	7.6	7.3	7.2	7.4	7.1	7	7.2	6.9	6.8	6.1	5.8	5.9	5.3	5.4	5.5	3.9	4.6	4.7	185
190	7.4	7.2	7.1	7.3	7	6.9	7	6.8	6.8	5.9	5.7	5.7	5.2	5.3	5.4	3.9	4.5	4.6	190
195	7.3	7	7	7.1	6.9	6.8	6.9	6.7	6.7	5.8	5.6	5.6	5.1	5.1	5.2	3.9	4.4	4.5	195
200	7.1	6.9	6.9	7	6.7	6.8	6.8	6.6	6.6	5.7	5.5	5.5	4.9	5	5.1	3.9	4.3	4.4	200
205	7	6.8	6.8	6.8	6.6	6.7	6.7	6.5	6.5	5.6	5.4	5.4	4.8	4.9	5	3.9	4.2	4.3	205
210	6.8	6.7	6.7	6.7	6.5	6.6	6.6	6.4	6.4	5.5	5.3	5.4	4.7	4.8	4.9	3.9	4.1	4.2	210
215	6.7	6.5	6.6	6.6	6.4	6.5	6.4	6.3	6.3	5.4	5.2	5.3	4.6	4.7	4.8	3.7	4	4.1	215
220	6.6	6.4	6.5	6.5	6.3	6.4	6.3	6.2	6.3	5.3	5.1	5.2	4.5	4.6	4.7	3.5	3.9	4	220
225	6.4	6.3	6.4	6.3	6.2	6.3	6.1	6.1	6.2	5.2	5.1	5.1	4.4	4.5	4.6	3.4	3.7	3.9	225
230	6.3	6.2	6.3	6.2	6.1	6.2	5.7	6	6.1	5.1	5	5	4.2	4.4	4.5	3.2	3.6	3.8	230
235	6.2	6.1	6.3	6.1	6	6.2	5.4	5.8	6	5	4.9	5	4.1	4.2	4.4	3	3.4	3.6	235
240	6	6	6.2	6	5.9	6.1	5	5.5	5.9	4.8	4.8	4.9	3.9	4.1	4.3	2.8	3.2	3.5	240
245	5.9	5.9	6.1	5.9	5.8	6	4.8	5.2	5.5	4.4	4.7	4.8	3.8	4	4.2	2.6	3	3.3	245
250	5.8	5.8	6	5.8	5.7	5.9	4.7	4.9	5.2	4.1	4.6	4.7	3.6	3.9	4	2.4	2.8	3.1	250
255	5.7	5.7	6	5.5	5.6	5.9	4.6	4.6	4.8	3.8	4.3	4.5	3.4	3.7	3.9	2.3	2.6	2.9	255
260	5.4	5.7	5.9	5.1	5.5	5.8	4.6	4.5	4.7	3.7	4	4.2	3.2	3.6	3.8		2.5	2.7	260
265	5.1	5.4	5.4	4.6	5.2	5.5	4.5	4.5	4.6	3.6	3.7	3.9	2.9	3.4	3.6		2.3	2.5	265
270	4.9	5.1	5.1	4.4	4.8	4.9	4.4	4.4	4.6	3.5	3.6	3.7	2.6	3.1	3.4			2.3	270
275	4.5	4.8	4.8	4.2	4.4	4.6	4	4.3	4.5	3.3	3.5	3.6	2.3	2.8	3				275
280	4.2	4.4		4	4.2	4.3	3.5	4.1	4.3	3.2	3.4	3.5		2.5	2.7				280
285	3.2	3.8		3.9	4	4	3.3	3.7	3.8	3	3.3	3.4			2.4				285
290				3.5	3.8	3.7	3	3.3	3.5	2.7	3.1	3.2							290
295				2.7	3.4		2.7	3.1	3.1	2.3	2.9	3.1							295
300					2.4		2.5	2.7	2.7		2.5	2.6							300
305							2.2	2.5	2.4										305

\*only possible in TVNZK mode - uniquement possible en cas de fonctionnement de la pointe pliante hydraulique de la flèche télescopique (TVNZK)

# Lifting heights

## Hauteurs de levage

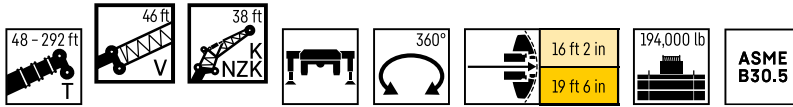
TVK/TVNZK



# Lifting capacities

## Forces de levage

# TVK/TVNZK

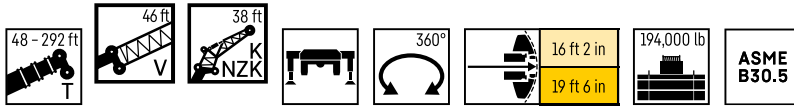


	48 ft + V 46 ft			114 ft + V 46 ft			130 ft + V 46 ft			146 ft + V 46 ft			162 ft + V 46 ft			179 ft + V 46 ft			195 ft + V 46 ft			
	K/NZK 38 ft																					
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
22	41.1																					22
24	39.6			36.6																		24
26	38.1	34.2		36																		26
28	36.7	33		35.3			34.4															28
30	35.3	31.8		34.5			33.8			32.3												30
32	33.9	30.7		33.8			33			31.7			24.7									32
34	32.6	29.5		33			32.4			31.2			24.4									34
36	31.4	28.5	23.8	32.3			31.7			30.6			24.1			22.1						36
38	30.2	27.5	23.3	31.5	27.9		31.1			30			23.8			21.8						38
40	29	26.4	22.9	30.8	27.2		30.4	27		29.5			23.5			21.6			19.7			40
45	26.2	24.2	21.9	29	25.5		28.8	25.5		28.1	25		22.7			21						45
50	23.9	22.2	20.8	27.3	24.1	21.7	27.4	24.1	21.6	26.8	23.8		21.9	20.2		20.3	18.9					50
55	21.9	20.3	19.1	25.6	22.8	20.6	25.9	22.8	20.6	25.6	22.7	20.4	21.1	19.4		19.6	18.3			18.2	17.1	55
60	20	18.5	17.6	24.2	21.4	19.6	24.5	21.7	19.7	24.3	21.6	19.5	20.3	18.7	17.3	19	17.7	16.5	17.7	16.6		60
65	18.3	17	16.2	22.8	20.3	18.7	23.1	20.6	18.8	23.1	20.5	18.7	19.5	18	16.7	18.4	17	16	17.2	16.1	15.2	65
70	16.6	15.6	15	21.5	19.3	17.8	21.9	19.5	18	22	19.6	18	18.8	17.3	16.2	17.8	16.5	15.5	16.7	15.6	14.8	70
75	15.2	14.4	13.9	20.3	18.3	16.9	20.8	18.7	17.1	21	18.7	17.2	18.1	16.6	15.6	17.2	15.9	15	16.2	15.2	14.3	75
80	14	13.3	12.9	19.2	17.3	16.1	19.8	17.8	16.4	19.9	17.9	16.5	17.4	16	15	16.6	15.4	14.5	15.7	14.7	13.9	80
85	12.9	12.3	12	18.2	16.5	15.3	18.8	16.9	15.7	19.1	17.2	15.8	16.8	15.5	14.4	16.1	14.9	14.1	15.3	14.2	13.5	85
90	11.9	11.5	11.3	17.3	15.6	14.5	17.9	16.1	15	18.2	16.4	15.2	16.1	14.9	13.9	15.5	14.4	13.6	14.8	13.8	13.1	90
95	11.1	10.8	10.6	16.3	14.9	13.9	17	15.4	14.3	17.4	15.7	14.6	15.5	14.4	13.4	15	13.9	13.1	14.4	13.4	12.8	95
100	10.4	10.2	10.1	15.5	14.1	13.2	16.2	14.8	13.7	16.6	15.1	14.1	15	13.8	12.9	14.5	13.5	12.7	13.9	13	12.4	100
105	9.8	9.7	9.6	14.7	13.4	12.6	15.4	14.1	13.1	15.9	14.4	13.5	14.5	13.3	12.5	14	13.1	12.3	13.5	12.6	12.1	105
110	9.3	9.2	9.2	13.9	12.7	12.1	14.7	13.4	12.6	15.2	13.8	13	13.9	12.8	12	13.6	12.6	11.9	13.1	12.3	11.7	110
115	8.9	8.8	8.8	13.2	12.1	11.6	14	12.8	12.1	14.5	13.3	12.5	13.4	12.4	11.7	13.2	12.2	11.6	12.7	11.9	11.4	115
120	8.4	8.4	8.2	12.5	11.5	11.2	13.3	12.2	11.6	13.8	12.7	12	13	11.9	11.3	12.7	11.8	11.2	12.4	11.6	11.1	120
125	8.1	8.1		11.9	11.1	10.7	12.7	11.7	11.2	13.2	12.2	11.6	12.5	11.6	11	12.3	11.5	10.9	12	11.3	10.8	125
130				11.3	10.7	10.4	12.1	11.2	10.9	12.6	11.7	11.2	12.1	11.2	10.7	11.9	11.1	10.7	11.7	11	10.6	130
135				10.9	10.3	10.1	11.5	10.8	10.5	12.1	11.3	10.9	11.6	10.8	10.5	11.6	10.8	10.4	11.4	10.7	10.3	135
140				10.4	10	9.8	11	10.5	10.2	11.6	10.9	10.6	11.2	10.5	10.2	11.2	10.5	10.2	11.1	10.5	10.1	140
145				10.1	9.6	9.5	10.7	10.2	9.9	11.2	10.5	10.3	10.9	10.3	10	10.9	10.3	10	10.8	10.2	9.9	145
150				9.7	9.4	9.3	10.3	9.9	9.7	10.7	10.2	10	10.5	10	9.7	10.6	10	9.7	10.5	10	9.7	150
155				9.4	9.1	9	9.9	9.6	9.4	10.4	9.9	9.8	10.3	9.8	9.5	10.4	9.8	9.6	10.3	9.8	9.5	155
160				9.1	8.8	8.8	9.6	9.3	9.2	10.1	9.7	9.5	10	9.5	9.3	10.1	9.6	9.4	10	9.6	9.4	160
165				8.8	8.6	8.6	9.3	9.1	9	9.8	9.4	9.3	9.7	9.3	9.1	9.8	9.4	9.2	9.8	9.4	9.2	165
170				8.5	8.4	8.5	9	8.8	8.8	9.5	9.1	9.1	9.5	9.1	9	9.6	9.2	9	9.6	9.2	9	170
175				8.2	8.2	8.3	8.8	8.6	8.6	9.2	8.9	8.9	9.2	8.9	8.8	9.4	9	8.8	9.4	9	8.9	175
180				8	8	8.1	8.5	8.4	8.5	8.9	8.7	8.7	9	8.7	8.6	9.2	8.8	8.7	9.2	8.8	8.7	180
185				7.8	7.8	5.6	8.3	8.2	8.3	8.7	8.5	8.5	8.8	8.5	8.5	9	8.6	8.5	9	8.7	8.5	185
190				7.7	7.8		8.1	8	8.2	8.5	8.3	8.4	8.6	8.3	8.4	8.8	8.4	8.4	8.8	8.5	8.4	190
195							7.9	7.8	7.9	8.3	8.1	8.2	8.4	8.2	8.3	8.5	8.3	8.3	8.6	8.3	8.3	195
200							7.7	7.7	5.8	8.1	8	8.1	8.3	8.1	8.1	8.4	8.2	8.2	8.4	8.2	8.2	200
205							7.5	7.7		7.9	7.8	8	8.1	7.9	8	8.2	8	8	8.2	8	8.1	205
210										7.7	7.7	7.7	7.9	7.8	7.9	8	7.9	8	8	7.9	8	210
215										7.4	7.6	5.9	7.7	7.7	7.8	7.9	7.8	7.9	7.7	7.8	7.9	215
220										6.8	7.4		7.6	7.6	7.8	7.7	7.6	7.8	7.4	7.5	7.7	220
225													7.5	7.5	7.3	7.6	7.5	7.7	6.9	7.2	7.3	225
230													7	7.4	5.6	7.5	7.4	7.7	6.3	6.7	6.9	230
235													5.5	5.5		7.3	7.4	7.6	5.8	6.1	6.2	235
240													3.7			6.2	6.9	6.8	5.7	5.7	5.8	240
245																5.4	5.5	5.4	5.6	5.6	5.7	245
250																4.8	5.3		5.5	5.5	5.6	250
255																3.4			5.3	5.4	5.6	255
260																			4.6	5.1	4.7	260
265																			4.1	4.3		265
270																			2.9	2.9		270

# Lifting capacities

## Forces de levage

# TVK/TVNZK



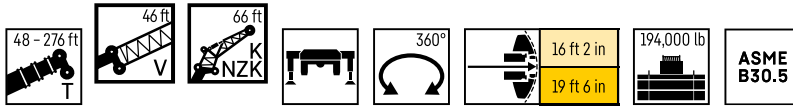
	211 ft + V 46 ft			227 ft + V 46 ft			243 ft + V 46 ft			260 ft + V 46 ft			276 ft + V 46 ft			292 ft + V 46 ft			
	K/NZK 38 ft																		
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°*	40°*	
45	15.5																		45
50	15.2			13															50
55	14.9			12.8			10.9												55
60	14.5	13.9		12.5			10.8			8.9									60
65	14.2	13.6		12.3	11.9		10.7			8.9			7.1						65
70	13.9	13.2	12.7	12.1	11.7		10.5	10.4		8.9			7.1						70
75	13.5	12.9	12.4	11.8	11.4	11.2	10.4	10.2		8.8	8.7		7.1						75
80	13.2	12.6	12.1	11.6	11.2	11	10.3	10.1	10	8.7	8.6		7.1						80
85	12.9	12.2	11.7	11.4	11	10.8	10.1	9.9	9.8	8.6	8.5		7.1	7.3					85
90	12.5	11.9	11.3	11.1	10.8	10.6	10	9.8	9.7	8.5	8.5	8.5	7.1	7.2					90
95	12.2	11.5	11	10.9	10.6	10.4	9.9	9.6	9.6	8.4	8.4	8.4	7.1	7.1	7			5.6	95
100	11.9	11.1	10.7	10.8	10.4	10.1	9.7	9.5	9.4	8.3	8.2	8.2	7.1	7.1	7			5.6	100
105	11.6	10.9	10.4	10.6	10.2	9.9	9.6	9.3	9.3	8.2	8.1	8	7.1	7	7	5.3	5.6	5.6	105
110	11.2	10.6	10.1	10.4	10	9.7	9.4	9.2	9.1	8	7.9	7.9	7	7	6.9	5.3	5.6	5.6	110
115	10.8	10.3	9.9	10.1	9.7	9.4	9.3	9.1	8.9	7.9	7.7	7.7	6.9	6.9	6.9	5.3	5.5	5.6	115
120	10.5	10	9.7	9.9	9.5	9.2	9.2	8.9	8.8	7.7	7.5	7.5	6.8	6.8	6.8	5.3	5.5	5.6	120
125	10.2	9.7	9.4	9.6	9.3	9.1	9	8.7	8.6	7.5	7.4	7.3	6.7	6.7	6.7	5.3	5.5	5.6	125
130	9.9	9.5	9.2	9.4	9	8.8	8.8	8.5	8.4	7.4	7.2	7.2	6.5	6.6	6.6	5.3	5.4	5.6	130
135	9.6	9.2	9	9.1	8.8	8.7	8.6	8.3	8.2	7.2	7	7	6.4	6.4	6.4	5.3	5.3	5.5	135
140	9.4	9	8.8	8.9	8.6	8.5	8.4	8.2	8.1	7.1	6.9	6.9	6.3	6.3	6.3	5.2	5.2	5.4	140
145	9.1	8.8	8.6	8.7	8.4	8.3	8.2	8	7.9	6.9	6.7	6.7	6.1	6.1	6.2	5.1	5.1	5.2	145
150	8.9	8.5	8.4	8.5	8.2	8.1	8	7.8	7.7	6.7	6.6	6.6	6	6	6.1	5	5	5.1	150
155	8.6	8.3	8.2	8.3	8	8	7.8	7.7	7.6	6.6	6.4	6.4	5.8	5.8	5.9	4.8	4.9	5	155
160	8.4	8.1	8.1	8.1	7.8	7.8	7.7	7.5	7.4	6.4	6.3	6.3	5.7	5.7	5.8	4.7	4.8	4.9	160
165	8.2	7.9	7.9	7.9	7.6	7.6	7.5	7.3	7.3	6.3	6.2	6.2	5.5	5.6	5.6	4.6	4.6	4.8	165
170	8	7.7	7.7	7.7	7.5	7.4	7.3	7.2	7.1	6.1	6	6	5.4	5.4	5.5	4.4	4.5	4.6	170
175	7.8	7.5	7.5	7.5	7.3	7.3	7.2	7	7	6	5.9	5.9	5.2	5.3	5.4	4.3	4.4	4.5	175
180	7.6	7.4	7.3	7.3	7.1	7.1	7	6.9	6.9	5.9	5.7	5.8	5.1	5.2	5.2	4.2	4.3	4.4	180
185	7.4	7.2	7.2	7.2	7	7	6.9	6.8	6.7	5.7	5.6	5.6	5	5.1	5.1	4.1	4.1	4.3	185
190	7.2	7	7	7	6.8	6.8	6.8	6.6	6.6	5.6	5.5	5.5	4.9	4.9	5	3.9	4	4.1	190
195	7	6.9	6.9	6.9	6.7	6.7	6.6	6.5	6.5	5.5	5.4	5.4	4.8	4.8	4.9	3.8	3.9	4	195
200	6.8	6.7	6.7	6.7	6.6	6.6	6.5	6.4	6.4	5.4	5.3	5.3	4.6	4.7	4.8	3.7	3.8	3.9	200
205	6.7	6.6	6.6	6.6	6.5	6.5	6.4	6.3	6.3	5.2	5.2	5.2	4.5	4.5	4.6	3.6	3.7	3.8	205
210	6.6	6.4	6.5	6.4	6.3	6.3	6.3	6.1	6.2	5.1	5.1	5.1	4.4	4.4	4.5	3.4	3.5	3.7	210
215	6.4	6.3	6.3	6.3	6.2	6.2	6.1	6	6.1	5	5	5	4.3	4.3	4.4	3.2	3.4	3.5	215
220	6.3	6.2	6.2	6.1	6.1	6.1	5.9	5.9	6	4.9	4.9	4.9	4.2	4.2	4.3	3.1	3.3	3.4	220
225	6.1	6	6.1	6	6	6	5.5	5.7	5.9	4.8	4.8	4.8	4	4.1	4.2	2.9	3.1	3.2	225
230	6	5.9	6	5.8	5.8	5.9	5.1	5.4	5.6	4.7	4.7	4.7	3.9	4	4	2.7	2.9	3	230
235	5.8	5.8	5.9	5.7	5.7	5.7	4.7	5.1	5.2	4.5	4.6	4.6	3.7	3.8	3.9	2.5	2.7	2.9	235
240	5.7	5.7	5.8	5.6	5.6	5.7	4.6	4.7	4.9	4.2	4.4	4.5	3.5	3.7	3.7	2.3	2.5	2.7	240
245	5.6	5.5	5.6	5.5	5.5	5.6	4.5	4.4	4.5	3.9	4.1	4.3	3.4	3.5	3.6		2.4	2.5	245
250	5.5	5.5	5.6	5.2	5.4	5.5	4.4	4.4	4.4	3.6	3.8	4	3.1	3.3	3.4			2.3	250
255	5.1	5.3	5.5	4.8	5.1	5.3	4.3	4.3	4.3	3.5	3.5	3.7	2.8	3.1	3.3				255
260	4.9	5	5	4.3	4.7	4.9	4.2	4.2	4.3	3.3	3.4	3.5	2.6	2.8	3				260
265	4.7	4.8	4.8	4.2	4.2	4.3	4.1	4.1	4.2	3.2	3.3	3.3	2.3	2.6	2.7				265
270	4.2	4.6	4.5	3.9	4.1	4.1	3.7	4	4	3	3.1	3.2		2.2	2.4				270
275	3.9	4	4	3.8	3.8	3.9	3.2	3.6	3.7	2.9	3	3.1							275
280	2.9	3.5	2.9	3.6	3.7	3.7	3	3.1	3.2	2.8	2.8	2.9							280
285				3.2	3.4	3.4	2.7	2.9	3	2.4	2.7	2.7							285
290				2.3	2.8	2.6	2.3	2.6	2.6		2.4	2.4							290
295								2.2	2.2										295

\*only possible in TVNZK mode - uniquement possible en cas de fonctionnement de la pointe pliante hydraulique de la flèche télescopique (TVNZK)

# Lifting capacities

## Forces de levage

# TVK/TVNZK

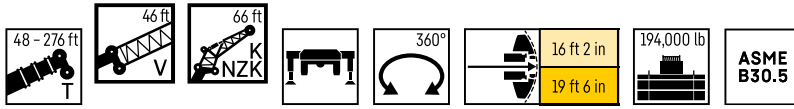


	48 ft + V 46 ft			114 ft + V 46 ft			130 ft + V 46 ft			146 ft + V 46 ft			162 ft + V 46 ft			179 ft + V 46 ft			195 ft + V 46 ft				
	K/NZK 66 ft																						
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
26	17.8																					26	
28	17.8			16.1																		28	
30	17.7			16.2			15.9															30	
32	17.6			16.2			15.8			15.3												32	
34	17.5			16.1			15.8			15.3												34	
36	17.4			16.1			15.7			15.2			13.5									36	
38	17.2			16			15.7			15.2			13.5									38	
40	17	13.6		15.9			15.6			15.1			13.5			12.6						40	
45	16.4	13		15.7			15.4			15			13.4			12.6				11.8		45	
50	15.8	12.4		15.5			15.2			14.8			13.2			12.4				11.6		50	
55	15.1	11.7		15.2	12.1		15	12.1		14.6			13			12.2				11.4		55	
60	14.4	11.2	9.2	14.9	11.7		14.8	11.7		14.4	11.6		12.7			11.9				11.2		60	
65	13.7	10.8	8.9	14.5	11.3		14.4	11.3		14.1	11.3		12.4	10.7		11.7	10.5			11		65	
70	12.9	10.5	8.8	14	11	8.9	13.9	11	8.9	13.7	11		12.1	10.5		11.4	10.3			10.8	10	70	
75	12.1	10.1	8.6	13.4	10.7	8.7	13.4	10.7	8.7	13.3	10.7	8.7	11.7	10.3		11.1	10.1			10.6	9.8	75	
80	11.5	9.8	8.4	12.9	10.4	8.6	13	10.5	8.6	12.8	10.5	8.5	11.4	10.1	8.4	10.9	9.9			10.4	9.7	80	
85	10.8	9.5	8.3	12.4	10.2	8.4	12.5	10.3	8.4	12.4	10.3	8.4	11.1	9.9	8.3	10.6	9.7	8.2		10.2	9.5	85	
90	10.2	9.2	8.1	11.9	9.9	8.3	12	10	8.4	11.9	10.1	8.4	10.8	9.7	8.2	10.4	9.5	8.1		10	9.4	8	90
95	9.6	9	8	11.4	9.7	8.2	11.6	9.8	8.2	11.5	9.9	8.2	10.6	9.5	8.1	10.2	9.4	8		9.8	9.2	7.9	95
100	9.1	8.7	7.9	11	9.5	8.1	11.1	9.6	8.2	11.2	9.7	8.1	10.3	9.3	8	9.9	9.2	7.9		9.6	9	7.8	100
105	8.6	8.3	7.8	10.6	9.3	8	10.8	9.4	8.1	10.8	9.5	8.1	10	9.2	7.9	9.7	9	7.8		9.4	8.9	7.8	105
110	8.1	7.9	7.7	10.2	9.1	7.9	10.4	9.2	8	10.5	9.3	8	9.7	9	7.8	9.5	8.9	7.8		9.2	8.7	7.7	110
115	7.7	7.5	7.5	9.8	8.9	7.9	10.1	9	7.9	10.2	9.1	7.9	9.5	8.8	7.8	9.2	8.7	7.7		9	8.5	7.6	115
120	7.3	7.2	7.2	9.4	8.7	7.8	9.7	8.8	7.8	9.9	9	7.8	9.2	8.6	7.7	9	8.5	7.7		8.8	8.3	7.6	120
125	6.9	6.8	6.9	9.1	8.4	7.7	9.4	8.6	7.7	9.6	8.8	7.7	9	8.4	7.6	8.8	8.2	7.6		8.6	8.1	7.5	125
130	6.6	6.5	6.6	8.7	8.2	7.7	9.1	8.4	7.7	9.3	8.6	7.7	8.7	8.2	7.6	8.6	8	7.5		8.4	7.9	7.5	130
135	6.3	6.3	6.3	8.4	8	7.6	8.7	8.1	7.6	9	8.3	7.6	8.5	7.9	7.5	8.4	7.8	7.4		8.2	7.7	7.4	135
140	6	6	6.1	8.1	7.7	7.5	8.4	7.9	7.5	8.7	8.1	7.5	8.2	7.7	7.4	8.2	7.6	7.3		8	7.5	7.2	140
145	5.7	5.8	5.9	7.8	7.4	7.3	8.2	7.7	7.4	8.4	7.8	7.4	8	7.5	7.2	8	7.5	7.2		7.8	7.4	7.1	145
150	5.5	5.5		7.5	7.2	7.1	7.9	7.5	7.3	8.1	7.6	7.3	7.8	7.3	7.1	7.7	7.3	7.1		7.6	7.2	6.9	150
155				7.3	7	6.9	7.6	7.3	7.1	7.9	7.4	7.2	7.6	7.1	6.9	7.5	7.1	6.9		7.4	7	6.8	155
160				7	6.8	6.7	7.4	7	6.9	7.6	7.2	7	7.4	7	6.8	7.3	6.9	6.7		7.2	6.9	6.7	160
165				6.8	6.6	6.5	7.2	6.8	6.7	7.4	7	6.9	7.1	6.8	6.7	7.1	6.8	6.6		7.1	6.7	6.5	165
170				6.6	6.4	6.4	6.9	6.6	6.6	7.2	6.9	6.7	7	6.6	6.5	7	6.6	6.5		6.9	6.6	6.4	170
175				6.4	6.2	6.2	6.7	6.5	6.4	7	6.7	6.6	6.8	6.5	6.4	6.8	6.5	6.3		6.8	6.4	6.3	175
180				6.2	6	6.1	6.5	6.3	6.3	6.8	6.5	6.4	6.6	6.3	6.3	6.6	6.3	6.2		6.6	6.3	6.2	180
185				6	5.9	6	6.3	6.1	6.2	6.6	6.3	6.3	6.4	6.2	6.2	6.5	6.2	6.1		6.5	6.1	6.1	185
190				5.8	5.7	5.8	6.1	6	6	6.4	6.2	6.1	6.3	6	6	6.3	6	6		6.3	6	6	190
195				5.6	5.6	5.7	6	5.8	5.9	6.2	6	6	6.1	5.9	5.9	6.2	5.9	5.9		6.2	5.9	5.9	195
200				5.5	5.4	5.7	5.8	5.7	5.8	6.1	5.9	5.9	6	5.8	5.8	6	5.8	5.8		6	5.8	5.8	200
205				5.3	5.3	5.6	5.6	5.6	5.7	5.9	5.7	5.8	5.8	5.7	5.7	5.9	5.7	5.7		5.9	5.7	5.7	205
210				5.2	5.3		5.5	5.4	5.6	5.7	5.6	5.7	5.7	5.6	5.6	5.8	5.6	5.6		5.8	5.6	5.6	210
215				5.1	5.2		5.3	5.3	5.6	5.6	5.5	5.6	5.6	5.4	5.5	5.6	5.5	5.6		5.6	5.5	5.5	215
220							5.2	5.2	5.6	5.5	5.4	5.6	5.4	5.3	5.5	5.5	5.4	5.5		5.5	5.4	5.4	220
225							5.1	5.2		5.3	5.3	5.5	5.3	5.2	5.4	5.4	5.3	5.4		5.4	5.3	5.4	225
230							5	5.1		5.2	5.2	5.5	5.2	5.2	5.4	5.3	5.2	5.3		5.3	5.2	5.3	230
235							4.6			5.1	5.1	5.5	5.1	5.1	5.3	5.2	5.1	5.3		5.2	5.1	5.2	235
240										5	5		5	5	5.3	5.1	5	5.2		5.1	5	5.2	240
245										4.8	5		4.9	4.9	5.3	5	5	5.2		5	5	5.1	245
250										3.8			4.9	4.9	5.3	4.9	4.9	5.1		4.9	4.9	5.1	250
255													4.8	4.9		4.8	4.8	5.1		4.5	4.8	5.1	255
260													4.3	4.9		4.8	4.8	5.1		4	4.6	4.9	260
265													3.7			4.6	4.7	5.1		3.9	4.1	4.3	265
270																3.7	4.6	4.1		3.8	3.8	4	270
275																3.7	3.8			3.8	3.8	4	275
280																2.7				3.6	3.7	4	280
285																				3.4	3.7	3.7	285
290																				2.9	3.4		290
295																					2.6		295

# Lifting capacities

## Forces de levage

# TVK/TVNZK

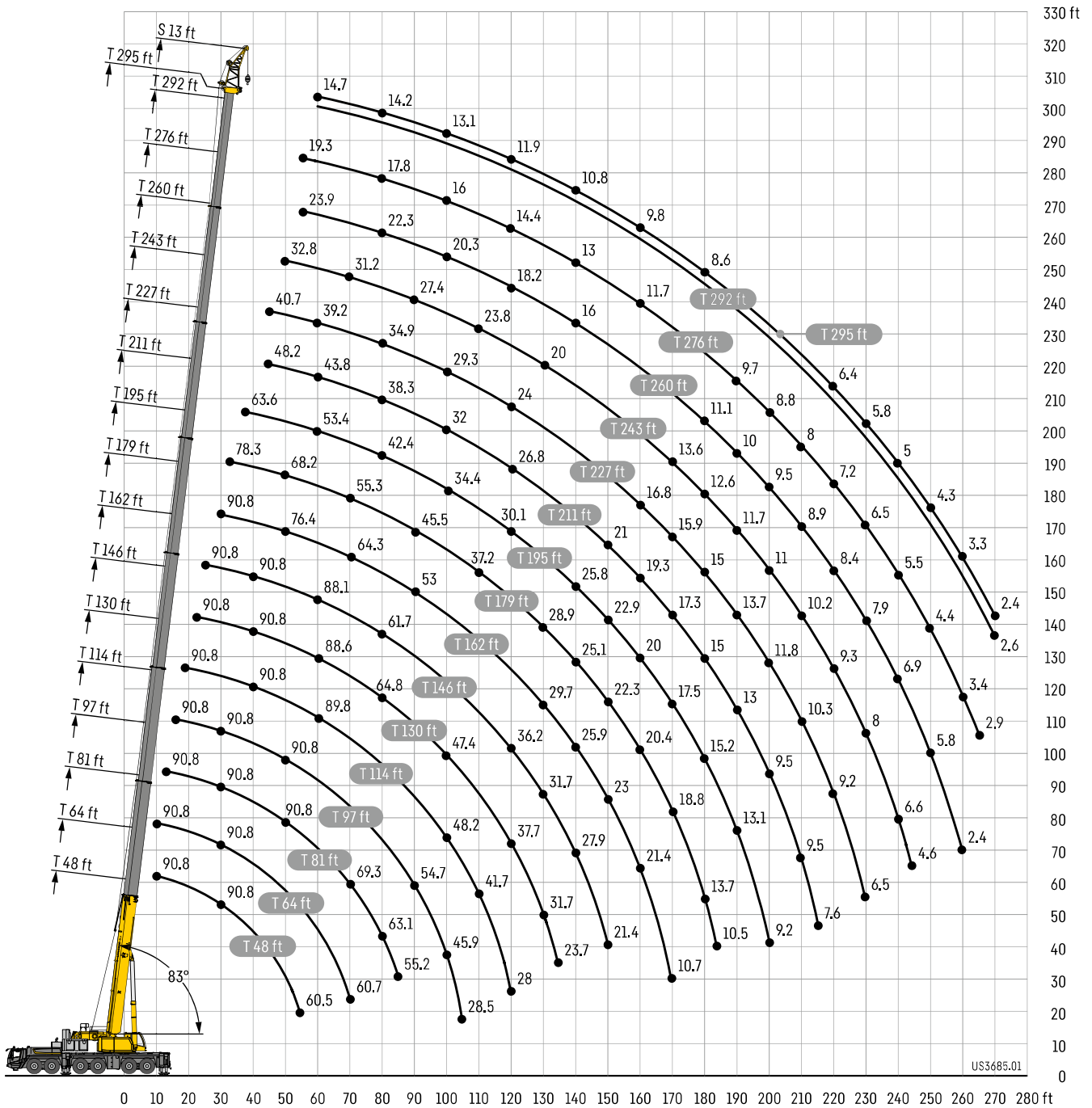


	211 ft + V 46 ft			227 ft + V 46 ft			243 ft + V 46 ft			260 ft + V 46 ft			276 ft + V 46 ft			
	K/NZK 66 ft															
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
50	9.9															50
55	9.8			8.8												55
60	9.7			8.7			7.5									60
65	9.5			8.6			7.5									65
70	9.4			8.5			7.5									70
75	9.2			8.3			7.5									75
80	9.1	8.8		8.2			7.4			5.7						80
85	9	8.7		8.1	7.9		7.3			5.7						85
90	8.8	8.5		8	7.8		7.2	6.9		5.7						90
95	8.6	8.3	7.6	7.9	7.7		7.1	6.9		5.7	5.6					95
100	8.5	8.2	7.5	7.8	7.5	7.2	7	6.8		5.7	5.6			4.4		100
105	8.3	8	7.5	7.6	7.4	7.2	6.9	6.8	6.3	5.7	5.6			4.4		105
110	8.2	7.8	7.4	7.5	7.3	7.1	6.8	6.7	6.3	5.7	5.5			4.4		110
115	8	7.7	7.4	7.4	7.1	7	6.7	6.6	6.3	5.6	5.5	5.3		4.4		115
120	7.9	7.5	7.2	7.3	7	6.8	6.6	6.5	6.3	5.6	5.5	5.3	4.4	4.4	4.3	120
125	7.7	7.4	7	7.2	6.9	6.7	6.5	6.4	6.3	5.6	5.5	5.3	4.4	4.4	4.3	125
130	7.6	7.2	6.9	7	6.8	6.6	6.4	6.3	6.2	5.5	5.5	5.3	4.4	4.4	4.3	130
135	7.4	7	6.7	6.9	6.6	6.5	6.3	6.2	6.1	5.5	5.4	5.3	4.4	4.4	4.3	135
140	7.3	6.8	6.6	6.8	6.5	6.3	6.3	6.1	6	5.4	5.4	5.3	4.4	4.4	4.3	140
145	7.1	6.7	6.4	6.6	6.4	6.2	6.2	6	5.9	5.4	5.3	5.3	4.4	4.4	4.3	145
150	7	6.5	6.3	6.5	6.2	6.1	6.1	5.9	5.8	5.3	5.2	5.2	4.4	4.4	4.3	150
155	6.8	6.3	6.2	6.4	6.1	5.9	6	5.8	5.7	5.2	5.1	5.1	4.4	4.4	4.3	155
160	6.6	6.2	6	6.3	6	5.8	5.9	5.7	5.6	5.1	5	5	4.3	4.4	4.3	160
165	6.4	6.1	5.9	6.2	5.9	5.7	5.8	5.6	5.5	4.9	4.8	4.9	4.3	4.4	4.3	165
170	6.3	5.9	5.8	6	5.7	5.6	5.7	5.5	5.4	4.8	4.7	4.8	4.2	4.4	4.3	170
175	6.1	5.8	5.7	5.9	5.6	5.5	5.6	5.4	5.3	4.7	4.6	4.7	4.1	4.3	4.3	175
180	6	5.7	5.6	5.8	5.5	5.4	5.5	5.3	5.2	4.6	4.5	4.5	4	4.1	4.2	180
185	5.8	5.6	5.5	5.6	5.4	5.3	5.4	5.2	5.1	4.5	4.4	4.5	3.9	4	4.2	185
190	5.7	5.4	5.4	5.5	5.3	5.2	5.3	5.1	5.1	4.4	4.3	4.4	3.7	3.9	4.1	190
195	5.5	5.3	5.3	5.4	5.2	5.1	5.1	5	5	4.3	4.2	4.3	3.6	3.8	4	195
200	5.4	5.2	5.2	5.2	5.1	5	5	4.9	4.9	4.2	4.1	4.2	3.5	3.7	3.9	200
205	5.3	5.1	5.1	5.1	5	5	4.9	4.8	4.8	4.1	4	4.1	3.4	3.6	3.8	205
210	5.1	5	5	5	4.9	4.9	4.8	4.7	4.8	4	4	4	3.3	3.5	3.6	210
215	5	4.9	4.9	4.9	4.8	4.8	4.7	4.6	4.7	3.9	3.9	3.9	3.2	3.3	3.5	215
220	4.9	4.7	4.8	4.8	4.7	4.7	4.6	4.5	4.6	3.8	3.8	3.8	3.1	3.2	3.4	220
225	4.8	4.6	4.7	4.6	4.6	4.6	4.5	4.4	4.5	3.7	3.7	3.7	3	3.1	3.3	225
230	4.6	4.5	4.6	4.5	4.5	4.5	4.4	4.3	4.4	3.6	3.6	3.7	2.9	3	3.2	230
235	4.5	4.4	4.5	4.5	4.4	4.4	4.4	4.3	4.3	3.5	3.5	3.6	2.8	2.9	3.1	235
240	4.4	4.4	4.4	4.4	4.3	4.4	4.2	4.2	4.3	3.4	3.5	3.5	2.7	2.8	3	240
245	4.3	4.3	4.3	4.3	4.2	4.3	4	4.1	4.2	3.3	3.4	3.4	2.6	2.7	2.9	245
250	4.2	4.2	4.3	4.1	4.1	4.2	3.7	4	4.1	3.2	3.3	3.4	2.4	2.6	2.8	250
255	4.1	4.1	4.2	4	4	4.1	3.4	3.8	4	3.1	3.2	3.3	2.3	2.5	2.7	255
260	4	4	4.1	4	3.9	4	3.2	3.6	3.8	2.9	3.2	3.2		2.4	2.6	260
265	3.9	4	4.1	3.9	3.8	4	3.1	3.3	3.5	2.7	3.1	3.2		2.3	2.5	265
270	3.8	3.8	4	3.8	3.8	3.9	3	3	3.2	2.4	2.8	3			2.3	270
275	3.8	3.8	3.9	3.6	3.7	3.9	2.9	3	3.1		2.6	2.8				275
280	3.7	3.7	3.9	3.2	3.6	3.8	2.9	2.9	3		2.3	2.5				280
285	3.5	3.6	3.7	2.9	3.4	3.6	2.8	2.8	2.9							285
290	3.4	3.5	3.5	2.8	3	3.2	2.6	2.8	2.9							290
295	3	3.3	3.2	2.6	2.8	2.9	2.2	2.7	2.8							295
300	2.5	2.9	2.8	2.4	2.6	2.6		2.4	2.6							300
305		2.4		2.2	2.4	2.4										305
310					2.2											310

# Lifting heights

## Hauteurs de levage

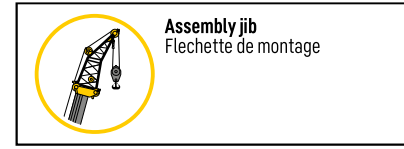
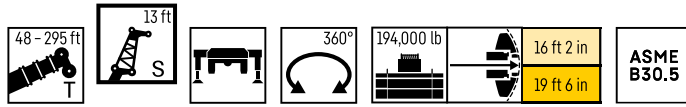
TS



# Lifting capacities

## Forces de levage

# TS 13 ft



	48 ft	64 ft	81 ft	97 ft	114 ft	130 ft	146 ft	162 ft	179 ft	195 ft	211 ft	227 ft	243 ft	260 ft	276 ft	292 ft	295 ft		
	S 13 ft																		
10	90.8	90.8																10	
11	90.8	90.8																11	
12	90.8	90.8																12	
13	90.8	90.8	90.8															13	
14	90.8	90.8	90.8															14	
15	90.8	90.8	90.8															15	
16	90.8	90.8	90.8	90.8														16	
17	90.8	90.8	90.8	90.8														17	
18	90.8	90.8	90.8	90.8														18	
19	90.8	90.8	90.8	90.8	90.8													19	
20	90.8	90.8	90.8	90.8	90.8													20	
22	90.8	90.8	90.8	90.8	90.8	90.8												22	
24	90.8	90.8	90.8	90.8	90.8	90.8	90.8											24	
26	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8										26	
28	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8										28	
30	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8									30	
32	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90										32	
34	90.8	90.8	90.8	90.8	90.8	90.8	90.8	88.6	78.3									34	
36	90.8	90.8	90.8	90.8	90.8	90.8	90.8	87	78.3									36	
38	90.2	90.8	90.8	90.8	90.8	90.8	90.8	85.3	77.1	63.6								38	
40	86.5	90.8	90.8	90.8	90.8	90.8	90.8	83.7	75.7	63.6								40	
45	69.3	90.8	90.8	90.8	90.8	90.8	90.8	79.8	71.7	62.9	48.2	40.7						45	
50	64.2	87.5	90.8	90.8	90.8	90.8	90.8	76.4	68.2	60.1	46.6	40.7	32.8					50	
55	60.5	73.1	89.9	90.8	90.8	90.8	90.6	73.3	64.6	56.5	45.2	40.1	32.8	23.9	19.3			55	
60		67.2	85.9	90.6	89.8	88.6	88.1	70.1	61.3	53.4	43.8	39.2	32.6	23.7	19.2	15.1	14.7	60	
65		63.5	78.3	86.1	84.1	83.5	80.1	67.1	58.1	50.3	42.4	38.2	31.9	23.4	18.9	15	14.7	65	
70		60.7	69.3	78	76.5	77	73.2	64.3	55.3	47.6	41.2	37.1	31.2	23.1	18.5	14.9	14.5	70	
75			65.9	70.9	70.3	70.6	67	61.7	52.5	44.9	39.8	36	30.2	22.7	18.1	14.7	14.4	75	
80			63.1	64.8	66.1	64.8	61.7	59.3	50.1	42.4	38.3	34.9	29.3	22.3	17.8	14.5	14.2	80	
85			55.2	59.4	60.9	59.5	57.1	56.7	47.8	39.8	36.8	33.6	28.3	21.8	17.3	14.2	13.9	85	
90				54.7	56.1	54.6	52.8	53	45.5	37.7	35.2	32.2	27.4	21.3	16.9	13.9	13.6	90	
95				51.7	51.9	50.5	50.5	49.5	43.2	35.6	33.6	30.7	26.5	20.8	16.5	13.6	13.4	95	
100				45.9	48.2	47.4	47.9	46.1	41.1	34.4	32	29.3	25.6	20.3	16	13.3	13.1	100	
105				28.5	44.8	44.2	44.7	42.8	39	33.2	30.4	27.9	24.7	19.8	15.6	12.9	12.7	105	
110					41.7	41.5	41.5	39.6	37.2	32.2	29.1	26.6	23.8	19.2	15.2	12.6	12.5	110	
115					36.6	39.9	38.7	36.8	35.4	31.1	27.9	25.3	22.9	18.7	14.8	12.4	12.2	115	
120					28	37.7	36.2	34.2	33.4	30.1	26.8	24	22	18.2	14.4	12.1	11.9	120	
125						35.4	33.9	31.9	31.1	29.1	25.7	22.8	21	17.6	14	11.8	11.6	125	
130						31.7	31.7	29.7	28.9	28	24.7	21.6	20	17.1	13.7	11.5	11.4	130	
135						23.7	29.7	27.8	27	26.9	23.8	20.4	19	16.5	13.3	11.2	11.1	135	
140							27.9	25.9	25.1	25.8	22.8	19.4	18	16	13	10.9	10.8	140	
145							24.7	24.4	23.4	24.5	21.9	18.7	17	15.5	12.6	10.6	10.6	145	
150							21.4	23	22.3	22.9	21	17.9	16.1	15	12.3	10.4	10.3	150	
155								22.1	21.3	21.4	20.1	17.3	15.2	14.5	12	10.1	10.1	155	
160								21.4	20.4	20	19.3	16.8	14.6	13.9	11.7	9.9	9.8	160	
165								17.1	19.6	18.7	18.5	16.4	14.1	13.1	11.4	9.6	9.5	165	
170								10.7	18.8	17.5	17.3	15.9	13.6	12.4	11.1	9.3	9.2	170	
175									16.5	16.3	16.1	15.5	13.1	11.7	10.7	8.9	8.9	175	
180									13.7	15.2	15	15	12.6	11.1	10.4	8.7	8.6	180	
185									10.5	14.3	14	14.4	12.1	10.6	10	8.4	8.3	185	
190										13.1	13	13.7	11.7	10	9.7	8.1	8	190	
195										11.9	12.3	12.7	11.3	9.7	9.2	7.8	7.8	195	
200										9.2	11.9	11.8	11	9.5	8.8	7.5	7.5	200	
205											11.4	11	10.7	9.2	8.4	7.2	7.2	205	
210											9.5	10.3	10.2	8.9	8	7	6.9	210	
215											7.6	9.7	9.9	8.7	7.6	6.8	6.7	215	
220												9.2	9.3	8.4	7.2	6.5	6.4	220	
225												7.9	8.6	8.2	6.9	6.3	6.1	225	
230												6.5	8	7.9	6.5	5.9	5.8	230	
235													7.5	7.5	6	5.6	5.4	235	
240														6.6	6.9	5.5	5.3	240	
245														4.6	6.4	5	4.9	245	
250															5.8	4.4	4.5	250	
255															4.5	3.9	4	255	
260															2.4	3.4	3.6	260	
265																2.9	3.1	2.8	265
270																	2.6	2.4	270

# Equipment

## Crane carrier

<b>Frame</b>	Self-manufactured, weight-optimized and torsion resistant box-type design of high-tensile structural steel.
<b>Outriggers</b>	4-point supporting system, hydraulically telescopic into horizontal and vertical direction. Automatic levelling of crane. Electronic inclination indicator.
<b>Engine</b>	8-cylinder Diesel, make Liebherr, watercooled, output 455 kW (619 h.p.), max. torque 2262 lb-ft. Exhaust emissions to (EU 2016/1628 and EPA/CARB or ECE-R.96, spark arrestor. Fuel reservoir: 214 gallons.
<b>Transmission</b>	Automatic transmission system with torque converter and intarder, make ZF. 12 forward speeds and 2 reverse speeds, transfer case with transfer differential.
<b>Axles</b>	Low maintenance carrier axles, all 6 axles steered. Axle 3, 5 and 6 are equipped with planetary gears, all driven axles with transverse differential locks.
<b>Suspension</b>	All axles are mounted on hydropneumatic suspension – "Niveaumatik suspension" and are lockable hydraulically.
<b>Tyres</b>	12 tyres. Size of tyres: 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 2 <sup>nd</sup> to 6 <sup>th</sup> axle. Additional brakes: exhaust flap brake, intarder in gearbox, Telma Eddy current brake (optional).
<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.

## Crane superstructure

<b>Frame</b>	Liebherr-manufactured, torsionally rigid steel construction made from high-tensile fine-grain steel. Triple-roller slewing rim.
<b>Crane drive</b>	Mechanical drive of the crane hydraulic from the chassis. Variable axial piston pumps with servo control and power regulation.
<b>Control</b>	Two self-centering control levers (joy-sticks). Pedal switches for telescoping. Infinitely variable crane motions through displacement control of the hydraulic pumps. Additional working speed control by variation of the Diesel engine speed.
<b>Hoist gear</b>	Axial piston variable displacement motor, hoist drum with integrated planetary gear and spring-loaded static brake. Actuation by closed regulated oil circuit.
<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. Actuation by closed regulated oil circuit.
<b>Crane cab</b>	Large screen area, compound glass, comfort furnishing, cabin tiltable 20° to rear.
<b>Safety devices</b>	LICCON3 safe load indicator, test system, hoist limit switch, safety valves to prevent pipe and hose ruptures.
<b>Telescopic boom</b>	1 base section and 7 telescopic sections. All telescopic sections extendable individually by means of the rapid-cycle telescoping system TELEMATIK. Boom length 48 ft to 295 ft.
<b>Counterweight</b>	149,900 lb
<b>Electrical system</b>	Modern data bus technique. 24 Volt DC.

## Additional equipment

<b>K</b>	Double swing-away jib 38 ft – 66 ft Mechanical adjustment 0°, 20°, 40°.
<b>NZK</b>	Hydraulically adjustable swing-away jib 38 ft – 66 ft Hydraulically adjustment 0° – 40°
<b>V</b>	Telescopic boom extension 2 x 23 ft
<b>NZF</b>	Fixed lattice jib 26 ft – 141 ft Hydraulic adjustment 0° – 45°
<b>S</b>	Powerful jib 13 ft – 128 ft
<b>2nd hoist gear</b>	For two-hook operation or for operation with swing-away jib if the hoist rope shall remain reeved.
<b>Tyres</b>	12 tyres. size 525/80 R 25 (20.5 R 25).
<b>Drive 12 x 8</b>	Additional drive of the 4 <sup>th</sup> axle, all driven axles with transverse differential locks.
<b>Additional counterweight</b>	44,100 lb for a total counterweight of 194,000 lb.

Other items of equipment available on request.

# Équipement

## Châssis porteur

<b>Cadre</b>	Construction en caisse résistante à la torsion et optimisée en poids réalisée par Liebherr en acier de construction à grain fin très rigide.
<b>Calage</b>	Dispositif de calage horizontal et vertical en 4 points, entièrement déployable hydrauliquement. Nivellement automatique du calage. Indicateurs électroniques d'inclinaison.
<b>Moteur</b>	Moteur diesel, 8 cylindres, fabriqué par Liebherr, à refroidissement par eau, de 455 kW (619 ch), couple max. 2262 lb-ft. Emissions des gaz d'échappement conformes aux directives (EU) 2016/1628 et EPA/CARB ou ECE-R.96, pare-étincelles. Capacité du réservoir à carburant: 214 gallons.
<b>Boîte de vitesse</b>	Boîte automatique avec convertisseur de couple et ralentisseur, marque ZF. 12 marches AV et 2 marches AR, boîte de transfert avec différentiel répartiteur.
<b>Essieux</b>	Essieux nécessitant peu d'entretien, les 6 essieux sont directeurs. Les essieux 3, 5 et 6 sont des essieux planétaires, tous les essieux moteurs avec différentiel transversal.
<b>Suspension</b>	Suspension hydropneumatique «Niveaumatik» - sur tous les essieux. Chaque essieu peut être bloqué hydrauliquement.
<b>Pneumatiques</b>	12 pneus. 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 6. Freins auxiliaire : par clapet sur échappement, ralentisseur monté sur boîte de vitesse, frein Telma (option).
<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.

## 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>Entraînement</b>	Entraînement mécanique de l'hydraulique de la grue par le châssis de la grue. Pompes réglables à pistons axiaux avec servocommande et réglage de puissance.
<b>Commande</b>	2 leviers à 4 directions avec rappel automatique au point mort. Commande des mouvements progressive en continu par variation de l'inclinaison des pompes et augmentation du régime moteur.
<b>Mécanisme de levage</b>	Moteur hydraulique à cylindrée variable, treuil avec réducteur planétaire à frein d'arrêt à lamelles intégrées, en circuit hydraulique ferme.
<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 en circuit hydraulique ferme.
<b>Cabine de grue</b>	Construction en tôle d'acier entièrement zinguée avec peinture par poudrage et cuisson au four, avec glaces de sécurité, appareils de commande et de contrôle, équipement confortable. Cabine inclinable vers l'arrière.
<b>Dispositif de sécurité</b>	Contrôleur de charge, «LICCON3», système test, limitation de la course pour le levage, soupape de sûreté contre la rupture de tubes et de tuyaux.
<b>Flèche télescopique</b>	Un élément de base et de 7 télescopes. Chaque partie peut être télescopée individuellement à l'aide du système de télescopage séquentiel rapide TELEMATIK. Longueur de flèche: 48 ft - 295 ft.
<b>Contrepoids</b>	149,900 lb
<b>Installation électrique</b>	Technique moderne de transmission de données. Courant continu 24 Volts.

## Équipement supplémentaire

<b>K</b>	Double fléchette pliante 38 ft - 66 ft. Réglage mécanique 0°, 20°, 40°.
<b>NZK</b>	Fléchette pliante à positionnement hydraulique 38 ft - 66 ft. Positionnement hydraulique à 0° - 40°
<b>V</b>	Rallonge flèche télescopique 2 x 23 ft
<b>NZF</b>	Fléchette treillis fixe 26 ft - 141 ft. Positionnement hydraulique à 0° - 45°
<b>S</b>	Fléchette particulièrement puissante 13 ft - 128 ft
<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>Pneumatiques</b>	12 pneus. Taille: 525/80 R 25 (20.5 R 25).
<b>Entraînement 12 x 8</b>	Essieu 4 est entraîné additionnellement, tous les essieux moteurs avec différentiel transversal.
<b>Contrepoids additionnel</b>	44,100 lb pour un contrepoids total de 194,000 lb.
<b>Autres équipements supplémentaires sur demande.</b>	

# Description of symbols

## Explication des symboles

	<b>Max. capacity</b> Capacité max.		<b>Outriggers front</b> Calage avant		<b>Radius</b> Portée
	<b>Max. hoist height</b> Hauteur de levage max.		<b>Outriggers rear</b> Calage arrière		<b>Telescopic boom</b> Flèche télescopique
	<b>Max. radius</b> Portée max.		<b>Crane superstructure</b> Partie tournante de la grue		<b>Mechanically/hydraulically adjustable folding jib</b> Pointe pliante réglable mécaniquement/hydrauliquement
	<b>Tyres</b> Pneumatiques		<b>infinitely variable</b> en continu		<b>Telescopic boom extension</b> Rallonge flèche télescopique
	<b>Hookblock/Capacity</b> Moufle à crochet/Capacité de charge		<b>Rope diameter</b> Diamètre		<b>Powerful jib</b> Fléchette particulièrement puissante
	<b>No. of sheaves</b> Poulies		<b>Rope length</b> Longueur du câble		<b>Hydraulic lattice jib</b> Fléchette treillis hydraulique
	<b>No. of lines</b> Brins		<b>Max. single line pull</b> Effort au brin maxi.		
	<b>Weight</b> Poids		<b>Hoist gear</b> Treuil de levage		
	<b>Crane carrier</b> Châssis porteur		<b>Slewing speeds</b> Vitesses d'orientation		
	<b>Driving speed</b> Vitesse de translation		<b>Boom length</b> Longueur de la flèche		
	<b>Gradability</b> Aptitude à gravir les pentes		<b>Boom position</b> Position de la flèche		
	<b>Transmission</b> Boîte de vitesse		<b>Counterweight</b> Contrepoids		
	<b>Gear</b> Vitesse		<b>Counterweight radius</b> Rayon de contrepoids		
	<b>Onroad gear</b> Vitesse de route		<b>Outriggers</b> Calage		
	<b>Driving speed - Crawl speed</b> Vitesse de translation - Marche lente		<b>Slewing gear / Working area</b> Mécanisme d'orientation / Plage de travail		
	<b>Max. supporting forces</b> Forces d'appui max.		<b>Standard</b> Norme		

## 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. The lifting capacities stated are valid for lifting operation only (corresponding with crane classification according to ISO 4301-1, crane group A1).
4. Lifting capacities are given in kip.
5. The weight of the hook blocks and hooks is part of the load and therefore it must be deducted from the lifting capacities.
6. Working radii are measured from the slewing centre.
7. The stated lengths of the telescopic boom are maximum values and may deviate slightly.
8. The lifting capacities given for the telescopic boom apply if the folding jib is removed.
9. Subject to modification of lifting capacities.
10. Lifting capacities above 343,250 lb/374,700 lb only with additional pulley block/special equipment.
11. 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.
12. The illustrations in this brochure may feature accessories and special equipment not included in the standard scope of delivery.

## 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(s) sont levées, la vitesse de vent maximale indiquée dans les tableaux de charge doit être réduite.
3. Forces de levage pour application de grue de montage (correspond à la classification de grues selon ISO 4301-1, groupe de grues A1).
4. Les charges sont indiquées en kip.
5. Le poids du crochet de levage resp. de la moufle à crochet est une partie de la charge et doit donc être déduit de la capacité de charge.
6. Les portées sont calculées à partir de l'axe de rotation.
7. Les longueurs indiquées pour la flèche télescopique sont des valeurs maximales et peuvent légèrement varier dans la réalité.
8. Les charges indiquées pour la flèche télescopique sont valables lorsque la fléchette pliante est démontée.
9. Charges données sous réserve de modification.
10. Forces de levage plus de 343,250 lb/374,700 lb seulement avec moufle additionnel/equipement supplémentaire.
11. 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.
12. Les figures contiennent également des accessoires et des équipements spéciaux non inclus de série dans la livraison.



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### Proposition 65



**WARNING:** This product can expose you to chemicals, including exhaust emissions, including lead and lead compounds, which are known to the State of California to cause cancer, birth defects or other reproductive harm.  
For more information see: [www.P65warnings.ca.gov/diesel](http://www.P65warnings.ca.gov/diesel)

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