

# TCUK

TOWER CRANES UK LIMITED



## LUFFING JIB TOWER CRANE

CTL 140-8

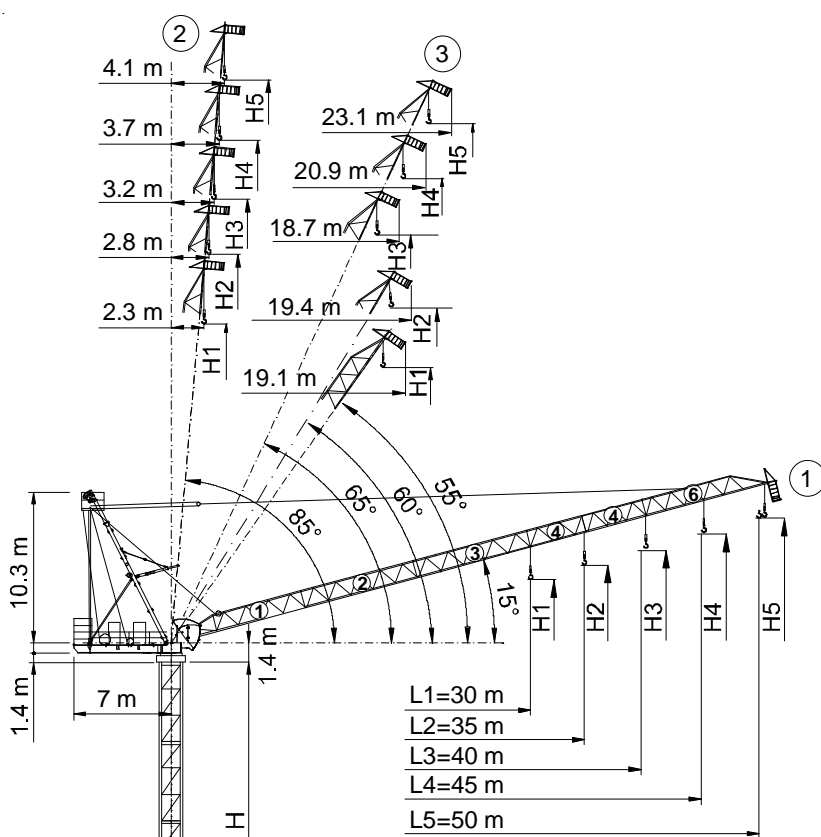
**Specifications:**

Max jib length:	50,00 m
Capacity at max length:	1,80 t
Max capacity:	8,00 t

**WORKS FOR YOU.™**



• **Gru a torre a braccio impennabile**  
**Luffing Jib Tower Crane** • **Grue à tour à flèche relevable**  
 • **Turmdrehkran mit Steilstellung-Ausleger**  
 • **Grúa torre de pluma abatible**



<b>H</b>	Altezza torre	<b>I</b>
①	Sbraccio massimo	
②	Sbraccio minimo in servizio	<b>F</b>
③	Sbraccio minimo in fuori servizio	
<b>H</b>	Hauteur mât	<b>F</b>
①	Portée maxi.	
②	Portée min. en service	
③	Portée min. hors service	
<b>H</b>	Altura torre	<b>E</b>
①	Pluma maxima	
②	Pluma minima en servicio	
③	Pluma minima fuera de servicio	
<b>H</b>	Tower height	<b>GB</b>
①	Maximum jib	
②	Minimum jib (in service)	
③	Minimum jib (out of service)	
<b>H</b>	Turmhöhe	<b>D</b>
①	Max. Ausleger	
②	Mindest. Ausleger in Betrieb	
③	Mindest. Ausleger außer Betrieb	

**FEM 1.001 A3**

$L_1$	(30 m) = 1 + 2 + 6
$L_2$	(35 m) = 1 + 2 + 4 + 6
$L_3$	(40 m) = 1 + 2 + 3 + 6
$L_4$	(45 m) = 1 + 2 + 3 + 4 + 6
$L_5$	(50 m) = 1 + 2 + 3 + 4 + 4 + 6

	H		
	①	②	③
$H_1$	H + 6.1	H + 27.3	H + 21.7
$H_2$	H + 7.5	H + 32.5	H + 27.7
$H_3$	H + 8.8	H + 37.7	H + 33.9
$H_4$	H + 10.1	H + 42.8	H + 38.5
$H_5$	H + 11.5	H + 48	H + 43.2

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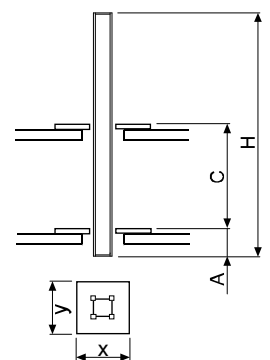
Diagramma di portata **I** / Courbes de charges **F** / Curvas de cargas **E**  
 Load Diagram **GB** / Lastkurven **D**

## CTL 140-8

		m	15	20	25	30	35	40	45	50
	4 t	- 31.01 m	4.00	4.00	4.00	4.00	3.31	2.64	2.12	1.70
	4 t	- 33.8 m	4.00	4.00	4.00	4.00	3.78	3.00	2.40	*
	6 t	- 26.1 m	6.00	6.00	6.00	4.92	3.88	3.10	2.50	
	8 t	- 20.8 m	8.00	8.00	6.25	4.81	3.78	3.00	2.40	
	4 t	- 34.8 m	4.00	4.00	4.00	4.00	3.97	3.20	*	
	6 t	- 26.7 m	6.00	6.00	6.00	5.11	4.07	3.30		
	8 t	- 21.2 m	8.00	8.00	6.45	5.01	3.97	3.20		
	4 t	- 35.0 m	4.00	4.00	4.00	4.00	4.00			
	6 t	- 27.4 m	6.00	6.00	6.00	5.33	4.30			
	8 t	- 21.7 m	8.00	8.00	6.68	5.23	4.20			
	4 t	- 30.0 m	4.00	4.00	4.00	4.00				
	6 t	- 28.0 m	6.00	6.00	6.00	5.50				
	8 t	- 22.0 m	8.00	8.00	6.84	5.40				

\* = + 200 kg [] - 45 m - 40 m ] **i**

Altre installazioni **I** / Autres implantations **F** / Otras implantaciones **E**  
 Other configurations **GB** / Aufstellmöglichkeiten **D**

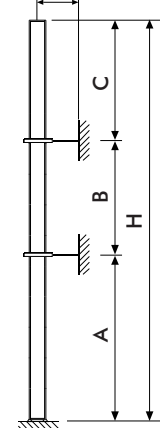


**i**

Gru climbing  
 Bottom climbing crane  
 Télécopage sur dalles  
 Kletterkran im Gebäude  
 Grúa trepadora

**I**  
**GB**  
**F**  
**D**  
**E**

min. 2.3 m (TS16)  
 min. 2.6 m (TS21)



**i**

Gru ancorata  
 Crane tied to the structure  
 Grue ancrée  
 Geankerter Kran  
 Grúa anclada

**I**  
**GB**  
**F**  
**D**  
**E**

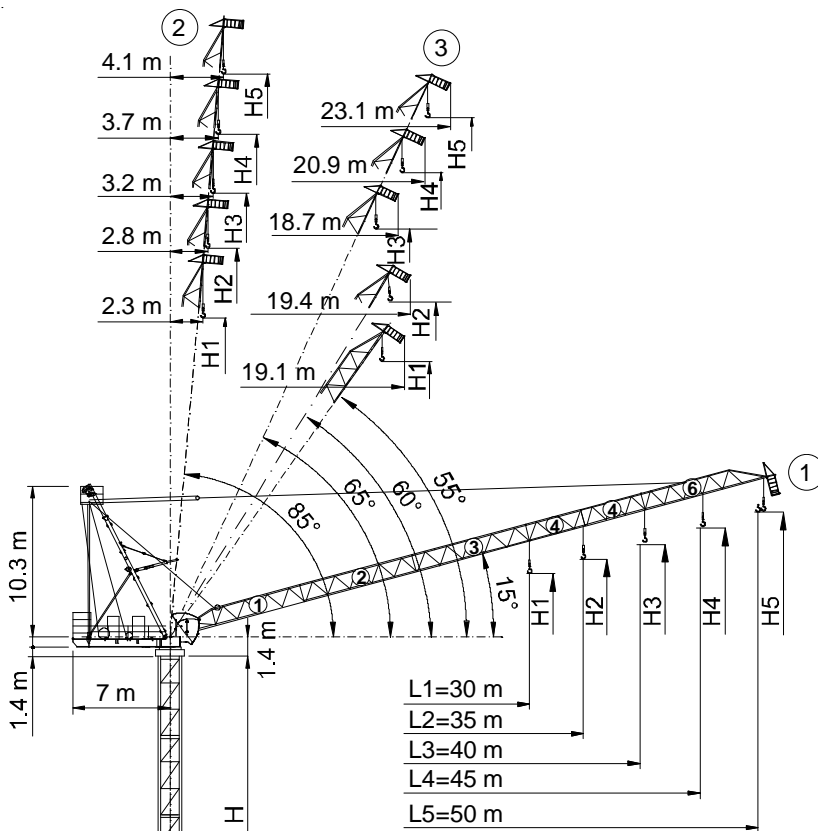
		TS 16 CL																			
		[m]																			
		L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>	L <sub>5</sub>	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>	L <sub>5</sub>	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>	L <sub>5</sub>	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>	L <sub>5</sub>
<b>C<sub>min</sub></b>		11	12	11	12	13	11	12	13	-	12	13	-	-	12	13	-	-	-	-	-
<b>H<sub>max</sub></b>		29.5			32.45		35.4			-	38.35			-	41.3			-	-	-	-
<b>A<sub>min</sub></b>		2.2																			
<b>x</b>		<b>i</b>																			
<b>y</b>		<b>i</b>																			

		TS 16 24.6									
		[m]									
		L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>	L <sub>5</sub>	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>	L <sub>5</sub>
<b>C<sub>min</sub></b>		12					14				
<b>H<sub>max</sub></b>		45.1	42.2	39.2	36.2		48.1	45.1	42.2	39.2	36.2
<b>A<sub>min</sub></b>		1					1				
<b>x</b>		2.3					2.3				
<b>y</b>		1.7					1.7				

		TS 16 R1			TS 21 R2		
		[m]					
		L <sub>1-2</sub>	L <sub>3-4</sub>	L <sub>5</sub>	L <sub>1-2</sub>	L <sub>3-4</sub>	L <sub>5</sub>
<b>A<sub>min/max</sub></b>		24/30	24/27	24/25	24/36	24/33	24/30
<b>B<sub>min/max</sub></b>		17.7/23.6	17.7/23.6	17.7/23.6	17.7/23.6	17.7/23.6	17.7/23.6
<b>C<sub>max</sub></b>		30	27	25	36	33	30
<b>H<sub>max</sub></b>		<b>i</b>					


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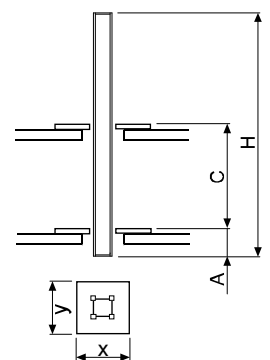
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	8 t	- 21.2 m	8.00	8.00	6.45	5.01	3.97	3.20		
	4 t	- 35.0 m	4.00	4.00	4.00	4.00	4.00			
	6 t	- 27.4 m	6.00	6.00	6.00	5.33	4.30			
	8 t	- 21.7 m	8.00	8.00	6.68	5.23	4.20			
	4 t	- 30.0 m	4.00	4.00	4.00	4.00				
	6 t	- 28.0 m	6.00	6.00	6.00	5.50				
	8 t	- 22.0 m	8.00	8.00	6.84	5.40				

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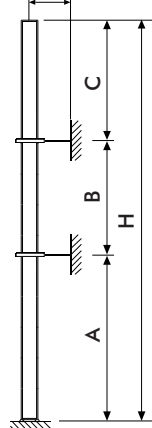


**i**

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**I**  
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min. 2.3 m (TS16)  
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**I**  
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		TS 16 CL																			
		[m]																			
		L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>	L <sub>5</sub>	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>	L <sub>5</sub>	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>	L <sub>5</sub>	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>	L <sub>5</sub>
<b>C<sub>min</sub></b>		11	12	11	12	13	11	12	13	-	12	13	-	-	12	13	-	-	-	-	-
<b>H<sub>max</sub></b>		29.5		32.45			35.4					38.35			41.3						
<b>A<sub>min</sub></b>		2.2																			
<b>x</b>		<b>i</b>																			
<b>y</b>		<b>i</b>																			

		TS 16 24.6									
		[m]									
		L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>	L <sub>5</sub>	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>	L <sub>5</sub>
<b>C<sub>min</sub></b>		12					14				
<b>H<sub>max</sub></b>		45.1	42.2	39.2	36.2		48.1	45.1	42.2	39.2	36.2
<b>A<sub>min</sub></b>		1					1				
<b>x</b>		2.3					2.3				
<b>y</b>		1.7					1.7				

		TS 16 R1			TS 21 R2		
		[m]					
		L <sub>1-2</sub>	L <sub>3-4</sub>	L <sub>5</sub>	L <sub>1-2</sub>	L <sub>3-4</sub>	L <sub>5</sub>
<b>A<sub>min/max</sub></b>		24/30	24/27	24/25	24/36	24/33	24/30
<b>B<sub>min/max</sub></b>		17.7/23.6	17.7/23.6	17.7/23.6	17.7/23.6	17.7/23.6	17.7/23.6
<b>C<sub>max</sub></b>		30	27	25	36	33	30
<b>H<sub>max</sub></b>		<b>i</b>					