



Derrick a braccio impennabile
Luffing jib derrick crane • Derrick à flèche relevable
Derrick mit Steilstellung-Ausleger • Derrick de pluma abatible

E Maxima altura bajo gancho
 Pluma máxima
 Pluma mínima en/ fuera de servicio
 En servicio
 Fuera de servicio
 Sin carga, sin lastre, con pluma y altura máxima

D Höchste Hackenhöhe
 Max. Ausleger
 Mindest. Ausleger in/außer Betrieb
 In Betrieb
 Außer Betrieb
 Ohne Last und Ballast, mit Maximalausleger und Alternativlösung

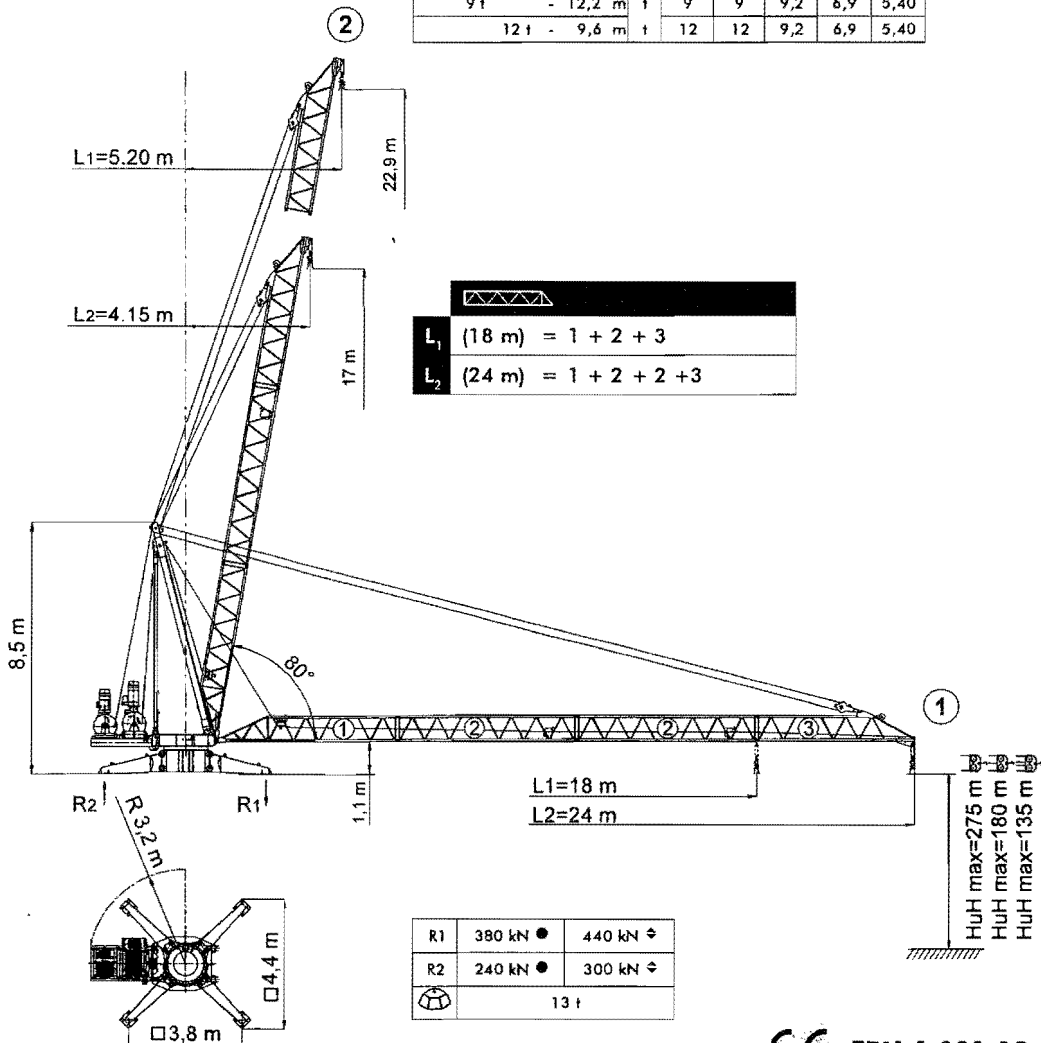
F Hauteur maxi. sous crochet
 Portée maxi.
 Portée min. en/hors service
 En service
 Hors service
 A vide, sans lest, avec flèche et hauteur max.

GB Max. under hook height
 Maximum jib
 Minimum jib (in/out of service)
 In service
 Out of service
 Without load, without ballast, max. jib and max. height

I Altezza massima s. g.
 Sbraccio massimo
 Sbraccio min. in/fuori servizio
 In servizio
 Fuori servizio
 A vuoto, senza zavorra, braccio max., altezza max.

HuH
 Ⓢ
 ●
 ◆
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		CDK 83-12							
		m	6	9	12	15	18	21	24
6 t	- 14,1 m	t	6	6	6	6,1	4,5	3,7	3
9 t	- 11,1 m	t	9	9	7,9	6,1	4,5	3,7	3
	12 t - 8,7 m	t	12	11,4	7,9	6,1	4,5	3,7	3
6 t	- 16,8 m	t	6	6	6	6	5,40		
9 t	- 12,2 m	t	9	9	9,2	6,9	5,40		
	12 t - 9,6 m	t	12	12	9,2	6,9	5,40		



CDK 83-12

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1 **INSTALLATION**

1.1  **INTRODUCTION**

The tables show the loads on the ground for the derrick according to the jib range used.

In-service and out-of-service base loadings comprehend the static and dynamic uprated safety factors, as provided by FEM 1.001 standards.

The data shown herein are applicable only to the specific derrick configuration indicated.

Do not interpolate or extrapolate the data.

Any variation from the prescribed and recommended data and specifications could result in a defective foundations and damage to or possible collapse of the derrick .

The contractor is responsible for damage caused by an uncorrectly prepared foundation or by neglecting the site conditions.



As regards the jib configuration, refer to **Section 2 (Technical Specifications)** of the derrick operation manual.

 **CAUTION**

For uses different to the ones contemplated in the present manual, contact Terex® Comedil After Sales Service (tel +39 0434 989601; fax +39 0434 565137).

1.2 **TWISTING MOMENT**

The twisting moment concerns in-service derrick (for out-of-service derrick, twisting moment is always 0) but does not consider dynamic uprated safety factor as provided by FEM 1.001 standards (table 1.1).

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Jib		Twisting Moment (M_t)	
[m]	[ft]	[kNm]	[lbs.ft]
18	59	30	22127
24	79	50	36878

Table 1.1

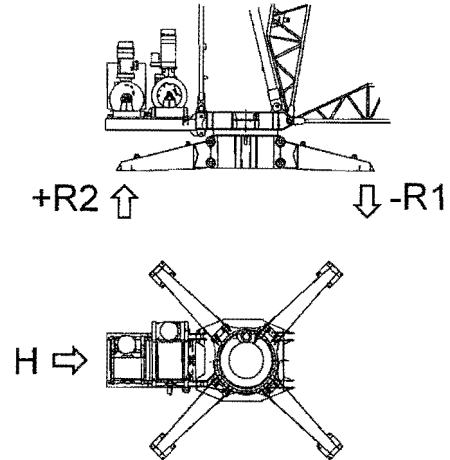
1.3



LOADS ON BASE SUPPORTS

$R_1 - R_2$ = Minimum/Maximum Loads on base supports

H = Horizontal thrust



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<i>In-service derrick</i>			<i>Out-of-service derrick</i>		
H [kN]	R1 [kN]	R2 [kN]	H [kN]	R1 [kN]	R2 [kN]
8	380	240	26	440	300



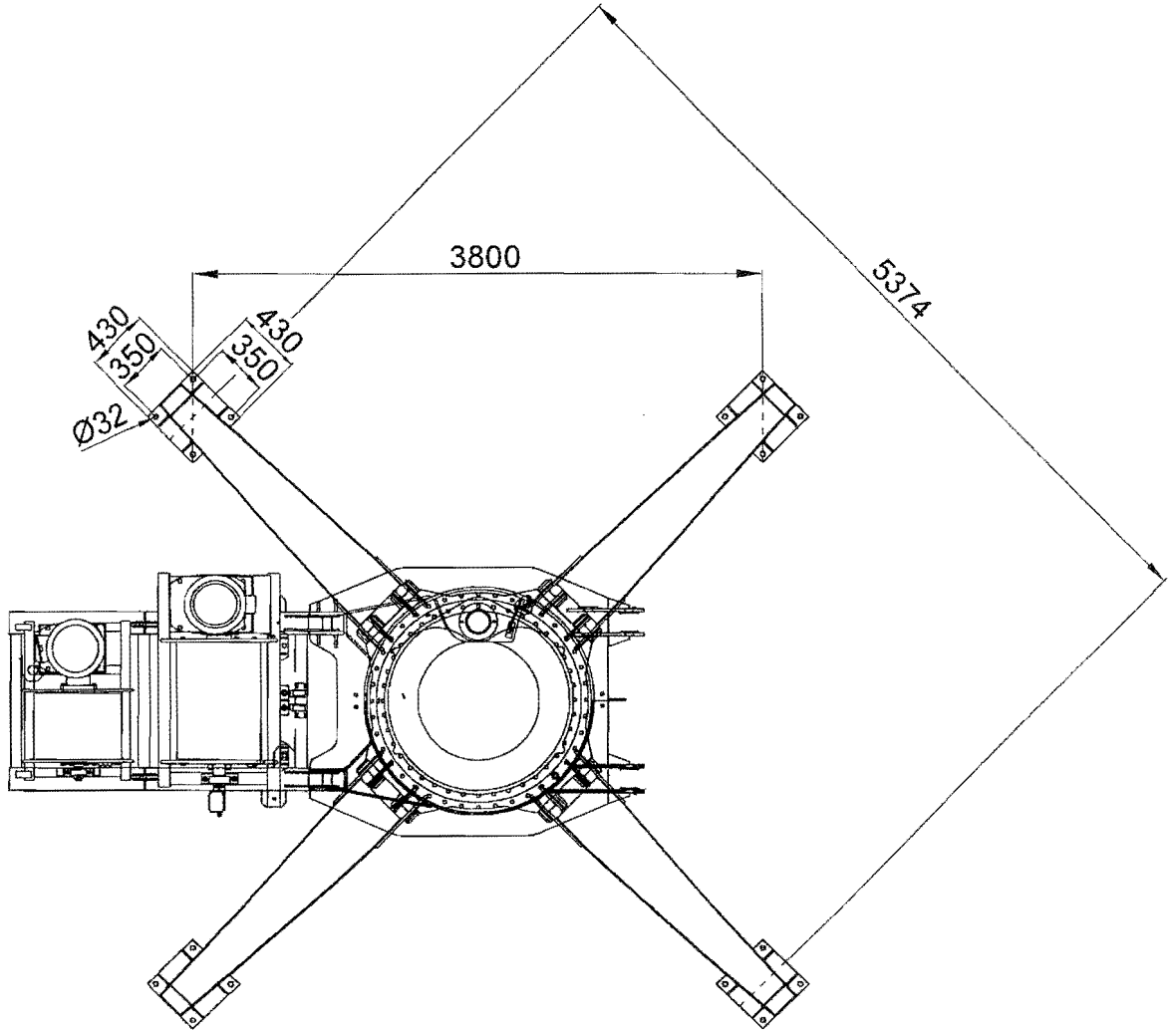
U.S. Customary Units

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<i>In-service derrick</i>			<i>Out-of-service derrick</i>		
H [lbs]	R1 [lbs]	R2 [lbs]	H [lbs]	R1 [lbs]	R2 [lbs]
1798	85413	53945	5844	98899	67431

1.4



POSITIONING THE CDK DERRICK



CAUTION

For assembly of the CDK derrick to the concrete slab contact Terex® Comedil After Sales Service (tel +39 0434 989601; fax +39 0434 565137).