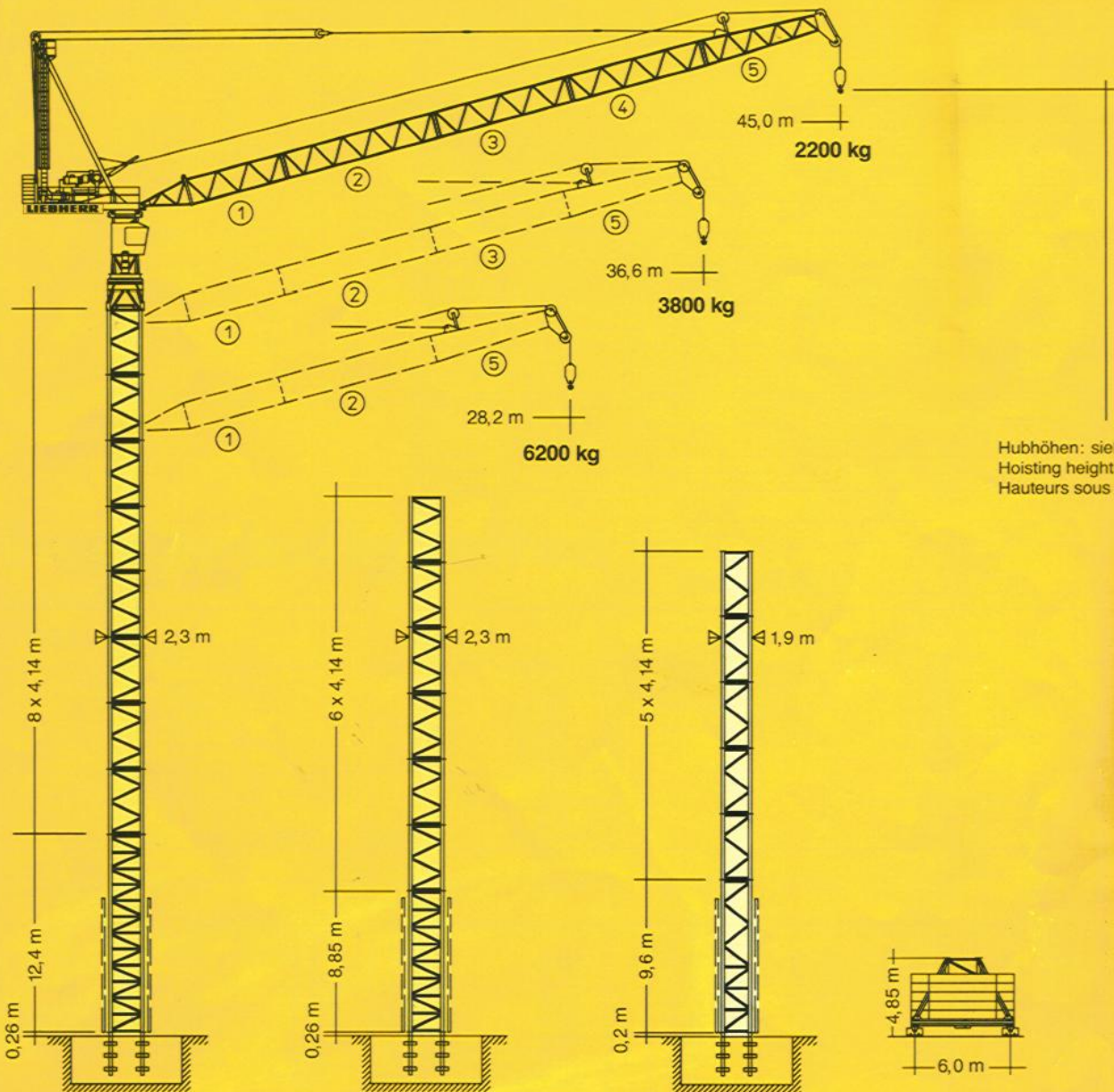


**Tower Crane  
Grue à tour**

# Turmdrehkran 112 HC-L



Hubhöhen: siehe Tabellen  
Hoisting heights: s. tables  
Hauteurs sous crochet: v. tableaux

**Turm 256 HC**  
tower / le mât  
max. 90,0 m

**Turm 256 HC**  
tower / le mât  
max. 78,0 m

**Turm 170 HC**  
tower / le mât  
max. 74,7 m

Unterwagen auf Anfrage.  
Undercarriage on request  
Châssis sur demande

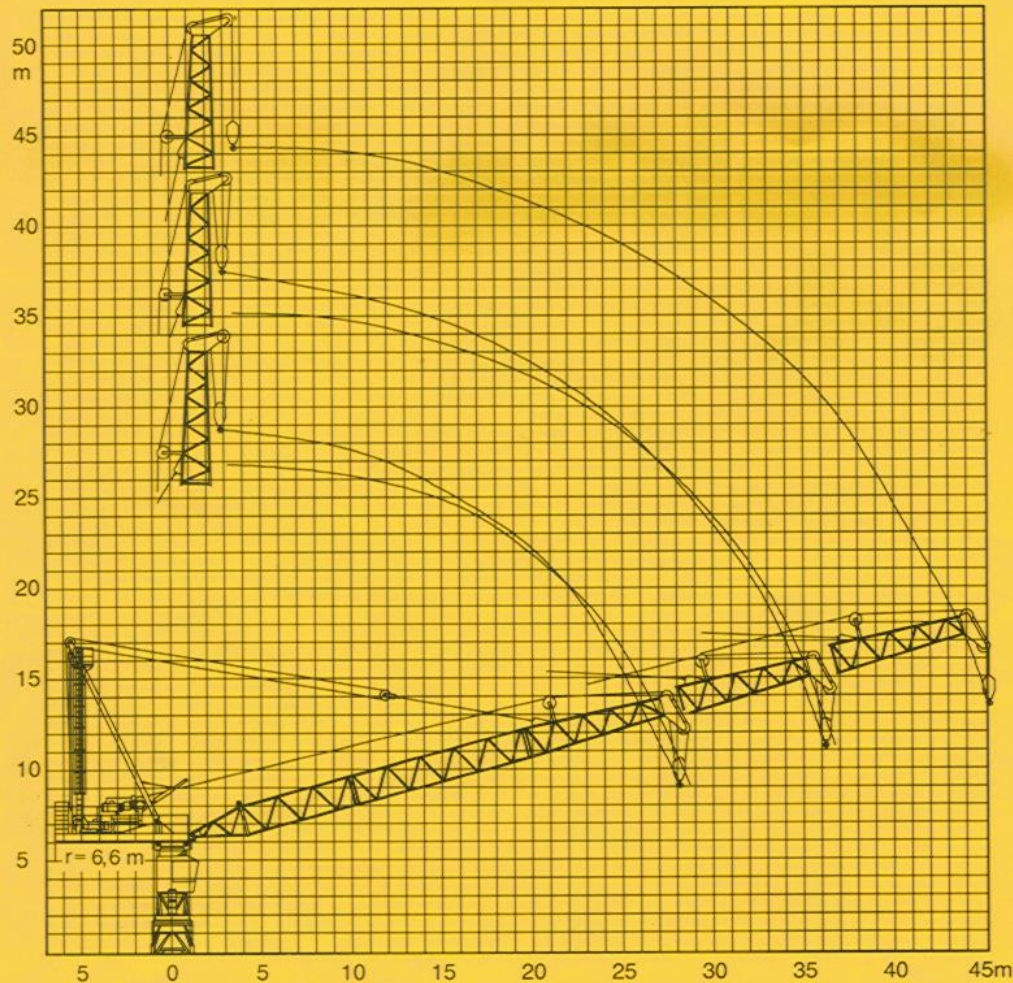
Maßstab: 1 : 425  
scale / échelle

# LIEBHERR

# Ausladung und Hubhöhe

Radius and hoisting height

Portée et hauteur de levage



| mit Turm<br>with tower<br>avec mât   | 256 HC |        |        |        |        |        | 170 HC |        |        |        |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| zuzüglich<br>Turmstücke /<br>plus tower<br>sections /<br>plus éléments<br>de mât |        |        |        |        |        |        |        |        |        |        |
| Ausleger<br>Jib<br>Flèche  | 28,0 m | 36,0 m | 45,0 m | 28,0 m | 36,0 m | 45,0 m | 28,0 m | 36,0 m | 45,0 m |        |
| Turmhöhen /<br>tower heights /<br>hauteurs de<br>mât                             | 0      | 12,7   | 12,7   | 12,7   | 9,1    | 9,1    | 9,1    | 9,8    | 9,8    | 9,8    |
| 1  | 16,8   | 16,8   | 16,8   | 13,2   | 13,2   | 13,2   | 14,0   | 14,0   | 14,0   | 14,0   |
| 2  | 21,0   | 21,0   | 21,0   | 17,3   | 17,3   | 17,3   | 18,1   | 18,1   | 18,1   | 18,1   |
| 3  | 25,1   | 25,1   | 25,1   | 21,5   | 21,5   | 21,5   | 22,2   | 22,2   | 22,2   | 22,2   |
| 4  | 29,3   | 29,3   | 29,3   | 25,6   | 25,6   | 25,6   | 26,4   | 26,4   | 26,4   | 26,4*  |
| 5  | 33,4   | 33,4   | 33,4   | 29,8   | 29,8   | 29,8*  | 30,5   | 30,5*  | 30,5*  | 30,5*x |
| 6  | 37,5   | 37,5   | 37,5   | 33,9   | 33,9*  | 33,9*x | 34,6*  | 34,6*x | —      | —      |
| 7  | 41,7   | 41,7   | 41,7*  | 38,0*  | 38,0*x | —      | 38,8*x | —      | —      | —      |
| 8  | 45,8   | 45,8*  | 45,8*x | 42,2*x | —      | —      | —      | —      | —      | —      |
| 9  | 50,0*  | 50,0*x | —      | —      | —      | —      | —      | —      | —      | —      |
| 10   | 54,1*x | —      | —      | —      | —      | —      | —      | —      | —      | —      |

\* Führungsstück nach Montage ablassen. / Lower guide section after erection. / Baissez la cage télescopique après le montage.

x Außer Betrieb, Auslegerstellung 15°. / Out of operation, Jib position 15°. / Hors service, position de flèche 15°.

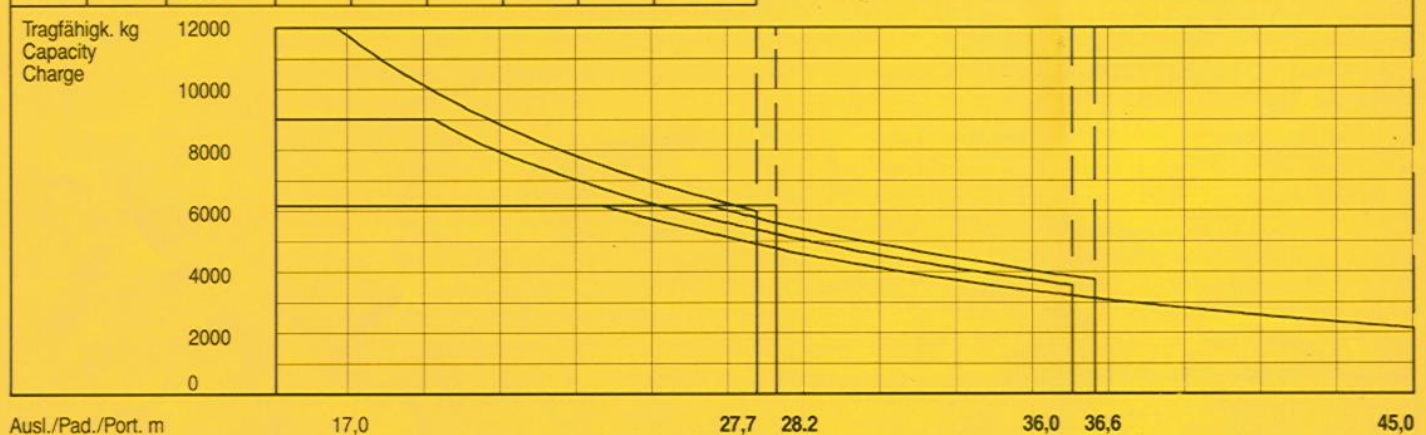
# 112 HC-L

# Ausladung und Tragfähigkeit

Radius and capacity

Portée et charge

| Auslegerlänge<br>Length of jib<br>Longueur de flèche<br>m | max. kg<br>m/kg   | m/kg  |       |      |      |      |      |      |      |      |      |      |      |      |
|---|-------------------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|
|   |                   | 17,0  | 19,0  | 21,0 | 23,0 | 25,0 | 28,2 | 31,0 | 33,0 | 36,6 | 39,0 | 41,0 | 43,0 | 45,0 |
| 45,0  | 3,5-23,6<br>6200  | 6200  | 6200  | 6200 | 6200 | 5720 | 4790 | 4180 | 3790 | 3180 | 2870 | 2630 | 2400 | 2200 |
| 36,0  | 3,5-26,4<br>6200  | 6200  | 6200  | 6200 | 6200 | 6200 | 5630 | 5100 | 4450 | 3800 |      |      |      |      |
|   | 3,5-19,2<br>9000  | 9000  | 9000  | 7920 | 6990 | 6230 | 5260 | 4560 | 4150 | 3600 |      |      |      |      |
| 28,0  | 3,5-28,2<br>6200  | 6200  | 6200  | 6200 | 6200 | 6200 | 6200 |      |      |      |      |      |      |      |
|   | 3,5-16,6<br>12000 | 11750 | 10000 | 9200 | 8200 | 6940 | 6000 |      |      |      |      |      |      |      |



## Geschwindigkeiten



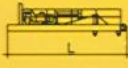

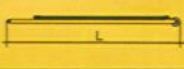

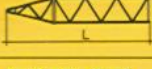

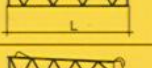









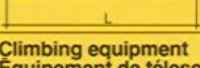

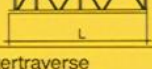

Speeds /  
Vitesses

|  |   |                |
|--|---|----------------|
|  | U/min<br>0,7 sl./min<br>tr./min   | 2 x 6,3 kW     |
|  | 15° - 87° / 1,6 min   | 45 kW          |
|  | Unterwagen auf Anfrage<br>Undercarriage on request<br>Châssis sur demande |                |
| <b>Anschlußwerte Kranoberteil</b><br>Power requirement, upper part<br>Puissance requise, partie supérieure | <b>Hubwerk</b><br>Hoist gear<br>Mécanisme de levage                       | 45 kW    65 kW |
| kW   |   | 102,6    122,6 |
| kVA  |   | 117,0    137,0 |

| Hubwerk<br>Hoist gear<br>Mécanisme de levage  | Gang<br>Gear<br>Rapport | kg      | m/min      |
|---|-------------------------|---------|------------|
| 45,0 kW<br>WIW 260 JX 407<br>Elmag, WSB<br>Hubhöhe 100,0 m (4 Lagen)<br>Hoisting height (4 layers)<br>Hauteur sous crochet<br>(4 couches) |                         | 1 6200  | 2,8 / 28,0 |
|   |                         | 2 2950  | 5,5 / 55,0 |
|   |                         | 3 950   | 11,1/111,0 |
|   |                         | 1 12000 | 1,6 / 16,0 |
|   |                         | 2 6900  | 3,1 / 31,0 |
|   |                         | 3 3150  | 6,3 / 63,0 |
| 65,0 kW<br>WIW 280 JX<br>Elmag, WSB<br>Hubhöhe 100,0 m (4 Lagen)<br>Hoisting height (4 layers)<br>Hauteur sous crochet<br>(4 couches)     |                         | 1 6200  | 4,0 / 40,0 |
|   |                         | 2 3050  | 7,8 / 78,0 |
|   |                         | 3 1000  | 15,6/156,0 |
|   |                         | 1 12000 | 2,3 / 23,0 |
|   |                         | 2 7000  | 4,4 / 44,0 |
|   |                         | 3 3250  | 8,8 / 88,0 |

# Technische Daten - Technical data

# Caractéristiques techniques

| <b>Kranoberteil</b>       |              | Upper part of crane<br>Partie supérieure de grue   |   |   | L (m)            | B (m)                | H (m)                | kg*                  |                     |
|---------------------------|--------------|--|---|---|------------------|----------------------|----------------------|----------------------|---------------------|
| Pos.<br>Item              | Anz.<br>Qty. | Drehbühne kpl.<br>Slewing platform cpl.<br>Ensemble mât cabine cpl.  |    |    | 170 HC<br>256 HC | 6,10<br>6,24         | 2,80<br>2,74         | 2,70<br>2,57         | 8100<br>9080        |
| 1                         | 1            |  |   |   |                  |                      |                      |                      |                     |
| 2                         | 1            | Getriebebühne mit Einziehwerk<br>Gear platform with luffing gear<br>Plateforme a enrenages avec<br>mecanisme de relevage   |    |    |                  | 7,81                 | 2,45                 | 2,22                 | 6900                |
| 3                         | 1            | Ausleger-Abspannbock<br>Jib gantry<br>Chevalet de retunne de flèche  |    |    |                  | 11,50                | 2,35                 | 1,65                 | 2480                |
| 4                         | 1            | Ausleger-Anlenkstück<br>Jib heel section<br>Pied de flèche   |    |    | ①                | 9,30                 | 1,70                 | 2,00                 | 1450                |
| 5                         | 1            | Ausleger-Zwischenstück<br>Intermediate jib section<br>Élément intern. de flèche  |    |    | ②<br>③<br>④      | 9,77<br>8,87<br>8,87 | 1,52<br>1,52<br>1,52 | 1,85<br>1,75<br>1,75 | 900<br>780<br>750   |
| 6                         | 1            | Ausleger-Kopfstück<br>Jib head section<br>Pointe de flèche   |    |    | ⑤                | 9,00                 | 1,85                 | 2,95                 | 1400                |
| 7                         | 1            | Hubwerkseinheit<br>Hoist gear unit<br>Treuil de levage   |    |    |                  | 4,12                 | 2,40                 | 1,66                 | 4790                |
| <b>Turm</b>               |              | Tower<br>Mât   |   |   |                  |                      |                      |                      |                     |
| 8                         | 5-7<br>5-10  | Turmstück<br>Tower section<br>Élément de mât   |    |    | 170 HC<br>256 HC | 4,14<br>4,14         | 2,30<br>2,30         | 2,30<br>2,30         | 2050<br>2260        |
| 9                         | 1<br>2       | Turmstück verstärkt<br>Tower section reinforced<br>Élément de mât renforcé   |    |    | 256 HC           | 4,14                 | 2,30                 | 2,30                 | 3170<br>3690        |
| 10                        | 1            | Grundturmstück<br>Base tower section<br>Mât de base  |   |   | 170 HC<br>256 HC | 8,85<br>8,85 (12,42) | 2,30<br>2,30 (2,30)  | 2,30<br>2,30 (2,30)  | 4065<br>4380 (7880) |
| <b>Klettereinrichtung</b> |              | Climbing equipment<br>Équipement de télescopage  |   |   |                  |                      |                      |                      |                     |
| 11                        | 1            | Führungsstück kpl.<br>Guide section cpl.<br>Cage télescopique cpl.   |  |  | 170 HC<br>256 HC | 9,04<br>8,39         | 2,31<br>2,80         | 2,28<br>2,50         | 4750<br>5100        |
| 12                        | 1            | Hydraulikanlage, Stütz- und Klettertraverse<br>Hydraulic unit, supporting and climbing cross members<br>Système hydraulique avec traverses d'appui et de télescopage |   |   | 170 HC<br>256 HC | 2,00<br>2,30         | 1,10<br>1,25         | 1,00<br>1,00         | 1100<br>1150        |

\*() Angaben in Klammern gelten für 8 m-Unterwagen. / The data in brackets are valid for an undercarriage of 8 m. / Les données techniques indiquées entre parenthèses sont valables pour un châssis de 8 m.

\* Einzelgewichte. Montagegewichte: siehe Betriebsanweisung. / Single weights. Erection weights: see instruction manual. / Poids individuels. Poids de montage: voir manuel de service.

**Nehmen Sie Kontakt auf mit  
Contact**

**Mettez-vous en rapport avec**

**LIEBHERR-WERK BIBERACH GMBH, Postfach 16 63, D-7950 Biberach an der Riss 1,  
Telefon (073 51) 41-0, Telex 71 802, Telefax (073 51) 4 12 25**