

Montageanleitung / Errection manual / Instructions for erection / Mode de montage / Istruzioni per il montaggio / Pila de montaje / Instruções de montagem

**Kranobertteil**

Upper part of crane / Parte superiore de grua / Parte superiore della gru / Parte superior grúa / Parte superior do guindaste

| Pos. Part No. / Pos. Part No. / Pos. Part No. / Pos. Part No. / Pos. Part No.   | Art. Code / Art. Code / Art. Code / Art. Code / Art. Code | Description   | L (m)                                    | B (m)                                | H (m)                                | kg   |
|---|---|---|--|--------------------------------------|--------------------------------------|--|
| 1   | 1   | Kabine / Cabine / Cabin / Cabina / Cabina   | 2,90                                     | 1,76                                 | 2,76                                 | 1500   |
| 2   | 1   | Overhead trol. with Dowlabraz / Slewing platform opt. with slewing ring / Ensemble plat-forme opt. avec pivot / Piattaforma girante compl. con parte intesa / Conjunto plataforma giratoria compl. con parte intesa   | 3,00                                     | 3,00                                 | 2,80                                 | 16800  |
| 3   | 1   | Kuehlerfüße - Mittelstück / Cross-member for slewing ring support / Traverse du pivot / Portarolla-elemento intermedio / Peça intermédia suporte anel de giração  | 4,40                                     | 2,80                                 | 1,10                                 | 11000  |
| 4   | 2   | Kuehlerfüße - Träger / Cross-member for slewing ring support / Appui du pivot / Supporto rotella / Supporto anel de pista / Suporte anel de giração   | 3,10                                     | 0,20                                 | 0,80                                 | 380<br>326   |
| 5   | 2   | Kuehlerfüße - Querträger / Cross-member for slewing ring support / Traverse du pivot / Supporto rotella / Supporto principal anel de giração  | 4,83                                     | 1,00                                 | 1,55                                 | 3900   |
| 6   | 1   | Terminator / Tower head / Porte-fiche / Cuspide / Cabeça de torre / Cabeça de apoio de lança  | 12,20                                    | 2,60                                 | 1,40                                 | 8000   |
| 7   | 1   | Gegenschieber-Kopfstück / Counter-jib head / Pièce de contre-fiche / Testa di controbraccio / Tramo punta de contrapluma / Cabeça de contra-lança   | 8,28                                     | 2,50                                 | 1,14                                 | 6000   |
| 8   | 1   | Gegenschieber-Antenstück / Counter-jib head section / Pièce de contre-fiche / Section articulata di controbraccio / Tramo primero-contrapluma / Peça articulada da contra-lança   | 6,77                                     | 1,80                                 | 1,05                                 | 3000   |
| 9   | 2   | Gegenschieber-Zwischenstück / Intermediate counter-jib section / Élément interm. de contre-fiche / Sezione di controbraccio / Tramo intermedio de contrapluma / Peça suplementar da contra-lança  | 0,20                                     | 1,90                                 | 1,05                                 | 3000   |
| 10  | 1   | Ausleger-Antenstück / Jib head section / Pièce de fiche / Section articulata di braccio / Base articulada de lança / Pluma tramo primo  | 12,10                                    | 1,81                                 | 2,30                                 | < 5400   |
| 11  | 1   | Ausleger-Zwischenstück / Intermediate jib section / Élément intermédiaire de fiche / Sezione di braccio / Peça suplementar da lança / Tramo intermedio pluma  | 12,10<br>12,10<br>12,10<br>12,10<br>6,40 | 1,81<br>1,81<br>1,81<br>1,81<br>1,81 | 2,30<br>2,30<br>2,30<br>2,30<br>2,30 | < 3890<br>< 4040<br>< 3360<br>< 3570<br>< 2840<br>< 2000 |
| 12  | 1   | Ausleger-Kopfstück / Jib head / Pièce de fiche / Punta flecha / Cabeça de lança / Tramo punta de pluma  | 5,71                                     | 1,81                                 | 2,53                                 | < 1390   |
| 13  | 2   | Laufstrich mit Laufrollen / Trolley with loadrocks / Chariot avec chatot de levage / Carroto con gancho / Gancho e gancho / Carro de ponte e gancho   | 2,40                                     | 2,10                                 | 1,40                                 | 1800   |
| 14  | 1   | Hydraulische Hebe- / Hoist gear unit / Tract de levage / Gruppo meccanismo sollevamento / Mecanismo de elevación / Grupo de mecanismo elevatório  | 4,80                                     | 2,60                                 | 1,60                                 | 7500   |
| 15  | 1   | Ausleger-Abspannstück I / Jib gantry I / Caisseau de hauberge de fiche I / Tramo braccio I / Caisseau de pluma I / Caisseau de lança I  | 8,20                                     | 0,48                                 | 1,41                                 | 780  |
| <b>Tower</b>  |   |   |  |                                      |                                      |  |
| Tower / Mât / Torre / Torre / Torre   |   |   |  |                                      |                                      |  |
| 16  | 12  | Turmstück / Tower section / Élément de mât / Elemento di torre / Torre / Torre  | 6,28<br>4,30                             | 1,00<br>0,80                         | 1,80<br>0,80                         | 5500<br>3400   |
| <b>Kletterrichtung</b>  |   |   |  |                                      |                                      |  |
| Climbing equipment / Equipement de télescopage / Attrezzatura per allungamento delle gru / Equipo de trepado / Acessórios p. subida no edificio |   |   |  |                                      |                                      |  |
| 17  | 4   | Führerstück, geteilt / Guide section, split / Cais telescópico, dividido / Cais de separação vizion, subdivida / Torre de montaja, dividida / Peça de guia, subdividida   | 12,40                                    | 2,42                                 | 2,27                                 | 3750   |
| 18  | 1   | Hydraulische Stütz- und Klettertraverse / Hydraulic unit, supporting and climbing cross members / Système hydraulique avec traverses d'appui et de télescopage / Sistema hidráulico, traveses de apoyo e de telescopaje / Instalação hidráulica, travessa de apoio e guisa / Sistema hidráulico con traviesa de apoyo y trepado | 3,80                                     | 1,00                                 | 1,10                                 | 3360   |



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TOWER CRANE 800HC40 증 조립도

총 중량 283,155 kg

\* Ballast Block \*

| C/JIB | JIB   | BLOCK | WEIGHT   |
|-------|-------|-------|----------|
| 4     | PIECE | 7A+3B | 36.46TON |
| 4     | PIECE | 7A+2B | 35.16TON |
| 3     | PIECE | 6A+3B | 30.31TON |
| 3     | PIECE | 7A+3B | 36.46TON |
| 3     | PIECE | 4A+3B | 26.22TON |

Ballast Block 설치시 유의사항

: COUNTER JIB 편입시 'A'-TYPE를 추가하여 'B'-TYPE 편입시 편입과 같은 위치에 놓을 것.

\* 기포사양 \*

| 구분 | 재료/규격 | CLEARANCE | 길이/중량  | 유속/중량               |
|----|-------|-----------|--------|---------------------|
| 1  | 철선/강재 | ELWAG 1   | 4000   | 0.7 ~ 7.6           |
| 2  | 철선/강재 | ELWAG 2   | 18,000 | 1.4 ~ 14            |
| 3  | 철선/강재 | ELWAG 3   | 6,500  | 3.0 ~ 30            |
| 4  | 철선/강재 |           |        | 0.6 8l/min          |
| 5  | 철선/강재 |           |        | 5/8" 55/80          |
| 6  | 철선/강재 |           |        | 1.3KW               |
| 7  | 철선/강재 |           |        | 1.1KW               |
| 8  | 철선/강재 |           |        | 4x85mm <sup>2</sup> |
| 9  | 철선/강재 |           |        | 4x85mm <sup>2</sup> |
| 10 | 철선/강재 |           |        | 315A                |

'A' TYPE

'B' TYPE







# 20t Ausführung


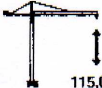
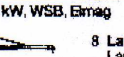

Radius and capacity / Portée et charge / Straccio e portata / Alcance y carga / Alcance e capacidade de carga

| m             | r                 | m/kg  | m/kg  |       |       |       |       |       |       |      |      |      |      |
|---------------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|
|               |                   |       | 36,0  | 40,0  | 44,0  | 48,0  | 51,7  | 56,0  | 60,0  | 63,3 | 68,0 | 72,0 | 75,0 |
| 80,8 (r=82,8) | 4,0-52,4<br>20000 | 17770 | 15880 | 14300 | 12980 | 11940 | 10900 | 10060 | 9440  | 8660 | 8080 | 7690 | 7000 |
| 75,0 (r=77,0) | 4,0-33,4<br>20000 | 18400 | 16440 | 14820 | 13470 | 12390 | 11310 | 10450 | 9810  | 9010 | 8410 | 8000 |      |
| 63,3 (r=65,3) | 4,0-37,6<br>20000 | 20000 | 18780 | 16940 | 15410 | 14200 | 12990 | 12010 | 11300 |      |      |      |      |
| 51,7 (r=53,5) | 4,0-42,7<br>20000 | 20000 | 20000 | 19370 | 17660 | 16300 |       |       |       |      |      |      |      |
| 40,0 (r=42,0) | 4,0-40,0<br>20000 | 20000 | 20000 |       |       |       |       |       |       |      |      |      |      |

# Antriebe

Driving units / Mécanismes d'entraînement / Antriebsgerätee / Mecanismos / Mecanismos

|  |                                |                             |
|--|--------------------------------|-----------------------------|
|    | U/min<br>0,6 sl/min<br>tr./min | 3 x 13,0 kW                 |
|   | 5,0/9,0/50,0/90,0 m/min        | 13,0 kW + WSB               |
|  | 25,0 m/min                     | 4 x 10,6 kW                 |
|  | <b>kVA</b>                     | 76 kW 110 kW<br>139,0 178,0 |

| Gang / Gear / Rapport<br>Marcia / Velocidad / Velocidade<br>kg  | m/min |                 |
|---|-------|-----------------|
| <br>76,0 kW, WSB, Elmag  | 1     | 20000 1,5/15,21 |
| <br>115,0 m<br>Hubhöhe 115,0 m (2 Lagen)<br>Hoisting height (2 layers)<br>Hauteur sous crochet (2 couches) | 2     | 10200 2,8/28,07 |
|   | 3     | 4400 5,6/56,43  |
| <br>110,0 kW, WSB, Elmag   | 1     | 40000 7,0       |
| <br>202,0 m<br>8 Lagen<br>Layers<br>Couches<br>Strati<br>Camadas<br>Capas                                | 2     | 30000 16,0      |
|   | 3     | 12000 33,0      |
|   |       | 8000 46,0       |



# 800HC



## PACKINGLIST

LIEBHERR 800HC S/N 28707  
JIB 80.8 M : 15 MAST SECTIONS : MAX. CAPACITY 20TON

|                              |                     |          |
|------------------------------|---------------------|----------|
| 1 40 FT BOX<br>HLXU 413090-9 | 2 COLLI CRANE PARTS | 3520 KG  |
| 2 40 FT BOX<br>HLXU 500163-4 | 4 COLLI CRANE PARTS | 10560 KG |
| 3 40 FT BOX<br>HLXU 434877-9 | 3 COLLI CRANE PARTS | 14000 KG |
| 4 40 FT BOX<br>HLXU 400474-7 | 2 COLLI CRANE PARTS | 13890 KG |
| 5 40 FT BOX<br>TEXU 429100-8 | 5 COLLI CRANE PARTS | 18000 KG |
| 6 40 FT BOX<br>HLXU 425137-7 | 7 COLLI CRANE PARTS | 24000 KG |
| 7 40 FT HC<br>GATU 802180-0  | 7 COLLI CRANE PARTS | 24000 KG |
| 8 40 FT HC<br>HLXU 454282-4  | 3 COLLI CRANE PARTS | 10000 KG |
| 9 40 FT HC<br>HLXU 602295-0  | 3 COLLI CRANE PARTS | 11000 KG |
| 10 40 FT HC<br>HLXU 608629-8 | 3 COLLI CRANE PARTS | 11500 KG |
| 11 40 FT HC<br>HLXU 609456-0 | 3 COLLI CRANE PARTS | 12000 KG |
| 12 40 FT HC<br>HLXU 454612-0 | 3 COLLI CRANE PARTS | 10100 KG |
| 13 40 FT HC<br>SCZU 567322-2 | 7 COLLI CRANE PARTS | 24000 KG |
| 14 40 FT HC<br>CLHU 826977-0 | 4 COLLI CRANE PARTS | 18900 KG |
| 15 40 FT HC<br>HLXU 469471-9 | 2 COLLI CRANE PARTS | 36800 KG |
| 16 40 FT HC<br>GATU 822944-0 | 3 COLLI CRANE PARTS | 6890 KG  |
| 17 40 FT HC<br>HLXU 601650-0 | 4 COLLI CRANE PARTS | 16000 KG |

L/C N° M0438503NS00071







# 40t Ausführung

Radius and capacity / Portée et charge / Straccio e portata / Alcance y carga / Alcance e capacidade de carga

| m             | r                 | m/kg | m/kg  |       |       |       |       |       |       |       |      |      |      |      |
|---------------|-------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|
|               |                   |      | 20,0  | 25,0  | 30,0  | 35,0  | 38,8  | 45,0  | 50,5  | 55,0  | 62,1 | 70,0 | 73,8 | 79,6 |
| 79,6 (r=81,6) | 4,0-17,9<br>40000 |      | 35080 | 26770 | 21310 | 17450 | 15270 | 12550 | 10680 | 9420  | 7790 | 6360 | 5780 | 5000 |
| 73,8 (r=75,6) | 4,0-18,2<br>40000 |      | 35890 | 27410 | 21840 | 17900 | 15680 | 12900 | 11000 | 9710  | 8050 | 6590 | 6000 |      |
| 62,1 (r=64,1) | 4,0-19,9<br>40000 |      | 39770 | 30500 | 24400 | 20080 | 17660 | 14610 | 12520 | 11120 | 9300 |      |      |      |
| 50,5 (r=52,5) | 4,0-21,8<br>40000 |      | 40000 | 34020 | 27310 | 22570 | 18920 | 16590 | 14300 |       |      |      |      |      |
| 38,8 (r=40,8) | 4,0-24,0<br>40000 |      | 40000 | 38100 | 30700 | 25460 | 22400 |       |       |       |      |      |      |      |

# 20t Ausführung

Radius and capacity / Portée et charge / Straccio e portata / Alcance y carga / Alcance e capacidade de carga

| m             | r                 | m/kg | m/kg  |       |       |       |       |       |       |       |      |      |      |      |
|---------------|-------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|
|               |                   |      | 36,0  | 40,0  | 44,0  | 48,0  | 51,7  | 56,0  | 60,0  | 63,3  | 68,0 | 72,0 | 75,0 | 80,8 |
| 80,8 (r=82,8) | 4,0-32,4<br>20000 |      | 17770 | 15860 | 14300 | 12980 | 11940 | 10900 | 10060 | 9440  | 8660 | 8080 | 7690 | 7000 |
| 75,0 (r=77,0) | 4,0-33,4<br>20000 |      | 18400 | 16440 | 14820 | 13470 | 12390 | 11310 | 10450 | 9810  | 9010 | 8410 | 8000 |      |
| 63,3 (r=65,3) | 4,0-37,6<br>20000 |      | 20000 | 18780 | 16940 | 15410 | 14200 | 12990 | 12010 | 11300 |      |      |      |      |
| 51,7 (r=53,5) | 4,0-42,7<br>20000 |      | 20000 | 20000 | 19370 | 17660 | 16300 |       |       |       |      |      |      |      |
| 40,0 (r=42,0) | 4,0-40,0<br>20000 |      | 20000 | 20000 |       |       |       |       |       |       |      |      |      |      |

# Antriebe

Driving units / Mécanismes d'entraînement / Abtriebsger. / Mecanismos / Mecanismos

|  |                                 |                             |
|--|---------------------------------|-----------------------------|
|  | U/min<br>0,6 sl./min<br>tr./min | 3 x 13,0 kW                 |
|  | 5,0/9,0/50,0/90,0 m/min         | 13,0 kW + WSB               |
|  | 25,0 m/min                      | 4 x 10,6 kW                 |
|  | <b>kVA</b>                      | 76 kW 110 kW<br>139,0 178,0 |

|   | Gang / Gear / Rapport<br>Marcia / Velocidad / Velocidade<br>kg | m/min       |
|---|--|-------------|
|   | 76,0 kW, WSB, Elmag  |             |
| 1   | 40000  | 0,75 / 7,8  |
| 2   | 20400  | 1,4 / 14,03 |
| 3   | 9800   | 2,8 / 28,21 |
| Hubhöhe 115,0 m (2 Lagen)<br>Hoisting height (2 layers)<br>Hauteur sous crochet (2 couches) |  |             |
|   | 110,0 kW, WSB, Elmag   |             |
| 1   | 40000  | 7,0         |
| 2   | 30000  | 16,0        |
| 3   | 12000  | 33,0        |
| 4   | 8000   | 46,0        |
| 8 Lagen<br>Layers<br>Couches<br>Strati<br>Camadas<br>Capas                                  |  |             |



# Antriebe

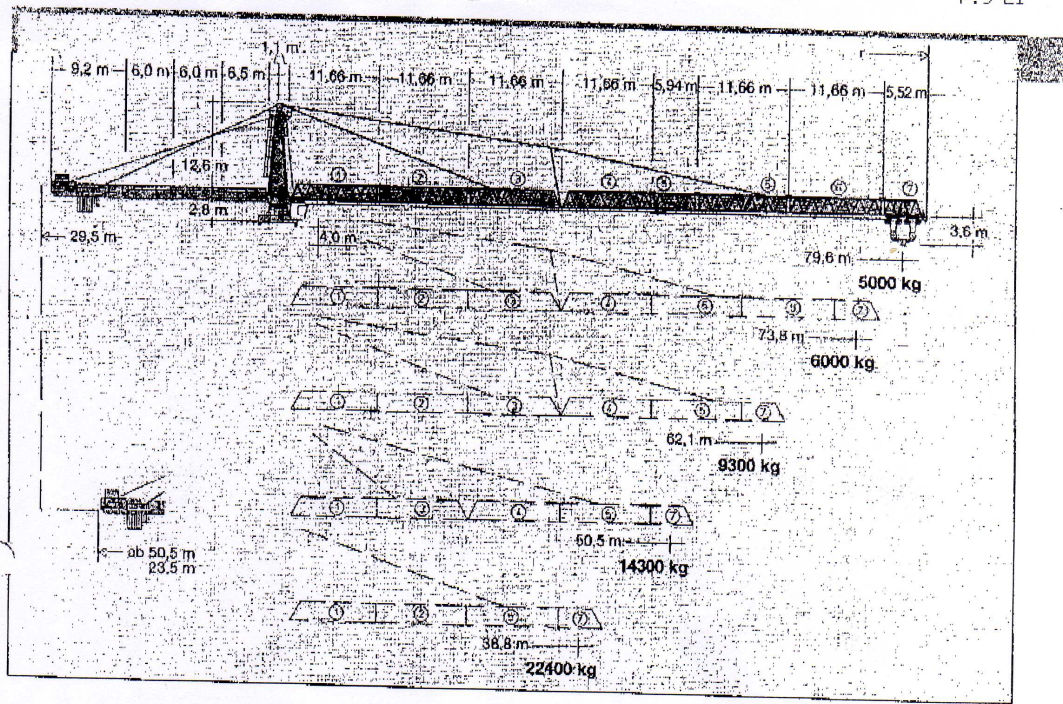
Driving units / Mécanismes d'entraînement / Abtriebsger. / Mecanismos / Mecanismos

|  |                                 |                             |
|--|---------------------------------|-----------------------------|
|  | U/min<br>0,6 sl./min<br>tr./min | 3 x 13,0 kW                 |
|  | 5,0/9,0/50,0/90,0 m/min         | 13,0 kW + WSB               |
|  | 25,0 m/min                      | 4 x 10,6 kW                 |
|  | <b>kVA</b>                      | 76 kW 110 kW<br>139,0 178,0 |

|   | Gang / Gear / Rapport<br>Marcia / Velocidad / Velocidade<br>kg | m/min       |
|---|--|-------------|
|   | 76,0 kW, WSB, Elmag  |             |
| 1   | 20000  | 1,5 / 15,21 |
| 2   | 10200  | 2,8 / 28,07 |
| 3   | 4400   | 5,6 / 56,43 |
| Hubhöhe 115,0 m (2 Lagen)<br>Hoisting height (2 layers)<br>Hauteur sous crochet (2 couches) |  |             |
|   | 110,0 kW, WSB, Elmag   |             |
| 1   | 40000  | 7,0         |
| 2   | 30000  | 16,0        |
| 3   | 12000  | 33,0        |
| 4   | 8000   | 46,0        |
| 8 Lagen<br>Layers<br>Couches<br>Strati<br>Camadas<br>Capas                                  |  |             |







**Hubhöhe** Perdida de altura de montagem / Alesamento / Altura da montagem

| 800 HC |       |
|--------|-------|
| 12     | 69,3° |
| 11     | 63,5  |
| 10     | 57,7  |
| 9      | 51,9  |
| 8      | 46,1  |
| 7      | 40,3  |
| 6      | 34,5  |
| 5      | 28,7  |
| 4      | 22,9  |
| 3      | 17,1  |
| 2      | 11,3  |
| 1      | 5,5   |
| 0      | 0,0   |
|        | m     |

