



# Żuraw wieżowy

Tower crane  
Turmdrehkran

**KR 160-8** CE

## Dane techniczne:

Technical data:

Technische daten:

**Maks. udźwig 8.0 t**

Max. capacity

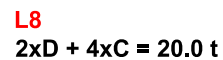
Max. Traglast

**Maks. wysięg 60 m**

Max. jib

Max. Ausladung

### Jib lenght and counter-weight/Ausladung und Tragfähigkeit



**L7**  
 **$1xD + 5xC = 19.0 \text{ t}$**

**L6**  
 **$2xD + 3xC = 17.0 \text{ t}$**

**L5**  
 **$1xD + 4xC = 16.0 \text{ t}$**

**L4**  
 **$1xD + 4xC = 16.0 \text{ t}$**

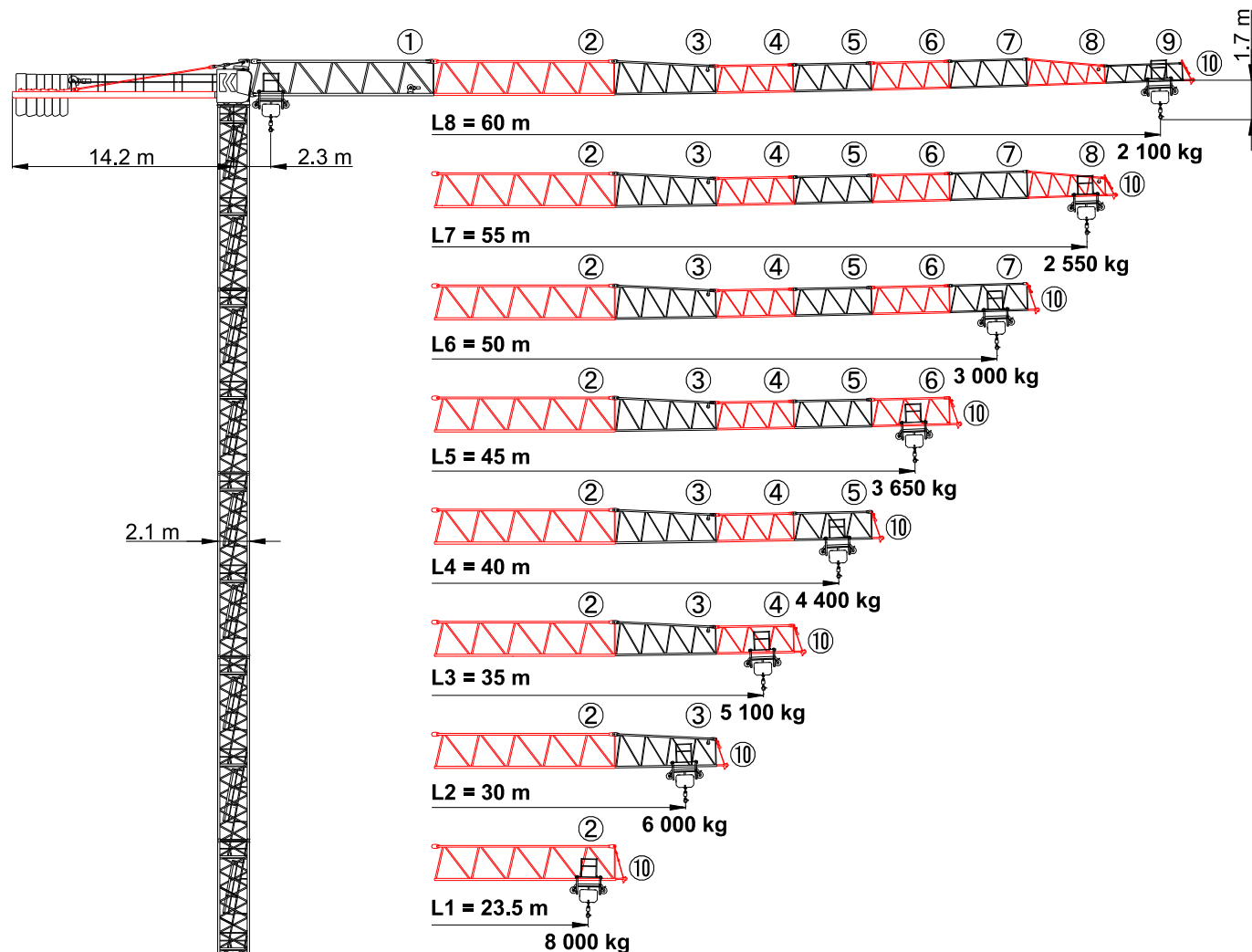
**L3**  
 **$2xD + 2xC = 14.0 \text{ t}$**

**L2**  
**4xC = 12.0 t**

**L1**  
 **$1xD + 2xC = 10.0 \text{ t}$**

**Balast C = 3.0 t**  
Ballast/Ballast

**Balast D = 4.0 t**  
Ballast/Ballast



# Wysokości podnoszenia, rodzaje posadowienia i systemy wieży, dla strefy C25

Combination of tower sections, hook heights, types of bases, wind zone C25/Hubhöhen für Windzone C25

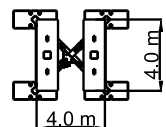
## Posadowienie na podstawie krzyżowej

Crane on cross base/Aufbau auf Fundamentkreuz

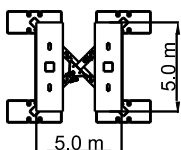
### Podstawy krzyżowe

Cross bases/Fundamentkreuz

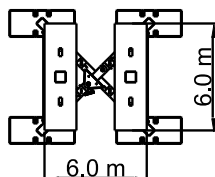
FK 410/419



FK 519



FK 619

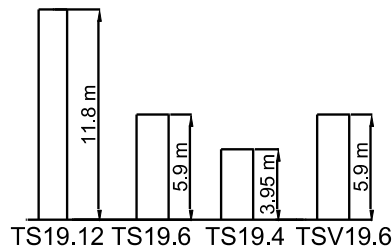


Balasty fundamentowe (BF) 4.0 t

Foundation ballast (BF) 4.0 t/Fundamentballast (BF) 4.0t

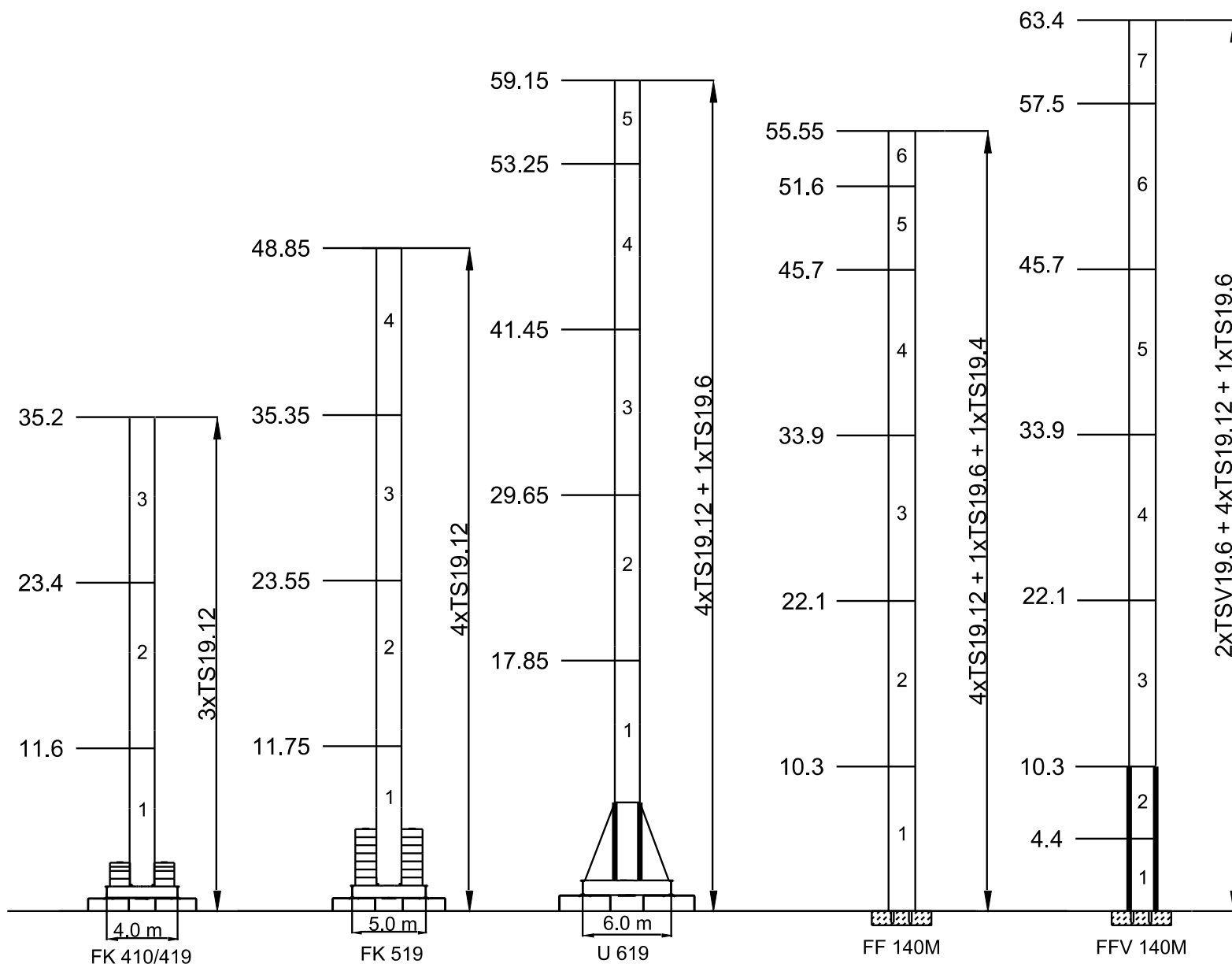
### System wieży TS19

Tower system/Turnsystem



Wstawki wieży typu TS można stosować zamiennie

TS type tower sections can be used interchangeably/Turmelemente dürfen untereinander

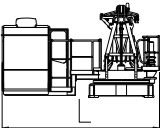
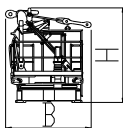
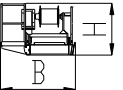
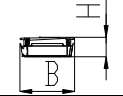
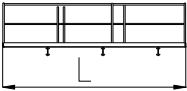
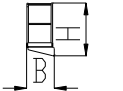
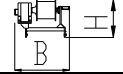
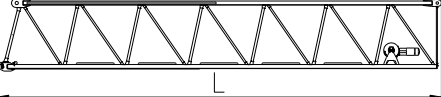
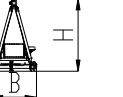
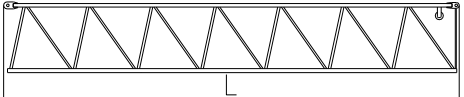
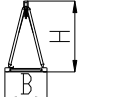
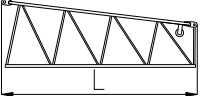
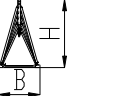
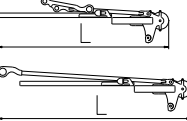
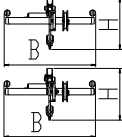


## Posadowienie na kotwach traconych

Crane on foundation anchors/Aufbau auf Fundamentanker

**Lista elementów**

Packing list/Kolli-Liste

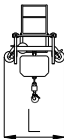
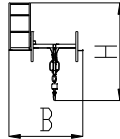
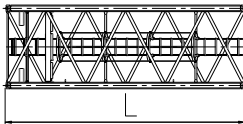
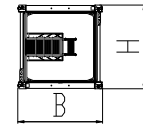
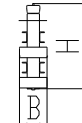
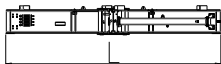
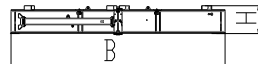
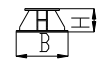
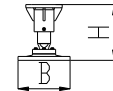
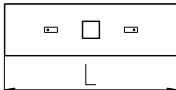
| Lp.<br>Item<br>Pos. | Ilość<br>Qty.<br>Ans. | Element<br>Element<br>Teil                                                        |                                                                                      |                                                                                       | L<br>[m] | B<br>[m] | H<br>[m] | Waga*<br>Weight*<br>Gewicht*<br>[kg] |
|---------------------|-----------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|----------|----------|--------------------------------------|
| 1                   | 1                     | Kompletna obrotnica<br>Complete slewing platform<br>Drehbühne kpl.                |     |    | 5.06     | 2.3      | 2.51     | 6795                                 |
| 2.1                 | 1                     | Przeciwwysięgnik<br>Counter-jib<br>Gegenausleger kpl.                             |    |    | 13.25    | 2.13     | 1.53     | 5303                                 |
| 2.2a                | 1                     | Złożony przeciwwysięgnik<br>Folded counter-jib<br>Transportstellung Gegenausleger |    |    | 13.25    | 1.27     | 0.64     | 3985                                 |
| 2.2b                | 1                     | Podest boczny<br>Side platform<br>Podest gegenausleger                            |     |    | 4.84     | 0.73     | 1.37     | 175                                  |
| 2.2c                | 1                     | Wciągarka<br>Hoist winch<br>Hubwinde                                              |     |    | 1.46     | 1.21     | 1.02     | 1143                                 |
| 3                   | 1                     | Pierwszy element wysięgnika<br>First jib section<br>Ausleger-Anlenkstück          |    |    | ① 11.7   | 1.1      | 2.41     | 3134                                 |
| 4                   | 1                     | Elementy wysięgnika<br>Jib section<br>Auslegerstück                               |  |  | ② 11.8   | 1.1      | 2.33     | 2198                                 |
|                     |                       |                                                                                   |                                                                                      |                                                                                       | ④ 5.22   | 1.1      | 1.83     | 603                                  |
|                     |                       |                                                                                   |                                                                                      |                                                                                       | ⑤ 5.22   | 1.1      | 1.83     | 520                                  |
|                     |                       |                                                                                   |                                                                                      |                                                                                       | ⑥ 5.22   | 1.1      | 1.82     | 399                                  |
|                     |                       |                                                                                   |                                                                                      |                                                                                       | ⑦ 5.19   | 1.1      | 1.8      | 355                                  |
|                     |                       |                                                                                   |                                                                                      |                                                                                       | ⑨ 5.15   | 1.1      | 1.18     | 275                                  |
| 5                   | 1                     | Elementy wysięgnika<br>Jib section<br>Ausleger-Anlenkstück                        |  |  | ③ 6.74   | 1.1      | 2.27     | 937                                  |
|                     |                       |                                                                                   |                                                                                      |                                                                                       | ⑧ 5.15   | 1.1      | 1.79     | 308                                  |
| 6                   | 1                     | Element 10. wysięgnika<br>Jib tip<br>Ausleger-Kopfstück                           |   |  | ⑩ 2.11   | 1.13     | 0.56     | 79                                   |
|                     |                       |                                                                                   |                                                                                      |                                                                                       | 2.38     | 1.13     | 0.55     | 77                                   |

\*Ciężary montażowe patrz: Instrukcja obsługi.

\*Mounting weights see: Manual instruction/Montagegewichte siehe Betriebsanleitung

**Lista elementów**

Packing list/Kolli-Liste

| Lp.<br>Item<br>Pos. | Ilość<br>Qty.<br>Anz. | Element<br>Element<br>Teil                                   |                                                                                     |                                                                                       |                                        | L<br>[m]                   | B<br>[m]                 | H<br>[m]                     | Waga*<br>Weight*<br>Gewicht*<br>[kg] |
|---------------------|-----------------------|--------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------|----------------------------|--------------------------|------------------------------|--------------------------------------|
| 7                   | 1                     | Wodzak<br>Trolley<br>Laufkatze mit Fahrkarb                  |    |    |                                        | 1.6                        | 1.96                     | 2.6                          | 532                                  |
| 8                   | 1                     | Element wieży<br>Tower section<br>Turmelement                |   |    | TS19.4<br>TS19.6<br>TS19.12<br>TSV19.6 | 3.95<br>5.9<br>11.8<br>5.9 | 2.1<br>2.1<br>2.1<br>2.1 | 2.06<br>2.06<br>2.06<br>2.08 | 1749<br>2443<br>4731<br>3015         |
| 9.1                 | 4                     | Kotwa tracona<br>Foundation anchor<br>Fundamentfuß           |    |    | FF 140<br>FFV 140                      | 0.4<br>0.4                 | 0.4<br>0.4               | 1.12<br>1.12                 | 4x121<br>4x137                       |
| 9.2                 | 1                     | Podstawa krzyżowa<br>Cross base<br>Fundamentkreuz kpl.       |   |    | FK519                                  | 7.5                        | 7.5                      | 0.9                          | 5282                                 |
| 10.1                | 4                     | Podpora stała<br>Pyramidal suport<br>Stützperamide           |    |    | PS100<br>PS150                         | Ø0.5<br>0.6                | Ø0.5<br>0.6              | 0.27<br>0.64                 | 4x52<br>2x267                        |
| 10.2                | 4                     | Podpora regulowana<br>Outrigger jack<br>Stützspindel         |   |   |                                        | Ø0.4                       | Ø0.4                     | 0.4                          | 4x82                                 |
| 10.3                | 4                     | Balast fundamentowy<br>Foundation balast<br>Fundamentballast |  |  | BF 4t                                  | 2.45                       | 1.0                      | 0.75                         | 4x4000                               |
| 11                  | 1                     | Balast centralny<br>Central balast<br>Zentralballast         |  |  | BZ 5t<br>BZ 2.5t                       | 4.0<br>4.0                 | 0.49<br>0.26             | 1.2<br>1.2                   | 5000<br>2500                         |
| 12                  | 1                     | Balast przeciwwagi<br>Counter-weight<br>Gegenballast         |  |  | BG C<br>BG D                           | 0.5<br>0.66                | 0.95<br>0.95             | 2.68<br>2.71                 | 3000<br>4000                         |

\*Ciężary montażowe patrz: Instrukcja obsługi.

\*Mounting weights see: Manual instruction./Montagegewichte siehe Betriebsanleitung

**Tabela udźwigów KR 160-8**

Table of capacity/Traglastabelle

|  |  |  |      |      |             |      |      |             |      |             |      |             |      |             |      |             |      |             |      |             |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------|------|-------------|------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|------|-------------|
| [m]                                                                               | 8000 [kg]                                                                         | 17.5                                                                                | 20   | 22.5 | 23.5        | 25   | 27.5 | 30          | 32.5 | 35          | 37.5 | 40          | 42.5 | 45          | 47.5 | 50          | 52.5 | 55          | 57.5 | 60          |
| L8 – 60.0                                                                         | 2.3 – 19.17                                                                       | 8000                                                                                | 7642 | 6718 | 6404        | 5979 | 5375 | 4871        | 4445 | 4079        | 3763 | 3486        | 3241 | 3024        | 2829 | 2654        | 2496 | 2352        | 2220 | <b>2100</b> |
| L7 – 55.0                                                                         | 2.3 – 20.43                                                                       | 8000                                                                                | 8000 | 7203 | 6868        | 6415 | 5771 | 5234        | 4780 | 4391        | 4053 | 3758        | 3497 | 3266        | 3059 | 2872        | 2703 | <b>2550</b> |      |             |
| L6 – 50.0                                                                         | 2.3 – 21.17                                                                       | 8000                                                                                | 8000 | 7487 | 7140        | 6671 | 6004 | 5447        | 4977 | 4573        | 4224 | 3918        | 3648 | 3408        | 3193 | <b>3000</b> |      |             |      |             |
| L5 – 45.0                                                                         | 2.3 – 22.42                                                                       | 8000                                                                                | 8000 | 7971 | 7603        | 7107 | 6400 | 5811        | 5312 | 4885        | 4514 | 4190        | 3904 | <b>3650</b> |      |             |      |             |      |             |
| L4 – 40.0                                                                         | 2.3 – 23.39                                                                       | 8000                                                                                | 8000 | 8000 | 7960        | 7443 | 6705 | 6090        | 5570 | 5124        | 4738 | <b>4400</b> |      |             |      |             |      |             |      |             |
| L3 – 35.0                                                                         | 2.3 – 23.29                                                                       | 8000                                                                                | 8000 | 8000 | 7924        | 7408 | 6674 | 6062        | 5544 | <b>5100</b> |      |             |      |             |      |             |      |             |      |             |
| L2 – 30.0                                                                         | 2.3 – 23.08                                                                       | 8000                                                                                | 8000 | 8000 | 7845        | 7334 | 6606 | <b>6000</b> |      |             |      |             |      |             |      |             |      |             |      |             |
| L1 – 23.5                                                                         | 2.3 – 23.50                                                                       | 8000                                                                                | 8000 | 8000 | <b>8000</b> |      |      |             |      |             |      |             |      |             |      |             |      |             |      |             |

**Dane napędów**

Data of drivers/Antriebe

|                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                          |        |                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------|-------------------------------------------------------------------------------------|
| PM/T                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | $V = \rightarrow 0 - 100.0 \left[ \frac{m}{min} \right]$ | 4.7 kW | 400V<br>50 Hz                                                                       |
| PM/R                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | $V = \rightarrow 0 - 0.80 \left[ \frac{1}{min} \right]$  | 8 kW   | 3 Ph                                                                                |
| <div><div>HH maks. dla wciągarki typu:<br/>HH max. for winch type:<br/>Max. HH für:</div><div>Standard = 100 m<br/>Lebus = 160 m</div></div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                          |        |                                                                                     |
| Typ<br>Type/Art<br>PM/H 19<br>30 kW                                                                                                                                                                                           | <div><div><div>8</div><div>7</div><div>6</div><div>5</div><div>4</div><div>3</div><div>2</div><div>1</div><div>0</div></div><div><div>10</div><div>20</div><div>30</div><div>40</div><div>50</div><div>60</div><div>70</div><div>80</div><div>90</div></div><div><div>Prędkość haka <math>\left[ \frac{m}{min} \right]</math></div><div>Hook velocity <math>\left[ \frac{m}{min} \right]</math> / Hubgeschwindigkeit <math>\left[ \frac{m}{min} \right]</math></div></div><div><div><div><div></div><div>Wolny bieg</div><div>Slow gear / erster Gang</div></div><div><div></div><div>Szybki bieg</div><div>Fast gear / zweiten Gang</div></div></div></div><div><div>8 t</div></div></div> |                                                          |        | Napięcie zasilania<br>Supply voltage<br>Versorgungsspannung AC<br>300 – 480 V       |
|                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                          |        | Suma mocy silników<br>Total motor output<br>Antriebsleistung gesamt<br>32.5 – 43 kW |
|                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                          |        | Moc przyłączeniowa<br>Connected power<br>Anschlussleistung<br>~43 kVA               |

Zgodnie z normą PN – EN 14439

All data refer to stanard EN 14439/Nach Norm EN 14439

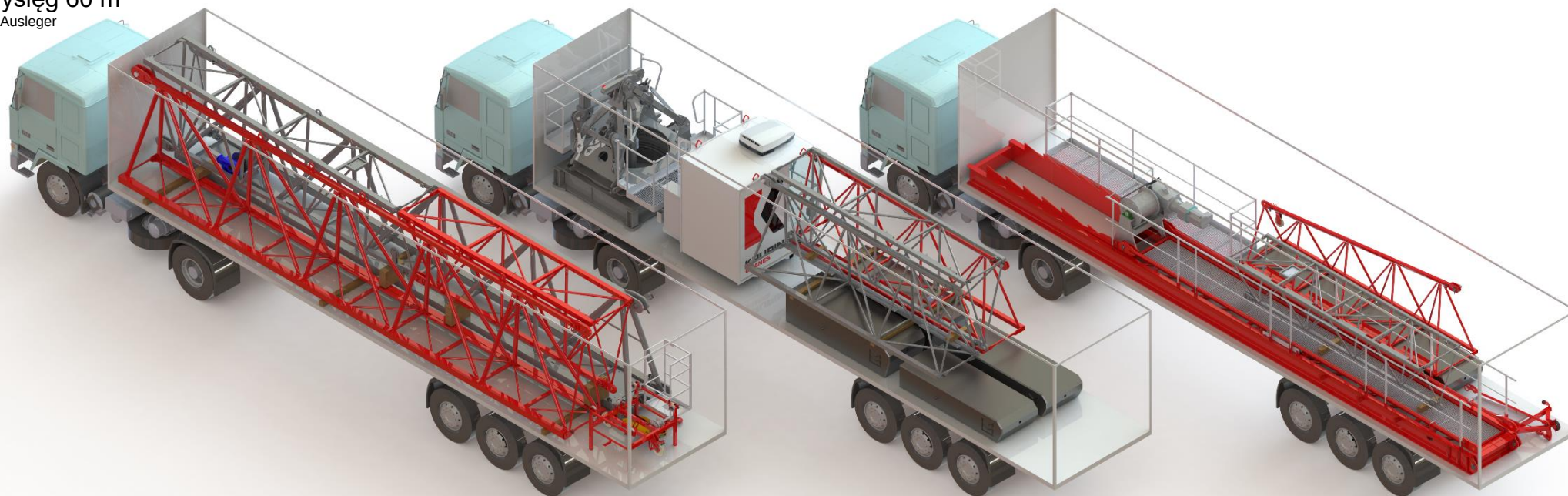


## Transport góry żurawia

Upper parts transport/Oberkran-Transport

Wysięg 60 m

Jib/Ausleger



### AUTO NR 1

TRUCK NO. 1/LKW-Nr. 1

Element 1. wysięgnika

First jib section/Ausleger-Anlenkstück

Element 2. wysięgnika

② jib section/② Auslegerstück

Element 3. wysięgnika

③ jib section/③ Auslegerstück

Element 4. wysięgnika

④ jib section/④ Auslegerstück

Wodzak

Trolley/Laufkatze mit Fahrkarb

### AUTO NR 2

TRUCK NO. 2/LKW-Nr. 2

Kompletna obrotnica

Complete slewing platform/Drehbühne kpl.

Element 5. wysięgnika

⑤ jib section/⑤ Auslegerstück

Element 6. wysięgnika

⑥ jib section/⑥ Auslegerstück

Element 7. wysięgnika

⑦ jib section/⑦ Auslegerstück

Balast przeciwwagi C 2x3.0t

Counter-weight C 2x3.0t/Gegenballast C 2x3.0t

Balast przeciwwagi D 2x4.0t

Counter-weight D 2x4.0t/Gegenballast D 2x4.0t

### AUTO NR 3

TRUCK NO. 3/LKW-Nr. 3

Przeciwwysięgnik

Counter-jib/Gegenausleger kpl.

Element 8. wysięgnika

⑧ jib section/⑧ Auslegerstück

Element 9. wysięgnika

⑨ jib section/⑨ Auslegerstück

Element 10. wysięgnika

Jib tip/Ausleger-Kopfstück

Balast przeciwwagi C 2x3.0t

Counter-weight C 2x3.0t/Gegenballast C 2x3.0t

[www.krupinskicranes.com](http://www.krupinskicranes.com)



Producent zastrzega sobie prawo do wprowadzania zmian.

Subject to alterations! / Änderungen vorbehalten!

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**PN-EN 14439 | C.0.10.0160 (BGL) | A3 (FEM 1.001) | HD4 HC1 (PN-EN 13001-2)**