System components

WOLFF Undercarriage

Technical informations
Published by
WOLFFKRAN GmbH
Austraße 72
74076 Heilbronn
Germany
Phone +49 7131 9815 0
Fax +49 7131 9815 355
www.wolffkran.com
info@wolffkran.de

Copyright
This documentation including all of its subsections is protected by copyright laws.
Any type of use or modification outside of the stringent limits of the copyright laws without permission of WOLFFKRAN GmbH is prohibited and subject to penalties.
This applies particularly for copying, translation, microfilming and storage and processing in electronic systems.
At the time of printing, the information, data, illustrations and notes comprised in this manual were up-to-date.
Subject to change of design, error and typos.

Stand: 06/2013
# Table of contents

1. Technical Data UW 260.1  
   5
2. Technical Data UW 260.2  
   7
3. Technical Data UW 260.3  
   9
4. Technical Data UW 480  
   11
5. Technical Data UW 4120  
   13
1 Technical Data UW 260.1

Undercarriage UW 260.1

<table>
<thead>
<tr>
<th>X</th>
<th>View X</th>
<th>L</th>
<th>Detail L</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>Direction of travel</td>
<td>S</td>
<td>Rail</td>
</tr>
</tbody>
</table>

- Rail gauge A min. 5.00 m
- Rail gauge A max. 6.00 m
- Wheelbase B min. 6.00 m
- Wheelbase B max. 6.79 m
- Min. curve radius with a rail gauge of 6 m 15.0 m
- Rail material S 49 DIN 5902
- Crane traversing speed 25 m/min
- Accumulated motor power 2 x 5.5 kW
- Total weight of undercarriage (without ballast) 11400 kg

The undercarriage represents an independent module for applications with a WOLFF slewing tower crane system.
For information pertaining to application options, refer to the manual of the corresponding WOLFF slewing tower crane (tower combination, central ballast block / corner load tables).
2 Technical Data UW 260.2

Undercarriage UW 260.2

<table>
<thead>
<tr>
<th></th>
<th>View X</th>
<th></th>
<th>Detail L</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>Direction of travel</td>
<td>L</td>
<td>Rail</td>
</tr>
</tbody>
</table>

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Rail gauge A min.</td>
<td>5.00 m</td>
</tr>
<tr>
<td>Rail gauge A max.</td>
<td>6.00 m</td>
</tr>
<tr>
<td>Wheelbase B min.</td>
<td>6.00 m</td>
</tr>
<tr>
<td>Wheelbase B max.</td>
<td>6.79 m</td>
</tr>
<tr>
<td>Min. curve radius with a rail gauge of 6 m</td>
<td>15.0 m</td>
</tr>
<tr>
<td>Rail material</td>
<td>S 49 DIN 5902</td>
</tr>
<tr>
<td>Crane traversing speed</td>
<td>25 m/min</td>
</tr>
<tr>
<td>Accumulated motor power</td>
<td>2 x 5.5 kW</td>
</tr>
<tr>
<td>Total weight of undercarriage (without ballast)</td>
<td>13930 kg</td>
</tr>
</tbody>
</table>

The undercarriage represents an independent module for applications with a WOLFF slewing tower crane system.
2 Technical Data UW 260.2

For information pertaining to application options, refer to the manual of the corresponding WOLFF slewing tower crane (tower combination, central ballast block / corner load tables).
3 Technical Data UW 260.3

Undercarriage UW 260.3

<table>
<thead>
<tr>
<th>X</th>
<th>View X</th>
<th>L</th>
<th>Detail L</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>Direction of travel</td>
<td>S</td>
<td>Rail</td>
</tr>
</tbody>
</table>

- Rail gauge A min. 5.00 m
- Rail gauge A max. 6.00 m
- Wheelbase B min. 6.00 m
- Wheelbase B max. 6.79 m
- Min. curve radius with a rail gauge of 6 m 15.0 m
- Rail material S 64 DIN 5902
- Crane traversing speed 30 m/min
- Accumulated motor power 4 x 5.5 kW
- Total weight of undercarriage (without ballast) 17200 kg

The undercarriage represents an independent module for applications with a WOLFF slewing tower crane system.
For information pertaining to application options, refer to the manual of the corresponding WOLFF slewing tower crane (tower combination, central ballast block / corner load tables).
Undercarriage UW 480

<table>
<thead>
<tr>
<th>X</th>
<th>View X</th>
<th>L</th>
<th>Detail L</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>Direction of travel</td>
<td>S</td>
<td>Rail</td>
</tr>
</tbody>
</table>

Rail gauge A | 8.00 m
Wheelbase B  | 8.00 m
Rail material | S 49 DIN 5902
Crane traversing speed | 25 m/min
Accumulated motor power | 6 x 5.5 kW
Total weight of undercarriage (without ballast) | 34000 kg

The undercarriage represents an independent module for applications with a WOLFF slewing tower crane system.
For information pertaining to application options, refer to the manual of the corresponding WOLFF slewing tower crane (tower combination, central ballast block / corner load tables).
5 Technical Data UW 4120

Undercarriage UW 4120

<table>
<thead>
<tr>
<th>X</th>
<th>View X</th>
<th>L</th>
<th>Detail L</th>
<th>C</th>
<th>Direction of travel</th>
<th>S</th>
<th>Rail</th>
</tr>
</thead>
</table>

Rail gauge A  
Wheelbase B  
Rail material S 64 DIN 5902  
Crane traversing speed 30 m/min  
Accumulated motor power 8 x 5.5 kW  
max. permitted corner load 2500 kN  
Total weight of undercarriage (without ballast) 74900 kg

The undercarriage represents an independent module for applications with a WOLFF slewing tower crane system.

For information pertaining to application options, refer to the manual of the corresponding WOLFF slewing tower crane (tower combination, central ballast block / corner load tables).
WOLFFKRAN Group
Headquarter international:

WOLFFKRAN AG
Baerermattstraße 6
CH-6300 Zug
Switzerland
Phone +41 41 766 85 00
Fax +41 41 766 85 99
info@wolffkran.com

Manufacturing:

WOLFFKRAN GmbH
Austraße 72
D-74076 Heilbronn
Germany
Phone + 49 7131 9815 0
Fax + 49 7131 9815 355
info@wolffkran.de

WOLFFKRAN Werk Brandenburg GmbH
Frederik-Ipsen-Straße 5
D-15926 Luckau OT Alteno
Germany
Phone + 49 35456 674 0
Fax + 49 35456 674 200
info@wolffkran.de