



NOTE

The a.m. information represents the tip of the iceberg of our possibilities only. There are decades of experience with all the varying compositions of semi- and/or fully automated operation, equipped with additional hooks for sling attachment, whatsoever kind of (safety) features, etc. Every lifter will be tailor made to customers specific requirements and input. See some more examples of roller lifting equipment:



Lifting Beams



Slab Tongs



Container Spreader



Coil Grabs



Stamping Tool Grabs



Tilting Tables / Turning Devices



Nordgreif GmbH

Dannenkamp 9-11
D-22869 Schenefeld / Hamburg
Germany

Telefon: +49 (0) 40 / 73 60 74 0
Telefax: +49 (0) 40 / 73 60 74 22

Email: info@nordgreif.com
Internet: www.nordgreif.com

© Copyright by Nordgreif GmbH 2016.
Our current Terms and Conditions of Sale, Delivery and Payment apply.

Please request as needed.

All rights reserved. It is forbidden to reprint this brochure including extracts.



www.nordgreif.com

Milling Roller
HANDLING EQUIPMENT



Depending on the way of operation of the maintenance team as well as the local space conditions there are different ways of handling the rollers. They are being lifted with or without the chocks.

1. WITH chocks

1.1. BUR Back Up Rollers

1.1.1. Holding on roller body

Gripper shells provided with polyamide pads to protect roller surface. Chock stabilizers operating by gravity, el. motor or hydraulically.



Image shows a lifter with hydraulically operated stabilizers for the chocks, SWL 60 tons

1.1.2. Holding on chocks

Frame type lifter with grippers driving into the lifting pockets of the chocks.



Image shows a lifter with electromotive gripper extraction, SWL 50 tons

1.1.3 Holding on shafts ends

Rollershafts supported by J-hooks, with electromotive chock stabilizers.



Image shows a lifting beam with J-hooks and electromotive chock stabilizers, SWL 60 tons

1.2. WR Working Rollers

1.2.1. SINGLE roller lifting

1.2.1.1. Holding on roller body

Similar to 1.1.1. but for smaller diameters.



Image shows an electro-hydraulic operated WR lifter with chock stabilizers, SWL 25 tons

1.2.1.2. Holding on chocks

Similar to 1.1.2 but for smaller diameters.



Image shows an electromotive operated WR lifter with static chock stabilizers, SWL 55 tons

1.2.1. PAIRWISE roller lifting

As the two WR are assembled closely together it is possible to move both rollers simultaneously. It is possible lifting only single rollers in the lifters lower section.

1.2.2.1. Holding on roller body

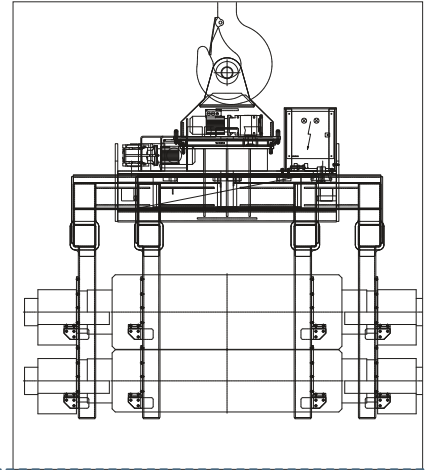
Only the lower roller body is gripped with the upper roller just on top (upper chocks directly laying on the lower chocks).



Image shows an electro-hydraulic operated WR lifter during installation phase (chock stabilizers not assembled yet), SWL 50 tons

1.2.2.2. Holding on chocks

Static brackets at each leg grip underneath protrusions of chocks.



Drawing shows an electromotive operated WR lifter with slewing device, capacity 14 tons

1.2.2.3. Holding on shaft ends of rollers

Chocks remain on the rollers shafts. Shaft ends protrude and being held in trays. Lifter is able to handle single roller as well.



Picture shows an electro-hydraulic operated WR lifter with pairwise rollers, capacity 22 tons

2. WITHOUT chocks

The equipment is very similar as shown under 1.1.1., 1.1.3, 1.2.1.1, 1.2.2.1 and 1.2.2.3. just without the stabilizers for the chocks. Pairwise lifting of WR without chocks requires special handling.