

## NORDGREIF's New Generation of Telescopic Coil Grabs

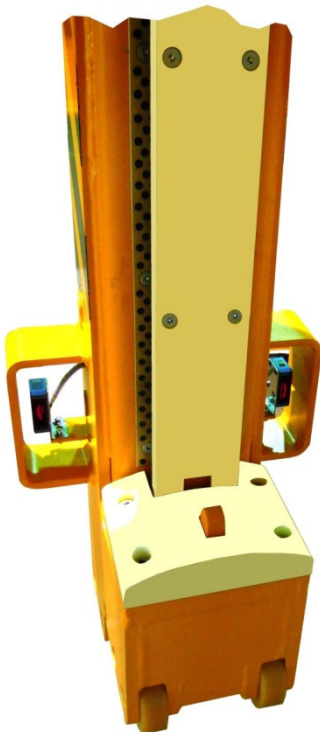
After the impressive number of 500+ coil grabs bundled all the accumulated experience and created a new, modern, gentle and low maintenance telescopic coil grab.

Cost efficiency, reduced operational and maintenance costs, increased availability, durable design for extended life time paired with the choice of proven components end up in these new and innovative coil grabs coping with the future market requirements.



Milestones to be high lightened:

- Durable and resistant welded design for 500.000+ working cycles



- Additionally equipped with three pairs of optical sensors for detecting the coil eye and for protecting the lifter feet. The distribution of the three pairs of sensors around the lifter feet guarantees that the lifter feet do not damage the coil inner layers. Coil damages are reduced to the minimum.
- The side contact bars with their additional vertical movement follow the coil movement in the early lifting and late setting phases and avoid scratching.
- Easily replaceable covers made of hard elastic polyamide material at the product facing sides of the contact bars as well as on the lifter feet treat the precious load gently and avoid damages of the high end finished product.
- Wheels made of elastic polyurethane material placed at the lower inner corners of the lifter feet make the feet rolling on the coil surface in case of unintended contact rather than scratching. Another measure for reduction of disliked damages.

- The automatic passivation of the closing mechanism when both coil sides are touched as well as the load detection avoiding opening of the grab under load remain key features of our coil grabs – as they do from the very first NORDGREIF coil grab built decades ago.
- Rough environment display lamps originating from the marine industry installed on silent blocks are good for the one or other part. The traditional bronze-glass materials in conjunction with the integrated bronze protection grid are much more forgiving than “modern” plastic materials.
- SEW gear drive units proved to be sturdy and long lasting. In case of need there is direct SEW service support available globally.



- The lifter legs are driven on maintenance free and easily replaceable sliding bars made of bronze with integrated pockets of greasing graphite.
- More than 95 % of NORDGREIF coil grabs are driven by generously sized roller chains providing synchronized movements of both legs.

- NORDGREIF is proud to announce that not a single serious problem or even accident has been reported in conjunction with the rotation unit on the coil grabs. Reason may be that we are using large diameter slewing bearings from reputed German suppliers.
- The hook connection is via easy-to-operate plug pin with matching rest. Every coil grab receives the connection point matching end users crane hook to guarantee exact positioning with least possible tolerance.





- An outstanding highlight of the new coil grab generation is the optionally available automatic greasing system.

The self-programmable central control unit and the large volume transparent grease reservoir allow months if not years of automatic lubrication. Multi-exit distributors supply the grease to the greasing ports.

- The electrical control of the NORDGREIF coil grabs is simple but efficient. The use of tried and tested standard components of reputed producers like SIEMENS, SCHMERSAL, PEPPERL&FUCHS and others allows easy and quick replacement of those components in the rare case of need.

Commonly the NORDGREIF coil grabs are coming fully wired with their electrical cabinet installed on top. This provides utmost flexibility when the grab needs to be operated at alternate locations/cranes.

Being the designers and producers of the NORDGREIF coil grabs we are open to special solutions required on account of specific needs. The control cabinet may also be separated for installation at a remote location. Or only digital signals are being exchanged via SIEMENS ET200 interface. Or SIEMENS S7 PLC control in full. Or .... – you name it, we check it.

Please link with us to prove our capability offering the best suitable solution for your specific needs.

We are happy to serve you.

