



**We check out your system!**

**Inspection of Variable Frequency Drive Motorized Reels**

Maximum  
results,  
minimal  
downtime

 **CONDUCTIX**  
wampfler  
Ⓞ DELACHAUX GROUP

# We care about the safety and availability of your system!

## VFD driven reels are the lifeline of your application!

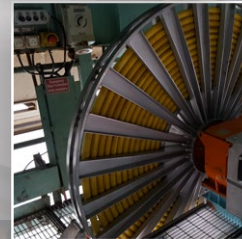
We offer an expert health check for this strategically important system. Our experts are trained to analyze and optimize the Variable Frequency Drive (VFD) Reel of your container handling (STS, E-RTG, RMG) and mining+bulk (TBM, Stacker-Reclaimer, Hopper/Tripper-car, BWE, etc.) application.



## Your Advantages



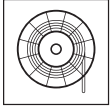
- Our service staff can evaluate the performance of your reeling system in operation. We can optimize the control software and increase the lifetime of main components like cable, gearbox, or drive.
- Our extensive experience gives us the ability to compare with alternative applications. We are able to detect and eliminate problems before an unplanned breakdown happens or expensive subsequent damages occur.
- Based on our expertise, we are able to recommend actions as well as offer the correct spare parts to assure a high availability of your system.



*“Inspection by our expert team on top of the regularly scheduled maintenance actions by the operator can further improve the availability of the reeling system. Our teams draw on the experience and knowledge gained from hundreds of inspected applications. We are able to recommend actions as well as optimize the control of the reeling system immediately.”*

# Tailor made inspection service – our service packages:

## Essential Package



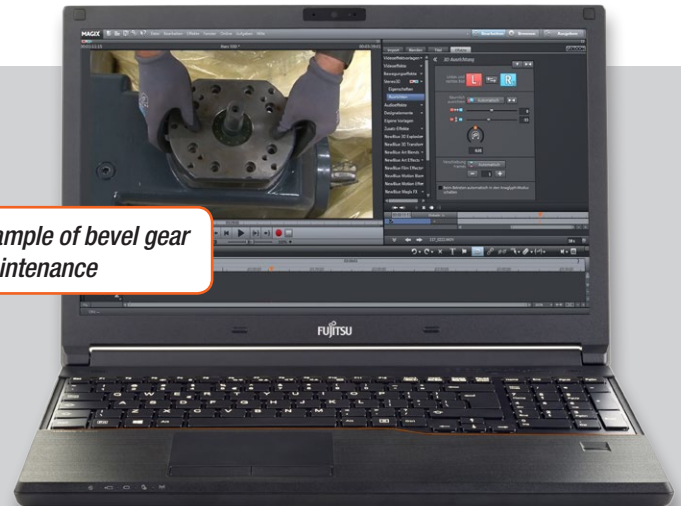
- Static inspection of key system components such as cable, spool, gearbox, slip ring assembly, fiber optic rotary joint, motor, brake and accessories
- Inspection of electrical connections, adjustment of heaters and condition of wear parts on slip ring assembly
- Physical check of motor and brake
- Review of crane and cable reel interface
- Performance check of the reeling system in operation
- Optimization of the control parameters or adjustment of interface signals if needed
- Inspection report including action recommendations and records of completed optimizations

## Extension Package



- **One day training session with on-site maintenance team (can also be booked as “training” individually)**
  - Introduction to the reeling system and its main components
  - Explanation of the operational modes of the reeling system
  - Review and explanation of recommended maintenance schedule
  - Avoiding typical mistakes; troubleshooting
  - Handling and replacement of spare parts

*Example of bevel gear maintenance*



Find out more about our products and services at:

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

# www.conductix.com

## **Conductix-Wampfler**

has just one critical mission:

To provide you with energy and data transmission systems that will keep your operations up and running 24/7/365.

To get in touch with our service specialists, please refer to:

**[www.conductix.com/  
contact-search](http://www.conductix.com/contact-search)**

