



## Optimized maintenance planning through customized real-time inspection methods

Poldrum is an inspection service that can quickly and precisely measure rotary drums during operation. It leads to a significant increase of availability of the drums by early detected damages. We offer the following options:

### Quick Check – Option 1 (1 day)

- Visual inspection of the entire system including drive unit
- Temperature measurement thermal imaging camera
- Vibrations drive / girth gear stroboscope
- Preparation and preparation of measurement reports

### Regular Check – Option 2 (3 days)

- Inspection of the entire drum including drive unit
- Vibration measurement on the powertrain
- Wobble and runout measurement on the girth gear (if possible)
- Temperature measurement on the drive to determine the load distribution
- Tyre and supporting roller diameter
- Measurement of the relative motion of loose tyres

### Documentation and measurement report

- Storage of all measured values and making them available for later calculations
- Preparation of documentation with meaningful protocols on site
- Preparation of a written report with explanations of the measurement protocols as well as recommendations for mechanical system optimization
- Digital provision of documentation containing all measurement results from the measurements carried out

### Your service advantages

- No downtime: All measurements are made during plant operation
- Measurement of drums of all manufacturers
- Applicable for many industries, such as chemical, sugar, paper, etc.
- Optimization of preventive maintenance by precise analysis of the measurement results
- Documentation of all results & individual recommendations