

# ROLLERS REFURBISHMENT WORKSHOP

## REFURBISHMENT MEETS REALITY – OUR WORKSHOP FOR USERS AND ROLLER MANAGERS .UNDERSTAND. IMPROVE. THINK AHEAD.

Every roller tells a story of millions of running meters, abrasion, mechanical stress, and time. At some point, traces appear – small signs of wear that can have a major impact on product quality, process reliability, and efficiency.

But what if you could read, understand, and actively influence all of that? Our refurbishment workshop makes exactly that possible. Right at your location or at our facility – practical, interdisciplinary, and with measurable added value.

### WHAT TO EXPECT:

#### **Technical understanding instead of mere theory:**

How is a calender roll constructed?  
What types of faults occur and why?

#### **Hands-on refurbishment:**

From grinding in the  $\mu\text{m}$  range to coatings and measurement methods- we show you the entire process.

#### **Identify causes – avoid faults:**

Process-related effects, insufficient quality of the roll functional surface, thermal loads, incorrect coating selection, operating errors, or maintenance deficiencies. We help you find the real reasons.

#### **Sustainability that pays off:**

Up to 80% savings compared to a new roll.  
Less CO<sub>2</sub>. Longer service life.

#### **Creating clarity:**

How can I recognize critical wear patterns at an early stage? How can I ensure longer service life?

### WORKSHOP CONTENT IN DETAIL:\*

#### **Basics of calender rolls**

Design, function, influence on product quality, common problems: their causes and consequences

#### **Typical fault patterns & causes**

Wear, thermal and mechanical influences, surface problems

#### **The refurbishment process**

- Coating
- Grinding
- Bearing disassembly and assembly
- Quality control & digital evaluation

#### **Focus on precision**

Concentricity, straightness, tolerances, hot grinding – our process for maximum accuracy.

#### **Safety & protection**

Standards, handling sensitive coatings, awareness for transport & storage

#### **Shaping the future**

Digital analysis tools, process consulting, and much more.

### WHO IS THIS WORKSHOP SUITABLE FOR?

Anyone who works with rollers, whether in production or maintenance.  
Anyone who wants to better understand technology and make processes future-proof. And anyone who prefers progress to stagnation.

### INDIVIDUAL. ON SITE. TO THE POINT.

Each workshop is tailored to your specific requirements – whether at your premises or at our branches in Germany or North America. You choose the topics, we provide the expertise.

# REFURBISHMENT IN ACTION



- Cross functional
- On site at your facility
- Topics tailored to your needs



**“SUSTAINABILITY MEANS PRESERVING  
WHAT ALREADY EXISTS AND NOT  
REPLACING IT PREMATURELY.”**

**STEFAN HESSELING, SALES MANAGER ROLLERS**

**REQUEST YOUR CUSTOMIZED WORKSHOP NOW!**

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