



Bühler Services
Partnering for better outcomes

FERAN & TITAN – High-performance rollers for consistent milling results

Built to last longer, perform reliably, and ensure consistent flour quality

Bühler rollers are designed and manufactured to Bühler standards and specifications – with proven material quality, precise machining, and strict quality control.

The result: reliable grinding performance, longer operating times, and better process control in your mill.

Your benefits



Longer service life

Bühler roller materials are engineered for wear resistance, helping extend service life without compromising performance. Refurbished rollers provide the same service life as new rollers.



Stable milling performance

Accurate fluting, correct camber, and high-precision true running help maintain consistent break release, extraction rate, and flour quality over time.



Lower operating costs

Longer intervals between refurbishments and fewer roller changes reduce downtime and maintenance effort, helping lower total cost of ownership.

Proven Bühler quality

- Manufactured according to unique Bühler standards and specifications
- High-precision true running with Bühler internal standard of ≤ 0.005 mm for flour milling applications
- More than 24,000 rolls produced per year
- Uniform hardness and metallurgical quality
- Professional global sales and service support
- Available for Bühler and non-Bühler equipment

Technical highlights

FERAN rollers

For proven standard performance in flour milling applications.

- Wear-resistant chilled-iron jacket
- Uniform surface structure
- High-precision true running
- Good grinding characteristics
- Suitable as corrugated or smooth rollers

TITAN rollers

For higher demands and longer service life.

- At least 30% longer service life compared with FERAN rollers in a given application
- Increased surface hardness and toughness
- Designed for longer operation times and reduced maintenance costs
- Suitable for corrugated rollers

Smooth rollers

- FERAN surface hardness 420-490 HB
- Standard camber C1/C2
- Surface roughness: blasted and frosted
- Depth of chilled-iron hardness 15mm +/- 5mm

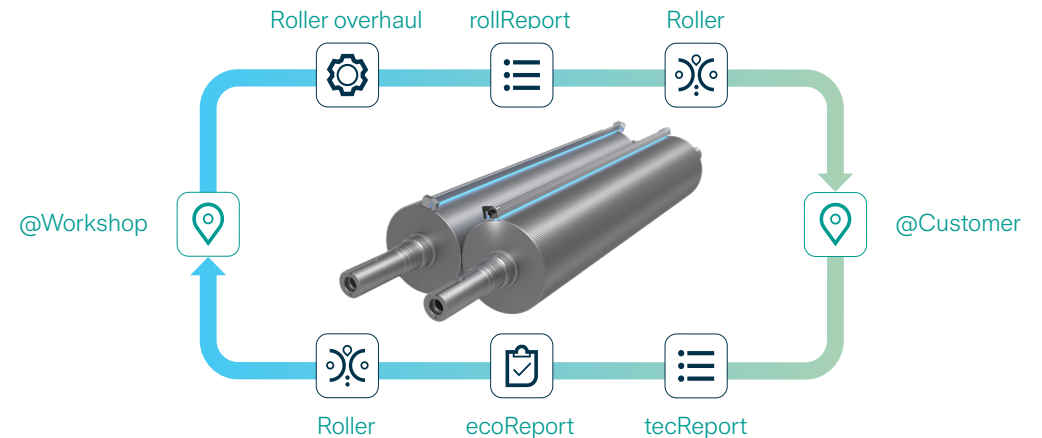
Corrugated (fluted) rollers

- FERAN surface hardness 490-530 HB
- TITAN surface hardness 530-570 HB
- With or without corrugations (flutes)
- Depth of chilled-iron hardness 15mm +/- 5mm

Keep your rollers performing

Bühler supports you throughout the entire lifecycle of your rollers – from inspection and professional refurbishment to reliable replacement services. Everything you need for lasting performance, all from a single source.

Talk to your Bühler service expert



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