Bühler Services
Partnering for better outcomes

Temperature and Vibration Management (TVM) Gen2

No subscription needed

Grinding is at the heart of flour milling and is a critical step regarding final product quality. In order to optimize your grinding process, advanced insights into operational performance are needed.

TVM provides real-time insights into your grinding processes, offering data-driven understanding for improved performance. Its transparent and investigative features enable informed decisions and early detection of operational issues, promoting safe and reliable grinding for consistently high-quality end products.

Bühler's Temperature and Vibration Management (TVM) includes:

– Automated temperature imbalance detection
– Alarms & notifications for extreme temperatures and events
– Real-time and historic temperature & vibration data visualization
– Seamless integration within the Mercury MES ecosystem for an all-in-one experience

Availability:

– Available for all Bühler roller mills, new or as retrofit*
– Third-party roller mill integration upon request

*Some conditions apply

Benefits

Optimize production

– Real-time operations monitoring
– Fast detection and response to temperature imbalance events
– Energy cost optimization

Ensure quality

– Consistent product quality
– Increased operational and production stability
– Reduction of waste through precise temperature control

Increase transparency

– A panoramic view of grinding performance
– Advanced analysis and insights into temperature and vibration information

Ready to transform your business?
Contact your local Bühler representative or get in touch with us at:
milling@buhlergroup.com

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Discover the unmatched benefits TVM brings to your process!

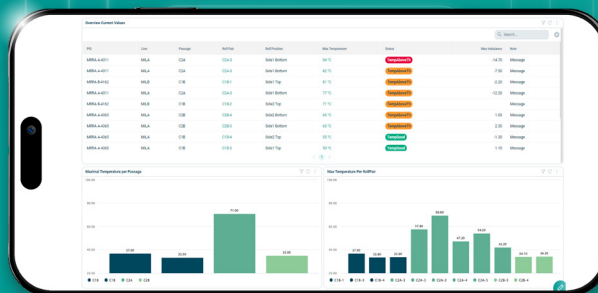## Real-time insights for superior grinding

– Real-time overview
of roll temperatures
for optimal control
– Improved transparency
and early detection of
grinding issues

Seamless integration with plant automation for efficient workflows

– Operational synergies are
ensured thanks to the
fluid implementation of
TVM into Mercury MES*
– Explore individual
rollers' performance
with a single click

*Some conditions apply
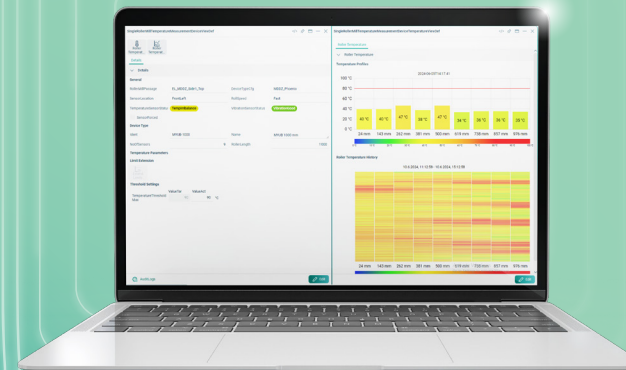
Fast indications for rapid adjustments

– Holistic overview of all
roller mills' performance
– Deep dive into
specific passages
for targeted insights

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