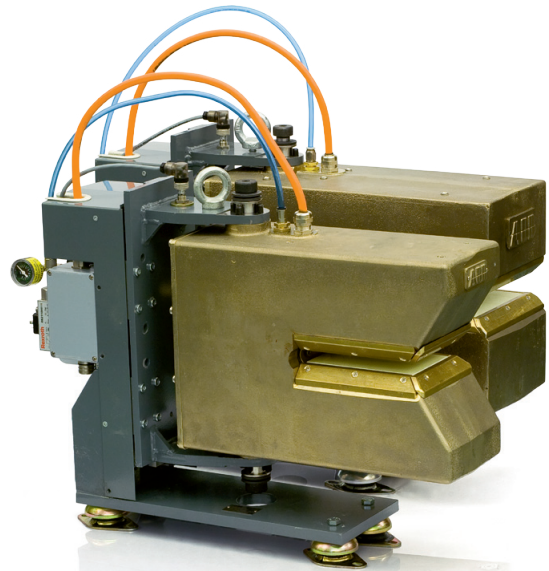


Millmate Thickness Gauging Systems Performance and profit

Measurement made easy



For a rolling mill, the key performance factors to monitor and maintain are:

- High productivity
- High reliability
- High production yield
- Robust production
- Low operational cost

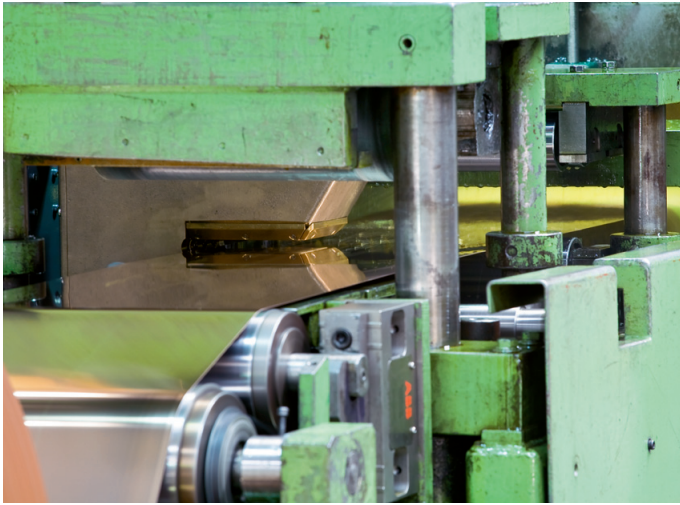
It is a real challenge to fulfill all these requirements. Millmate Thickness Gauge makes it easy.

Have you reached your capacity limit?

One way to increase productivity is to increase rolling speed, but there is always a limitation. Sometimes, that limitation can be the gauge. That is not the case with the Millmate Thickness Gauge (MTG). Its performance is consistent even at high speeds.

Want to run your mill without interruption?

The MTG has been designed to withstand the mechanical impacts associated with a rolling mill environment. The gauge gap allows for the strip to pass without interference. If there is significant vertical movement, for instance due to a strip break, the gauge will just swing out of measuring position. The robust gauge design takes the impact and is back in production in no time.



"We have no accuracy problems and there are no customer claims due to scratches anymore" says Liaoning Copper Trade Group, China.

Too many coils being scrapped?

Very often there are tough requirements for surface quality and even very small scratches or marks may lead to scrapping of the entire coil. The risk of marking the strip is eliminated with a Millmate Thickness Gauge because the gauge is never in contact with the strip.

Can you meet increased market requirements?

Industry trends are to reach for even tighter tolerance levels, and if this can be achieved, the strip will have a higher market value.

Most thickness gauges can support these requirements if operated in a lab environment. But a rolling mill is no lab; it is real industry. There is heat, dust, dirt, oil, coolant, water and occasionally even mechanical impacts. The alloy composition may vary from coil to coil, or even within the coil. Still, the thickness gauge must measure the strip thickness accurately.

Our Pulsed Eddy Current Technology ensures that measurement is unaffected by either mill environment or alloy variations.

What is the total cost for your gauging system?

All industrial equipment needs some maintenance. But the frequency, amount of attention and predictability differs greatly.

Experience the benefits of a gauge with extremely low maintenance requirements. Our robust gauge design, with no fragile or aging components, makes this possible.

Why not switch to a modern gauging technology?

ABB and the Millmate Thickness Gauge have already helped many strip producers improve their performance and profit through:

- Contact-free measurement
- Low maintenance
- Alloy-independent measurement
- Mill-duty design
- Installation design service

Make the switch and experience true lab accuracy in the mill.

For more information please contact:

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