

Strip rolling mills

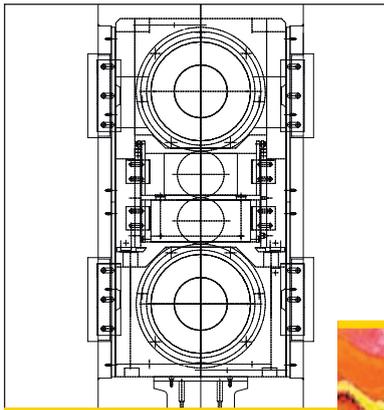
Greater success in profitable markets thanks to

- Long-lasting high-tech precision
- For large dimension ranges
from 0.1 mm thickness and less
- Maximum productivity
- Impressive system output
- Convincing flexibility and maximum availability

Efficiency is cool.

Bühler strip rolling mills can be used to produce metal strips and plates in a wide range of sizes and with very flexible capacity.

Bühler strip rolling mills meet your high expectations in terms of lasting precision and economic efficiency right from the start. They are constructed for the reduction of thickness in strips and plates made from a variety of materials in any dimension – depending on the material – in material widths of up to 300 mm and roller widths of up to 450 mm.



By using the Bühler roller system with reversing rollers, strips in thicknesses of 0.1 mm and less can be produced – depending on the material.

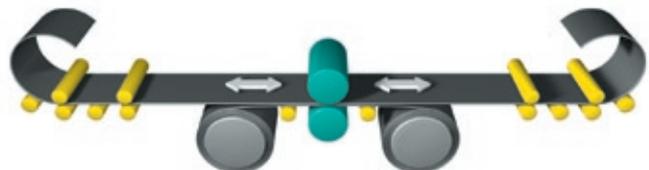
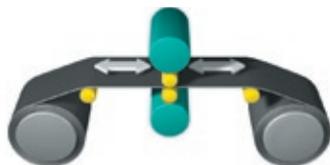
This is why the products you produce on Bühler rolling mills will give you a competitive edge: You can manufacture your high-tech products using the latest rolling mill technology, achieving high precision in a process specially tailored to your requirements. The reliability, availability and long life of Bühler rolling mills are almost unbeatable.



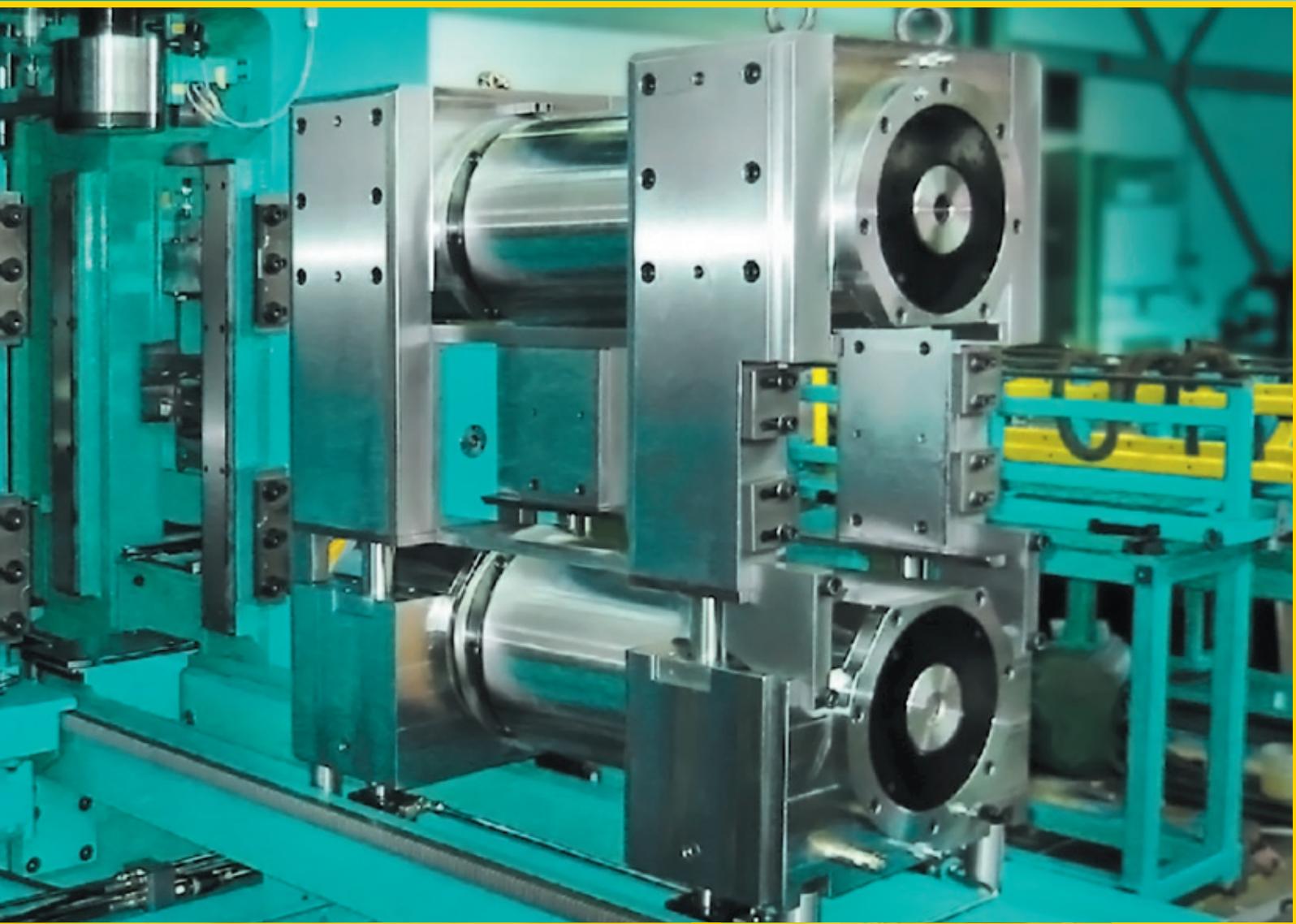
Strip rolling mills

Schematic diagrams showing two strip rolling mills

The combination of primary mill (in Bühler Duo configuration) and finishing mill (in Bühler Quarto configuration) makes it possible to manufacture both thin and thick strips. Thickness and other production parameters are monitored and maintained at the optimum value by means of the latest control circuits (mass-flow regulation, strip tension regulation, strip edge control, trend regulation).

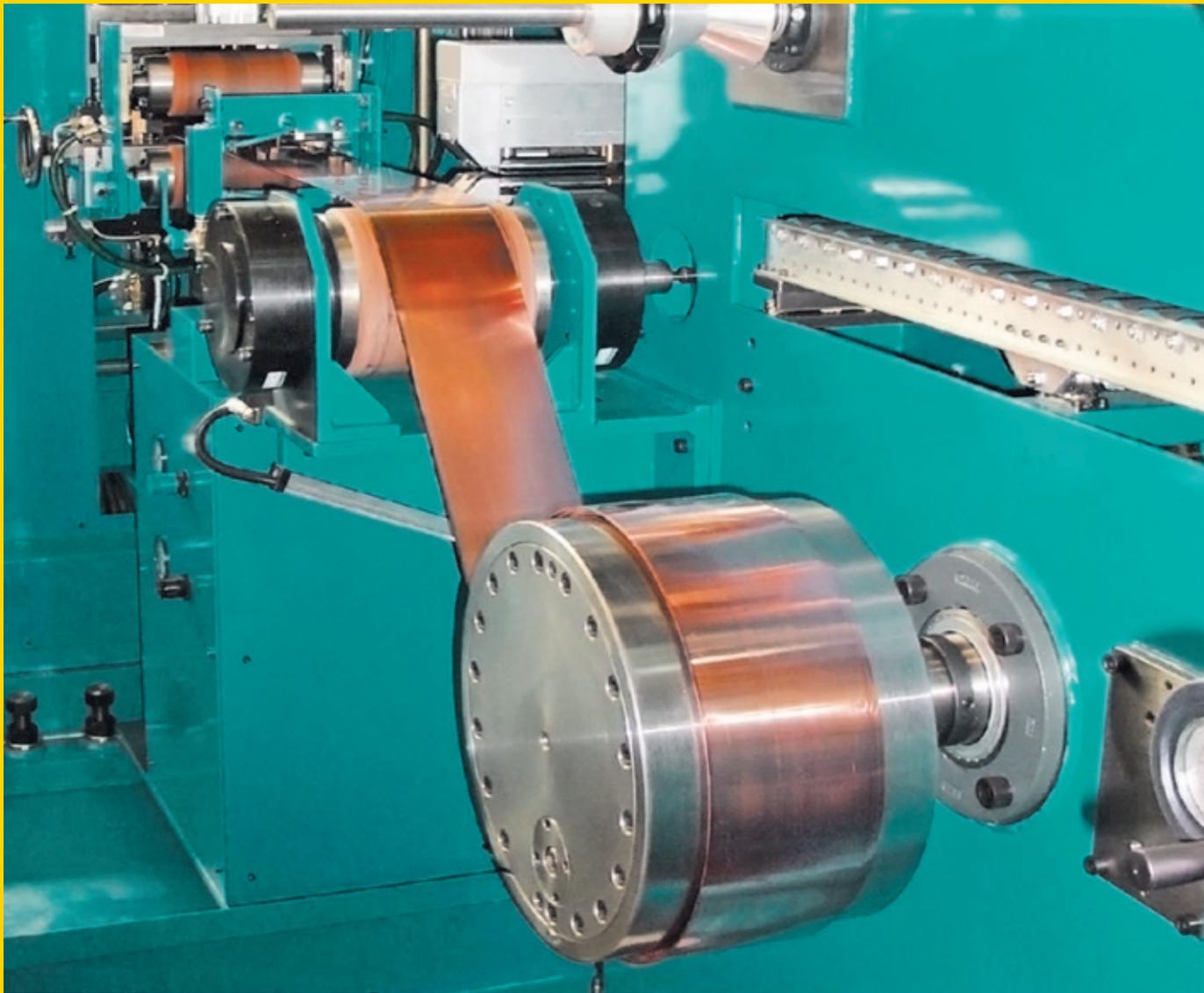


Efficiency is cool.



Above: Changing supporting rollers in a Quarto stand.
Below: The typical configuration of a Bühler strip rolling mill as shown is used as a high-precision rolling mill for noble metals. It is therefore equipped with the latest measurement technology and pilot strip band.

Thickness measurement in conjunction with mass flow regulation and tension regulation by means of a deflector roller with integrated tension measurement guarantee maximum product precision.



Top: Winder with tension measurement and regulation

Bottom: Measuring technology, air-jet cleaner



Scraper unit in a cladding rolling mill



An AgNi strip is fed in for roll cladding

Efficiency is cool. And efficiency is good news!



These days you won't get anywhere without verifiable performance and economic efficiency. This just as much the case for you as for us! That's why our aim in developing and marketing Bühler rolling mills is: Anything that strengthens your competitive position also strengthens our position with you. Win-win – good news – for you and for us! That's what motivates us.

That's why the products produced on Bühler rolling mills give you a lead over your competitors:

You can choose from our complete system technology for rolling, drawing, annealing and winding round, flat or profile wires made from copper, copper alloys, nickel, nickel alloys, other non-ferrous metals, as well as composite materials, noble metal alloys and dispersion materials.

You can manufacture your high-tech products using the latest rolling techniques, achieving high-precision results specially tailored by Bühler to your needs.

You will also benefit from our wide-ranging know-how for reducing, compressing or profiling all formable materials for producing the finest band materials, flat and round profiles with tolerances measured in μ .



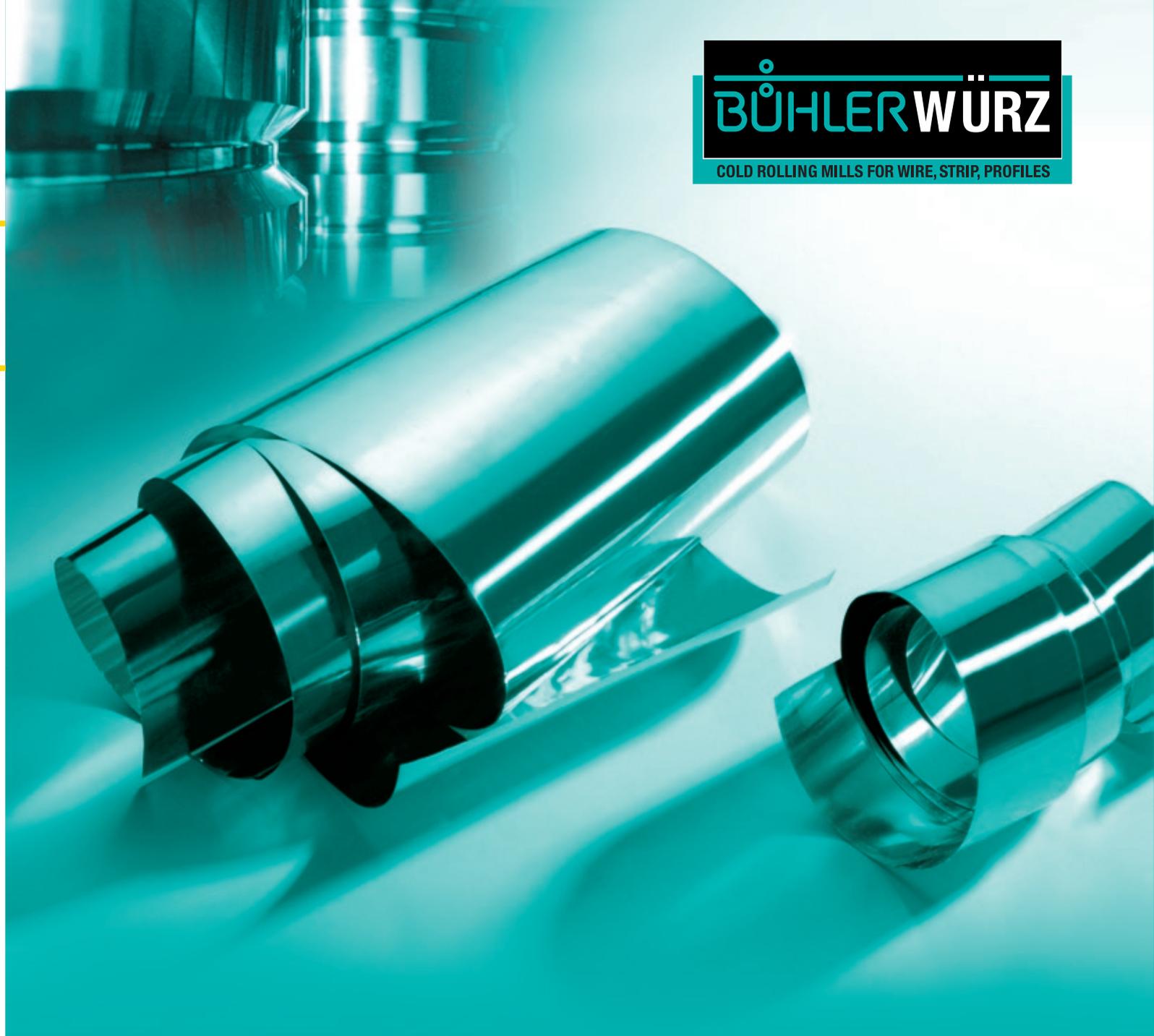
This superior efficiency results from an expertise in mechanical engineering and metallurgy that can only be offered by a specialist with over 125 years of experience in rolling mill construction: Bühler & Co GmbH.

- with a team of over 100 experienced employees in Pforzheim,
- with a worldwide sales and service network and
- with experience in over 1,000 made-to-measure Bühler systems that guarantee efficiency throughout the world.

And efficiency is good news.

That's the reason for the Bühler slogan: Efficiency is cool.





BÜHLERWÜRZ

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