

Flat and profile wire mills

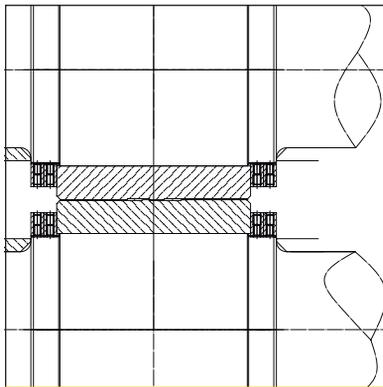
Use quality to beat your competitors with

- **Maximum precision**
- **Absolute accuracy in all dimensions**
- **Perfect finishes in all dimensional ranges and production volumes**
- **Maximum productivity**
- **Impressive system output**
- **Convincing flexibility and maximum availability**

Efficiency is cool.

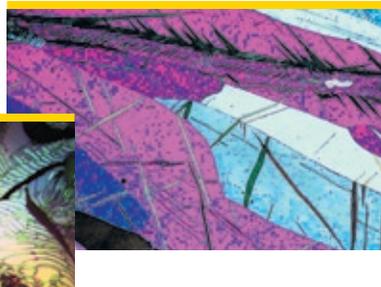
When the wire-processing industry demands absolute dimensional precision for thickness and width tolerances, straightness, compliance with surface requirements and perfect spoolability, flat wire and profile wire rolling mills from Bühler provide the perfect answer.

The specific combination of horizontal and vertical roll stands means that these flexible mills can be used to produce a wide range of profiled wires from round or profiled primary material. Naturally, all your quality requirements will also be met.



Bühler plans and builds modular flat and profile wire mills with different roller diameters and a variable number of horizontal and vertical roll stands.

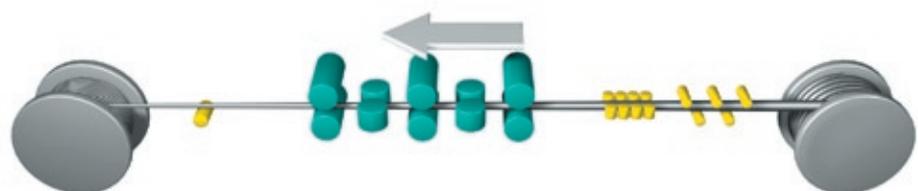
The complete Bühler system also includes spoolers, dancer accumulators and a spooler with wire laying. The widening of the product can be influenced through the targeted control of tension in the wire. Vertical roll stands are used when greater width precision is necessary. Up-to-date control technology ensures continuous production in consistently high quality.



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Schematic diagram showing the flat and profile wire mills

The required profiles are cut into the rollers of the relevant stand in a well-designed stitch sequence. High-precision measurement systems check and correct dimensional variations in the production flow.



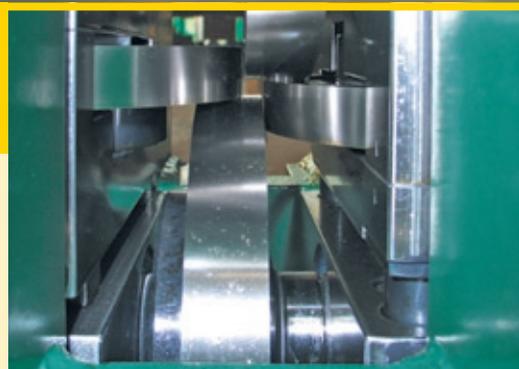
Efficiency is cool.



Spooler with control console for parameter selection, servo dancer, protective device



Control console with displays for thickness/width, visualization on IPC basis, PLC statistic module and database for formula and tool management



Roll stand in Turk's Head configuration, universal stand for square and rectangular cross-sections with small edge radiuses. Can also be used for complicated profile geometries

BÜHLERWÜRZ

COLD ROLLING MILLS FOR WIRE, STRIP, PROFILES



Edge rollers, non-driven or driven version

Duo roller set with hard metal roller, bearing lubrication by means of oil circulation lubrication. Quick-change device with integrated change console

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.



The logo for Bühler-Würz, featuring the company name in a stylized, bold, sans-serif font. The 'ü' has a dot above it, and the 'w' has a dot above it. The letters are white on a black background.

BÜHLERWÜRZ

COLD ROLLING MILLS FOR WIRE, STRIP, PROFILES

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