

BÜHLER REDEX STRIP ROLLING MILLS

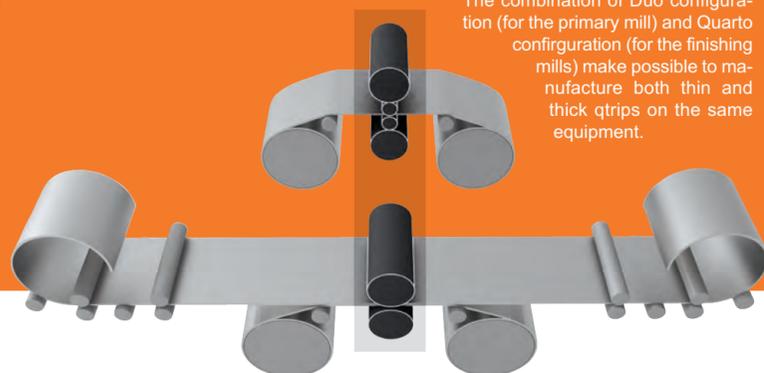
BÜHLER REDEX Strip mills are offering the most advanced design on the market which allows the processing of the widest variety of metal strips and plates within an incredible large range of dimensions while keeping the highest accuracy.

The most modern technology together with deep engineering know-how make possible to get tailor made process with very flexible capacity.

Thickness and other production parameters are monitored and kept in real time at the optimum values through the latest computerized control systems.

Schematic diagram

The combination of Duo configuration (for the primary mill) and Quarto configuration (for the finishing mills) make possible to manufacture both thin and thick strips on the same equipment.



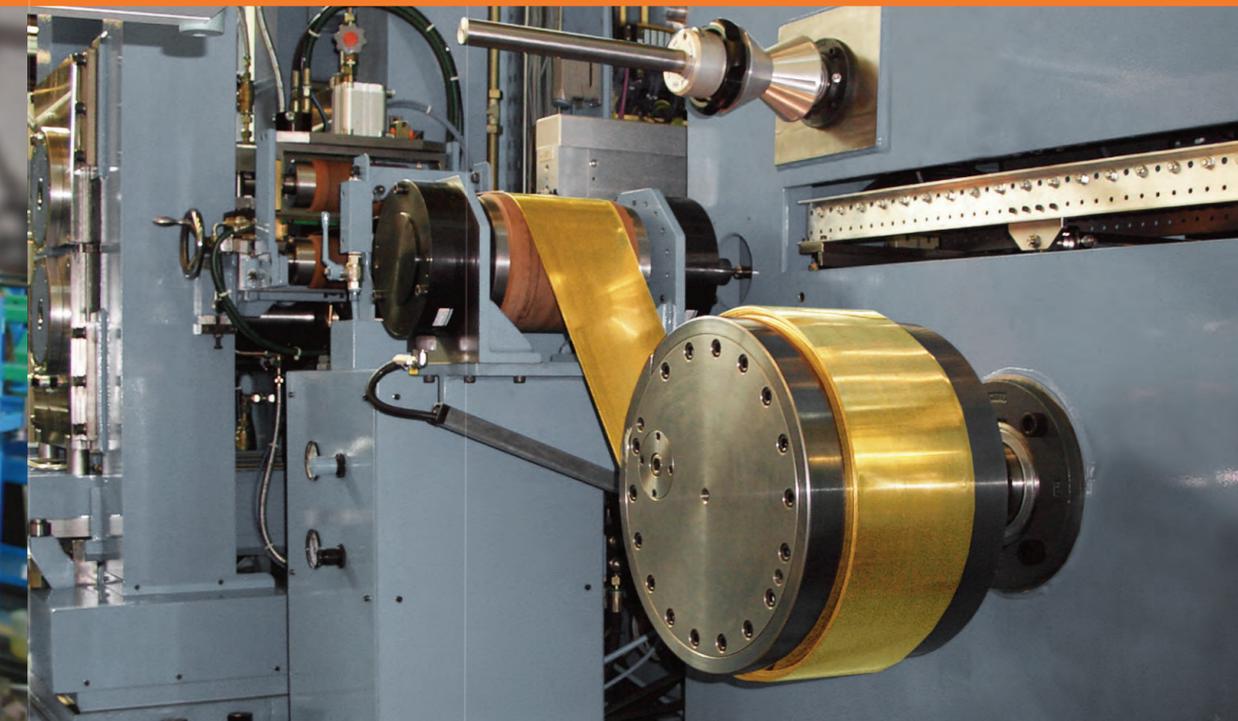
Features

- ▶ Reversing rolling technology
- ▶ Duo and Quarto mills configuration available on the same equipment
- ▶ Automatic Gage Control (AGC) with feedback, feed forward, and mass flow control.
- ▶ Final strips in thickness as low as 0.01mm
- ▶ Material width up to 350 mm
- ▶ Rollers diameter up to 500 mm

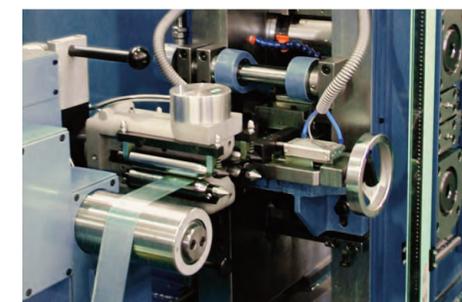
Change of the supporting rollers in a Quarto stand



Winding unit featuring strip tension measurement and closed loop control.



Typical BÜHLER REDEX Strip Rolling Mill configuration (i.e. equipped as a high precision equipment for noble metals processing).



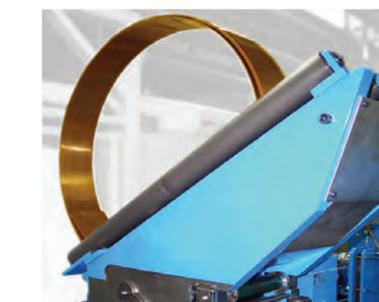
Thickness measurement in conjunction with mass flow and tension regulations. This system uses a deflector roller with integrated tension measurement to guarantee the maximum precision.



Scrapper unit in a cladding rolling mill



AgNi strip as fed in for roll cladding





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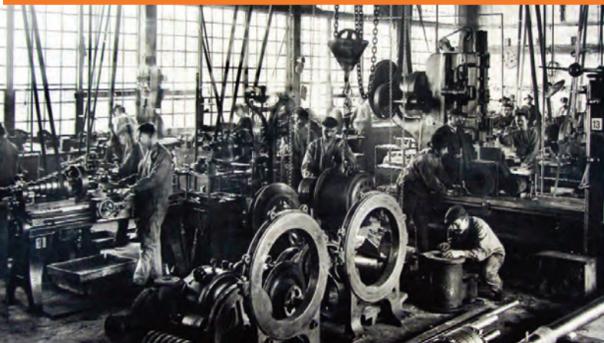
At the core of successful industrial process

Proved performance and economic efficiency are more than ever at the core of successful industrial process.

At BÜHLER REDEX, our aim is to develop and to offer equipment which makes true that «anything that strengthens your competitive position also strengthens our position with you».

A full win-win partnership !

That's the core of our team's goal. That's why the wire and strips produced on BÜHLER REDEX rolling mills always allow their producers to be a giant step forward to their competition.



125 years of experience does matter !

When wire processors make their choice for strategic manufacturing equipment, experience means confidence.

Relying on its huge field experience, BÜHLER REDEX is able to offer Cold Rolling Mills for rolling, drawing, annealing, and winding almost any existing alloys, including usual and unusual ferrous, non-ferrous, and all precious metal alloys.

Over the decades, the company's engineering continuously developed its know-how for reducing, compressing, profiling flat and round materials, or to produce the thinnest strips with tolerances measured in microns.

At BÜHLER REDEX, your special is our standard !

Over 1000 equipments delivered worldwide, while fulfilling each of the particular requests from any of its customers and partners with the exact level of customization required by their applications.

A special taste for innovation also leads to continuous improvement of the technical solutions provided along the customization.

Up-to-date is not enough, at BÜHLER REDEX, the aim is to deliver today the solutions from tomorrow, with the top quality which ever made the company's reputation.

Great achievements start this us



STRIP Rolling Mills

BÜHLER REDEX manufactures complete cold rolling mills based on the world's most comprehensive equipment portfolio.

According to your specific process requests, BÜHLER REDEX is the best partner to offer custom designed system configuration, including all the needed ancillaries equipment, fitted at the best to your global organisation.

BÜHLER REDEX makes you benefit from the enhanced combination of its broad level of experience in high technology, in its deep know-how of processes, and in a unbeatably specialties wide portfolio.

- Wire reduction rolling mills
- Strip rolling mills
- Flat and profile wire rolling mills
- Flux Core Welding-Lines
- Inline annealing ovens
- Complete production lines
- PV-Ribbon machines

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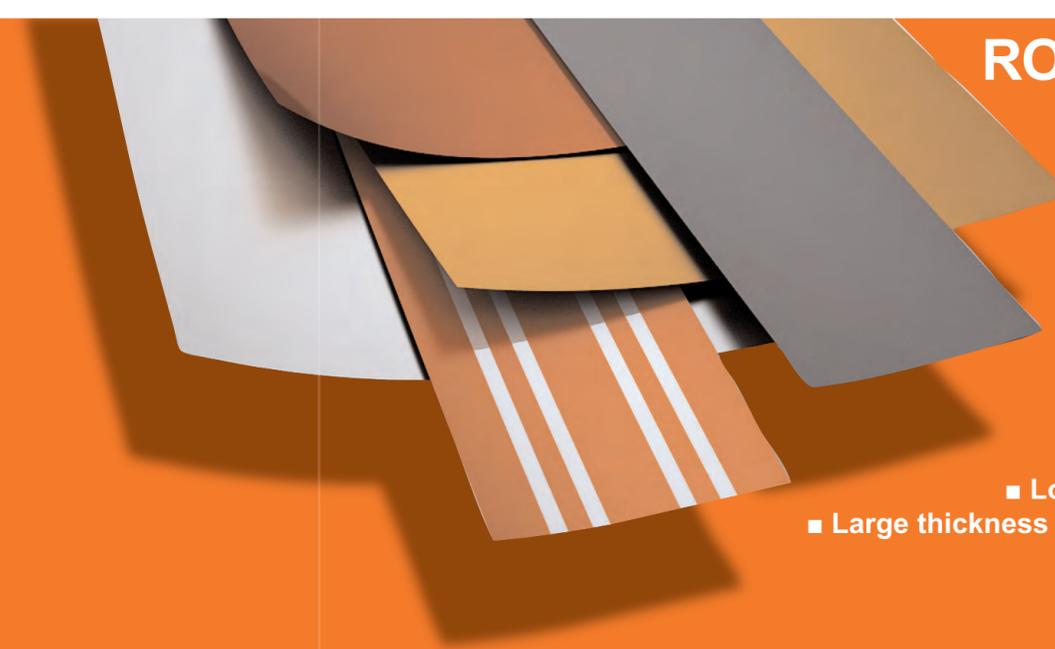
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Metal Precision Machines



STRIP ROLLING MILLS



- Long lasting high precision
- Large thickness range from 0.01 to 50 mm
- Maximum productivity
- Impressive flexibility
- Maximum reliability

leads to faster Return On Investment !

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