



FIMI a comprehensive range.



In FIMI's production range, special machines are as important as the finishing and processing lines. Studied in detail with technologically advanced solutions, they can be inserted in already existing plants in order to optimize and improve their performance.

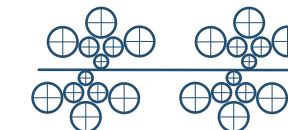
patented quality.



Right with the purpose of being ready to face up new challenges, FIMI Group has decided to form a team of expert engineers specialized in the different technological sectors devoted to Research & Development of new solutions by creating inside the company its own Research & Development Department.

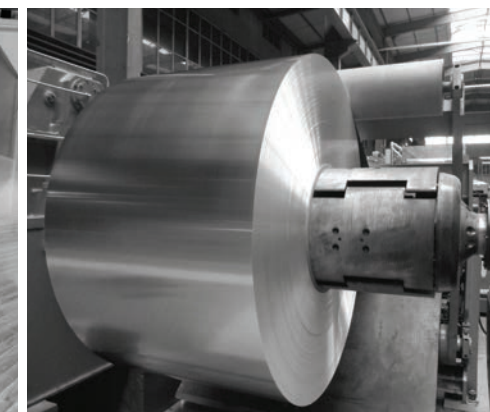
Tension Leveller

FIMI Tension Levelling Lines are based on an efficient and extremely reliable technology to ensure perfect flatness, low maintenance and easy operation.



Slab and Plate Milling

High machining precision of slabs or plate, easy automatic control line operation, low consumption of tolls, efficient chips suction.





Tension Leveller

The deep knowledge of the material and of the productive process is reflected in the performance of FIMI's Tension Levellers:

- **TLL - Traditional leveller with anti-cambering and Yielding rolls.**
- **MULTILEVELLER (patented) with levelling rolls configured with growing diameter to relieve residual internal stress.**
- **TLL - Standard leveller that combines traditional levelling with the evolution of the MULTILEVELLER to reduce maintenance costs and downtime.**
- **PTL, the high tension levelling system with (patented) PROFLEXROLL® with variable section roll.**
- **Combined-TLL, exploiting the synergy of several systems in a single product, for a material that responds to the needs of several industrial sectors.**



Slab and Plate Milling Machines

Designed and realized for companies active in the field of metalworking, FIMI's Milling Machines are characterized by a high mechanical efficiency combined with a perfect control of the installed power.

- **High-precision machining.**
- **Perfect centering and mapping of the slab at entry.**
- **Easy automatic use of the line.**
- **Low wear of tools.**
- **Reduced consumption of the oil for cut.**
- **High efficient chip suction (99.9%).**

Upper mill holder head, for the machining of the upper horizontal surface of the slab. Automatic system for detection of dimensions and profile of the slab at entry. Slab turn-over system with position control. Inserts of milling tools designed to be used twice as roughing tools and twice as finishing tools, with consequent reduction of costs for spare parts and storage expenses.

Vacuum system for Venturi effect ensures not only the dust collection with an efficiency of 99,9%, but also higher production volume, thanks to the reduced downtime for maintenance. Automatic, semi-automatic and sequential working mode.



Oilers

Oilers that are perfectly adaptable to existing systems to increase their production range. Dosing is precise and constant, whereas the product is distributed evenly, even at low grammages.

The immediacy of the adjusting system and the rapid roll change achieved thanks to the careful study of the process and maintenance details, make FIMI Oilers easy to use. Appropriate heat insulation ensures safety and energy saving.



Trimming Shears

Standard and High-Precision Trimming Shears with automatic positioning of the cutting heads and high-speed operation on thicknesses $0,10 \div 5$ mm. The accuracy of the radial and axial rotation of the heads ensures very high cutting accuracy and virtually no burrs.

FIMI Trimming Shears are designed to house a central cutting head that increases their versatility.



Coaters

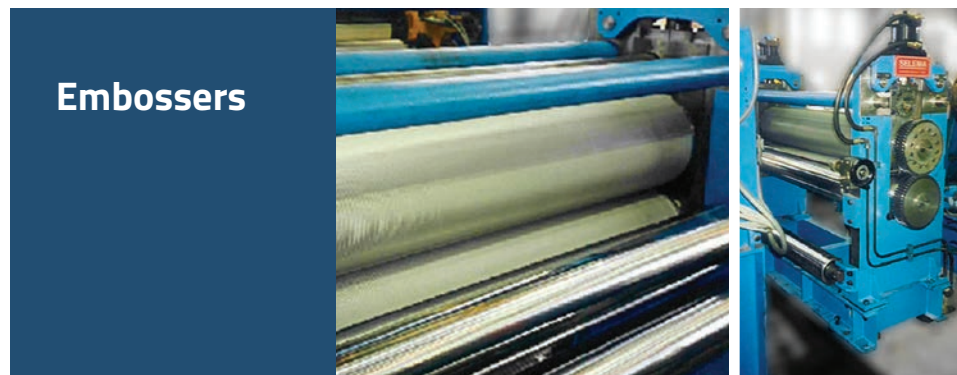
A wide range of finishes, coating on both sides of the strip, perfect surface quality and high productivity. Every effort at FIMI is oriented to achieve a high quality of plants design in terms of ease of use, error margin reduction, environmental protection as well as an improved cost effectiveness.

Precise and constant system for dosing the quantity of paint applied, bi-lacquering on thicknesses down to $50 \mu\text{m}$, quick change of the painting head, floating oven for supporting the strip and a heat recovery incinerator are some of the distinctive features of FIMI's Coating Lines.



Chemical Coater "No rinse"

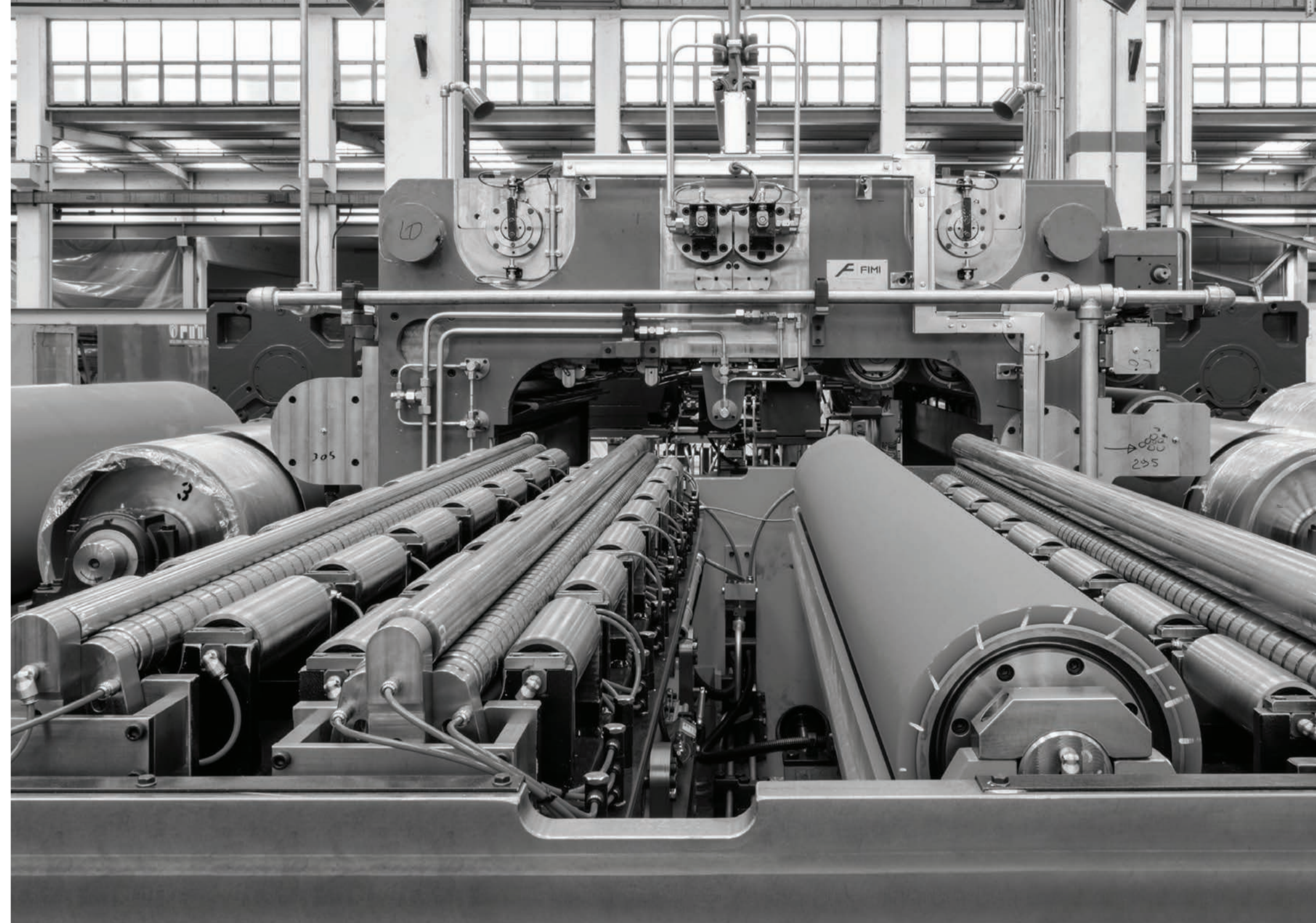
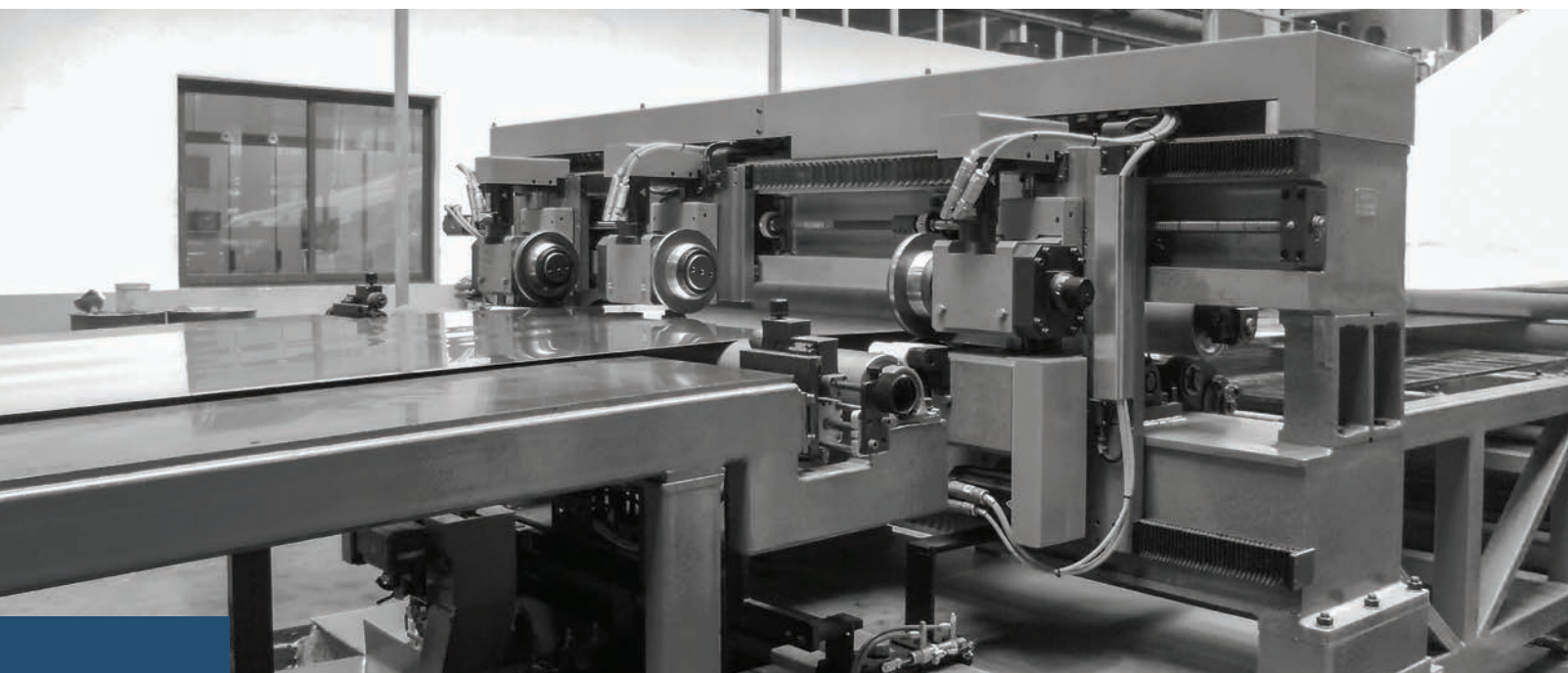
The Chemical Coater is designed to apply a precisely metered amount of conversion chemical to the top and / or the bottom side of the strip. The Chemical Coater is designed to precise product application, chrome-based or chrome-free, to the top and/or bottom side. A couple of rubberized rolls, with relative motorization, distributes the product on the strip in a uniform distribution with precise and constant dosing and also guarantees the perfect contact with the strip. After the chemical coater a dryer is designed to evaporate the water contained in the chemical product applied to the strip. A cooling unit reduces the strip temperature after the chemical dryer.



Modern FIMI Embossers for aluminium and stainless steel with customised cylinders are a further proof of FIMI's ability to fulfill customers needs. The version with interchangeable embossing heads meets the need to reduce the downtime required for roll changing.



"Meander joint" or "punched" stitching to suit every strip thickness and width. For on-line joining, FIMI has developed a range of high-pressure hydraulic Stitching Machines with automatic control of the path of the on-line joint that are precise and safe.





FIMIGroup sustains and promotes the environment



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