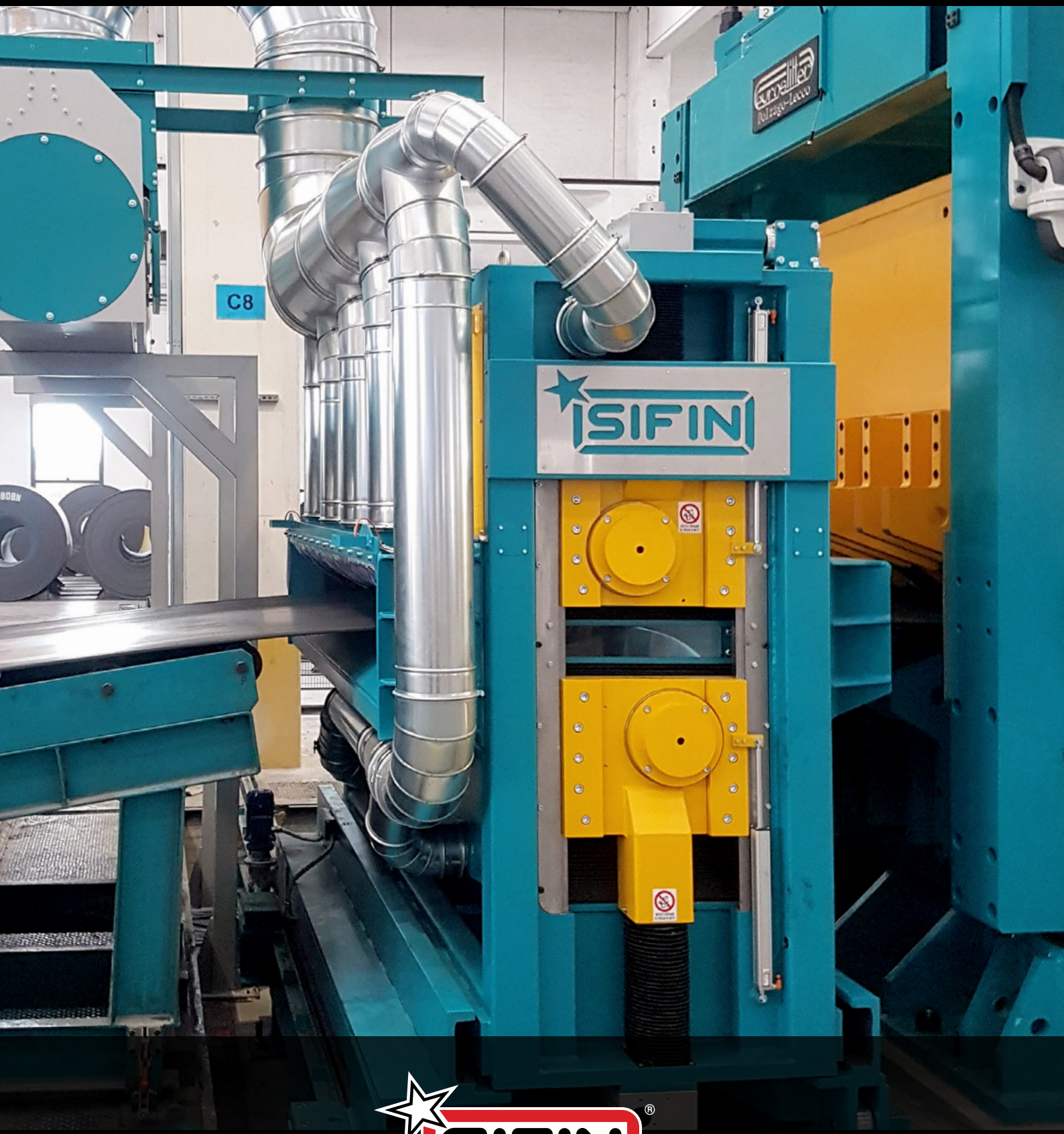
SIFIN® BRUSHING SYSTEM

FOR COILS CUTTING AND PROCESSING LINES



SIFIN®

WHO WE ARE

Since 1986, PIEMME is specialized in medium and heavy steel fabrication based on customer drawings, providing a single point of contact from project development through final pre-assembly.

In 2023, PIEMME acquired the SIFIN® brand, under which it markets its proprietary product range, including brushing machines for sheet metal and coil processing applications.

SIFIN® BRUSHING SYSTEMS
FOR COILS CUTTING AND PROCESSING LINES

Brushing is a critical stage in the hot-rolled coil processing cycle, as it removes scale, dust, and other contaminants from the material surface.



PIEMME offers custom-designed brushing machines, available with either electric or hydraulic drives and configurable according to the specific application requirements. These machines not only enhance the quality of the finished product but also reduce maintenance costs on leveling equipment by extending the service life of leveling cassettes and minimizing downtime related to cleaning and replacement operations.

The installation of one or more brushing machines on coil cutting and processing lines significantly improves workplace environmental conditions by effectively removing mill scale and dust generated during the process.



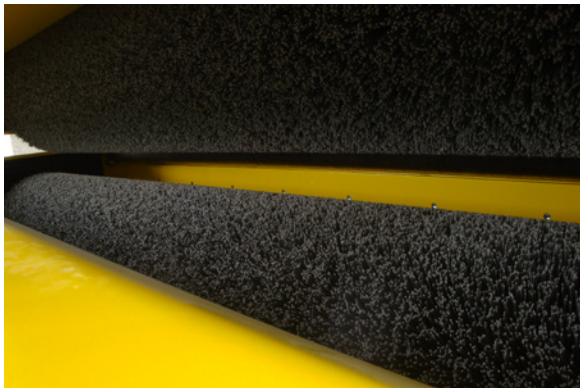
SIFIN® brushing machines are designed to process coils with thicknesses ranging **from 1 mm to 60 mm**. Machine width is customized according to the maximum capacity of the production line.

The machines can also be equipped with an electrically controlled lateral oscillation system. This feature is particularly useful when processing coils of different widths, ensuring uniform brush wear and maximizing brush service life.



To facilitate maintenance and operational flexibility, SIFIN® machines can be equipped with wheels and motorized movement systems, allowing them to be easily moved out of the production line when required.

The supply can be completed with an electrical control cabinet featuring a PLC and dedicated software for managing all machine sensors and devices. An operator panel provides intuitive control of machine settings, alarm management, and production statistics monitoring.









SUCTION SYSTEM

The position of the air intake points has been carefully engineered to optimize the extraction of the various types of residues generated during the brushing process. This design simplifies the operation of the suction and filtration system, which may be supplied directly by the customer or integrated with an existing compatible installation. For customers seeking a complete solution, PIEMME also offers turnkey systems through selected partners, eliminating any concerns regarding design and integration.









PIEMME

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