

SIFIN BRUSHING MACHINE

FOR COILS CUTTING AND PROCESSING LINES



PIEMME

Since 1986 we are specialized in the medium-heavy mechanical steel works, based on drawing. A single point of contact from project development to final pre-assembly.

During 2023 Piemme became owner of the Sifin brand with which its own design products are marketed, including brushing machines for sheet metal and coils.

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The brushing is a key step in the hot rolled coil conversion process, in order to remove foreign matters from the material surface.

SIFIN thus proposes its own “Brushing Machine” solutions, custom made, **electric** or **hydraulic** powered, equipped according to different type of work to be performed, which guarantee, in addition to the general improvement of the finished product, the reduction of the maintenance costs of the levelers, thanks to the increase of the duration of flattening cassettes and therefore the reduction of the relative “downtime” for the cleaning and replacement.

Above all, the installation of one or more brushing machines on a coils cutting and/or processing line, also guarantees a clear improvement of environmental-working conditions, due to the complete removal of the mill scale and dust that results.

SIFIN's brushing machines are suitable to process coils with thicknesses between 1 and 25 mm.

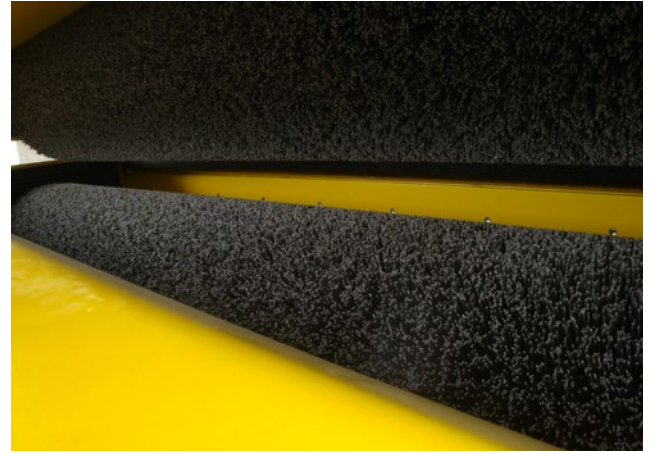
Regarding the width, instead, the machines are dimensioned accordingly to the line main capacity.

The machines can be equipped with the electrical system of lateral “swinging”. This system is useful in case of processing of coils of different widths allowing a correct and uniform wear of the brushes.



SIFIN's machines can also be equipped with wheels and motors to easily exit them out of the line, for maintenance and/or different needs.

To complete the supply, an electrical cabinet with PLC and relative software, for the control of all the sensors and devices necessary for the operation of the machine, plus an operator panel for the control and management of the machine setting values, alarms and production statistics.

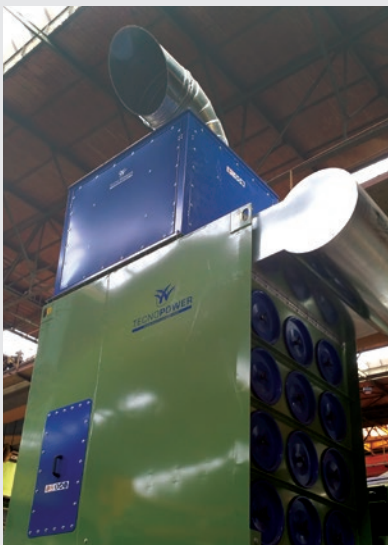


SUCTION SYSTEM

The position of the air intakes inside the machines, has been specifically studied considering the various types of residuals to be aspirated. This simplifies the work done by the suction and filtration system that may be provided directly by the end customer or

even can take advantage of an existing system, if with compatible characteristics.

However, SIFIN also offers the turnkey solution, than through selected partners, relieves the customer from any concern.





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