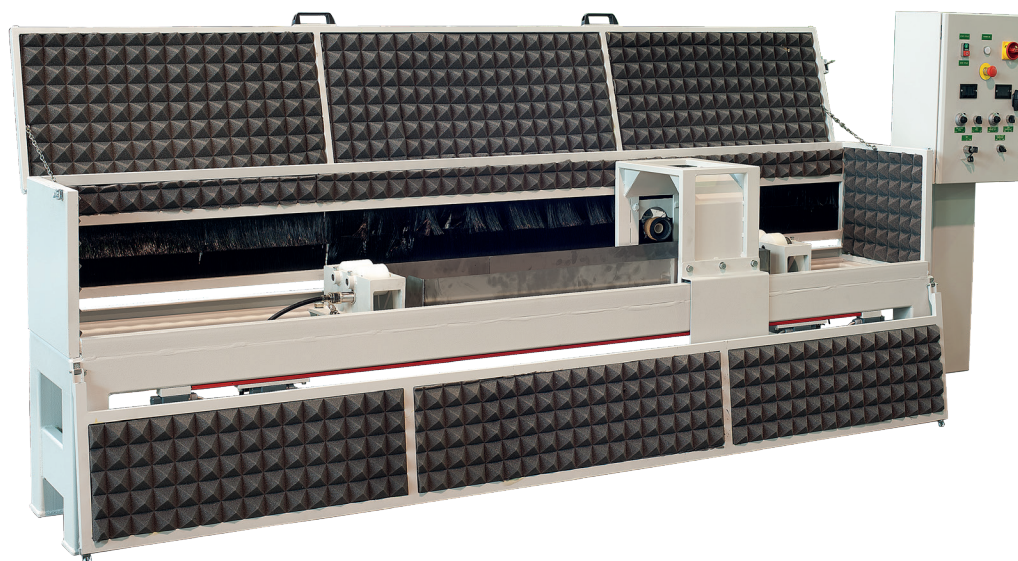


**SBM**

SANDBLASTING MACHINE



A machine tool which, in conjunction with a pneumatic sandblasting machine, achieves optimal surface roughness of smooth milling rolls, used in the roller mills of milling plants.

This automatic system guarantees a uniform sandblasting that cannot be achieved by manual operation and also ensures that the geometry of the roll, which is ground and rounded on the GFI fluting machine, is not altered.

The surfaces of the roll shafts are protected by steel pipes to prevent them from being damaged.

The roll is set to rotate by means of a gearmotor, the speed of which can be adjusted with a frequency converter.

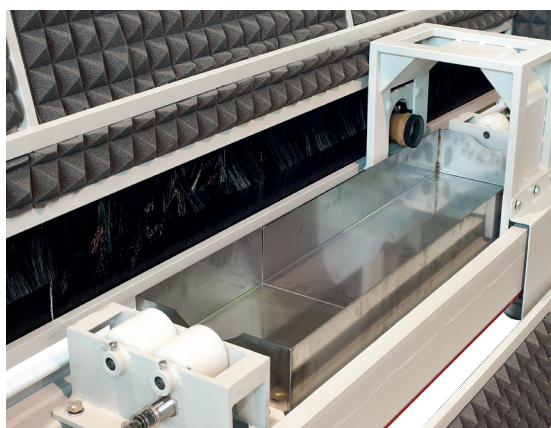
The travel speed of the carriage with the sandblasting gun is also adjustable with a frequency converter.

The treatment operation is fully automatic. When the system is started, the roll starts to rotate, the gun carriage starts to move and the solenoid valve that feeds the sandblasting machine opens. At the end of sandblasting, a limit switch stops the roll, the carriage and closes the solenoid valve that feeds the sandblasting machine. The abrasive is projected against the surface of the roll with the thrust of compressed air, through an extremely hard and abrasion-resistant metal carbide nozzle.

The abrasive, which has been used, is not dispersed but is sucked directly from the roll area and is recovered by a cyclone that separates the heavy part. This separation ensures uniform roll surface roughness along the entire length.

The exhaust air passes through a cartridge filter and a silencer.

The machine requires no special maintenance and is easy to use.





# OCRIM



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