

ROBA Profile

Molding sanding machine



The feed system consists of gummed transport roller. The side fenders and top pressure systems are easy to adjust.

Operation areas

The sanding machine ROBA Profile is constructed for wood and intermediate lacquer sanding of moldings with the help of brush tools and compound sanding wheels.

Also appropriate for light texturing work.

Due to the solid construction and simple set-up this machine guarantees an optimal serviceability of all its components.

According to customers' demands it can be produced as a one to four sided construction.

Sanding method

The main idea of the ROBA Profile sanding principle is the clockwise followed immediately by counterclockwise sanding: Only in this way it is ensured that, independently of the wood grain structure, all upstanding „hairs“ are denibbed.

The ROBA Profile machine in all its configurations is built for sanding moldings found in various furniture, window and joinery companies. Solid, veneered or lacquered.

In the main configuration the ROBA Profile machine contains a right and top side sanding aggregate combined with a pressure roller system. Set-up this way it is a solid basic layout for those customers who wish an optimized price-performance ratio.

Due to the modular construction of the ROBA Profile series, the machine can be configured to every customer's demand. E.g. a four double brush machine is able to sand profiled moldings from all four sides.

Equipped with the MB Flex brush systems the machine is very easy and fast maintained to be set-up for a new profile. Divergently to the known systems based on sanding belts the ROBA Profile brush system forgives a not strictly exact setting of the aggregates. Centralized set-up for the side guides and the top pressure roller system and programming via Touch Screen make sure that even not experienced personnel is able to maintain such a machine. In only a couple of minutes a ROBA Profile is ready to proceed.

Further on this machine type is used for intermediate lacquer sanding. For that application often feed speeds up to 150 m/min (492 ft/min) are nec-

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Your move to perfection



ROBA PROFILE IN ACTION
Simply scan and watch the video!

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Advantages of the ROBA Profile principle summarized

essary. The standard working width is 300 mm.

1. Clockwise followed by counterclockwise sanding ensures best results.
2. Pressure roller system will hold work pieces from 430mm safely. Back-to-back feeding of shorter parts is also possible.
3. Centralized set-up for the side guides and top pressure system.
4. Very easy maintenance and set-up.
5. Extra-large tools improve the sanding result.
6. Infinite variable setting of the head rotations and feed speed.
7. Oscillation of the sanding aggregates for better utilization of the abrasives.
8. High feed speeds are technical possible.
9. Modular construction meets every customer demand without complicating the machine.
10. Abrasive configuration is freely selectable from the MB Flex system.



Double brush working clock- and counterclockwise



All sanding units oscillate taking into account part dimensions.

This ensures that the abrasives are always fully utilized.



ROBA Profile configuration with double brush sanding heads guarantees best results.