

ME 25

Automatic edge bander



me 25

THE INNOVATIVE AUTOMATIC EDGE
BANDING MACHINE FOR CRAFT
JOINER'S SHOPS





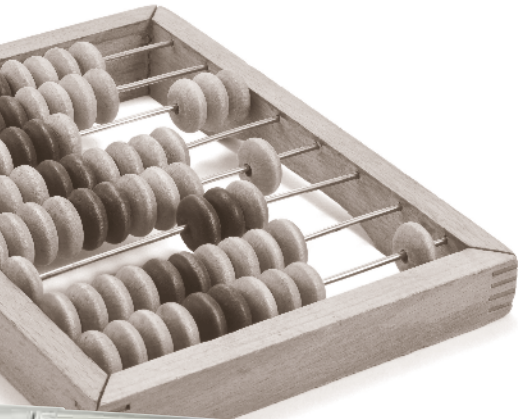
Stable, steady, with constantly maintained adjustments, thanks to the stainless steel single-block base



Easy-to-use in all working conditions with the control panel on the machine front side

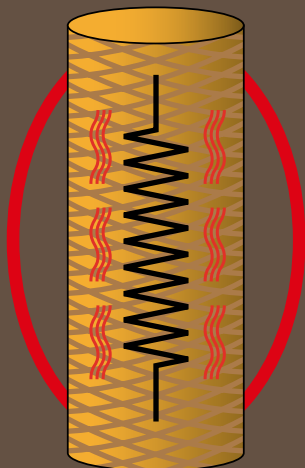
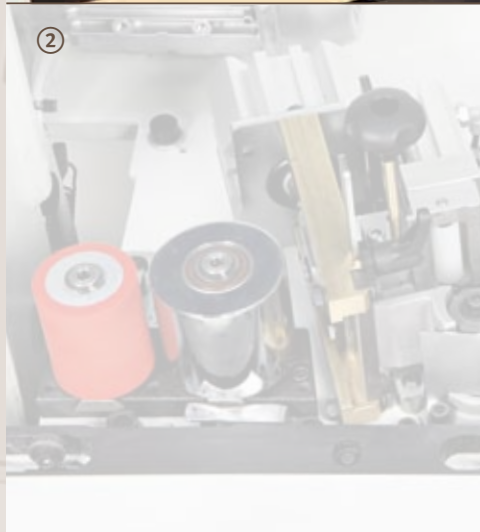


High-precision panel feed on a high-adherence belt with a top presser fitted with rubber wheels



me 25

MULTIFUNCTION AS EXCELLENCE



① ② ▾

Practical edge loading and gluing unit. Edges in rolls are loaded automatically and cut precisely to size with a cutter. The glue is heated rapidly and evenly by the resistances located in both the glue pot and inside the glue spreader roller. With the PLC control it

is possible to maintain the temperature set constant even when the machine is in stand-by mode. Two rollers press the edge evenly and efficiently onto the panel.



Glue is uniformly spread and always at the maximum working temperature even on the panels of the maximum working height, thanks to the spreading roller with electrical resistance inside.



Top quality edge banding with automatic positioning of all operating units synchronised with presser lifting and based on the panel thickness



Easy and immediate edge thickness adjustment using a numeric readout on the infeed guide



Absolute precision provided by the end cutting unit, powered by an independent motor, that cuts off precisely at 90°, with a blade, any edge excess. Using the numeric readout the blade projection can be adjusted according to the thickness of the edge to be applied.

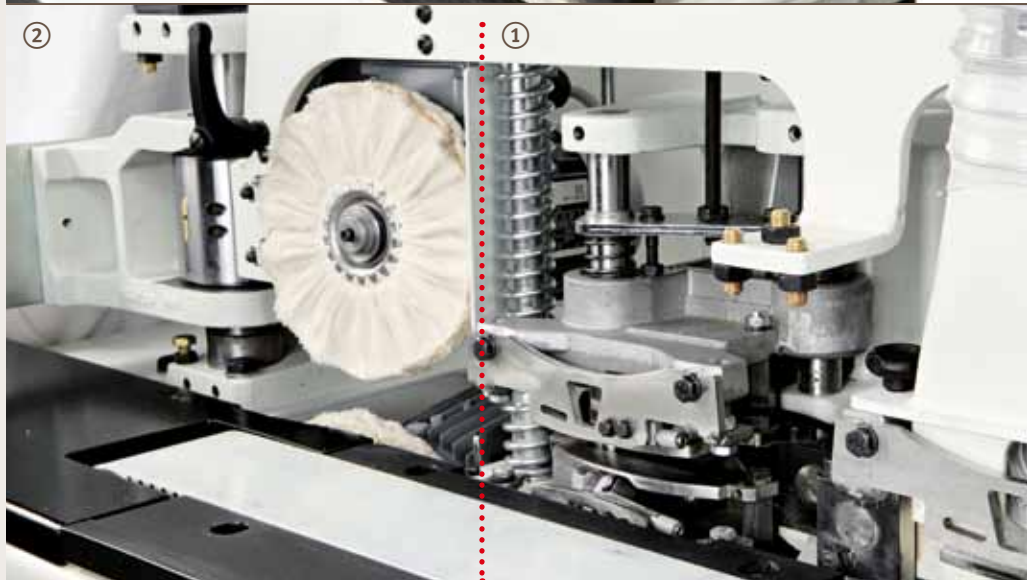


Top-class finishing with the trimming unit, including 72 mm diameter cutters and pad copiers for perfect alignment with the panel. These cutters are designed for straight or radial trimming of any kind of edge, whether it is thick or thin, made of PVC, ABS, melamine or wood.



① **Superb finishing quality thanks to the edge scraping unit (optional)** with a very strong structure guaranteed in any working condition. Precision positioning is assured by pad copiers. With a practical device for unit exclusion when it is not in use.

② **Excellent edge cleaning-polishing with the (optional) brushing unit** with two independent motors, tilted and vertically adjustable.

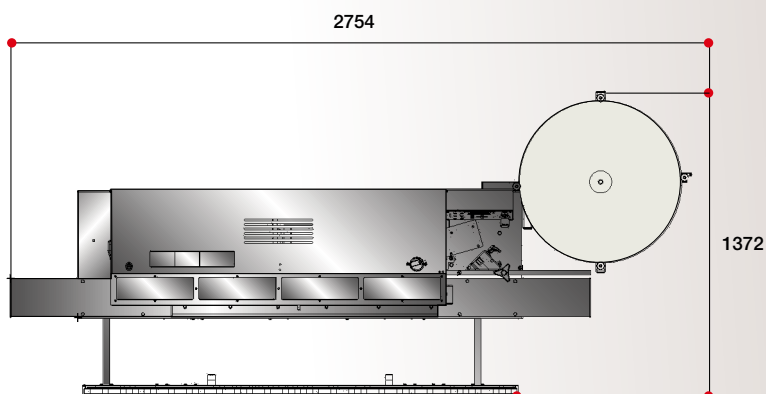


TECHNICAL FEATURES AND OVERALL DIMENSIONS



| | | me 25 |
|---|-------|-------------|
| Working table dimensions | mm | 2600 x 530 |
| Working table height | mm | 904 |
| Min. ÷ max. panel thickness | mm | 12 ÷ 50 |
| Min. ÷ max. panel thickness using the scraping unit | mm | 16 ÷ 50 |
| Thickness of rolled edges | mm | 0,4 ÷ 3 |
| Max. thickness of edges in strips | mm | 5 |
| Minimum panel length/width | mm | 190 / 65 |
| Feed speed | m/min | 7 |
| Pneumatic operating pressure | bar | 6,5 |
| Edge roll plate diameter | mm | 730 |
| Exhaust outlet diameter | mm | 120 |
| Glue pot unit | | |
| Motor power | kW | 1,2 |
| Operating temperature | °C | 20 ÷ 190 |
| Glue capacity | kg | ~ 0,5 |
| End cutting unit | | |
| Motor power | kW | 0,37 |
| End cutting blade | | Ø 90 mm Z20 |
| Blade rotation speed | rpm | 12.000 |
| Trimming unit | | |
| Motor power | kW | 0,75 |
| Cutters rotation speed | rpm | 12.000 |
| Widia cutters | | Ø 72 mm Z4 |
| Brushing unit (option) | | |
| Motors power (n.2) | kW | 0,14 |
| Rotation speed | rpm | 2800 |
| Main devices | | |
| Single-phase motors | | ● |
| Edge scraping unit | | ○ |
| Brushing unit | | ○ |
| Automatic loader for edges in strip with store | | ○ |
| Kit for trimming unit cutters R=3 mm | | ○ |

● = Standard ○ = Option



ME 25-ENG

In this catalogue, machines are shown in CE configuration and with options. We reserve the right to modify technical specifications without prior notice, provided that such modifications do not affect safety as per CE norms.

passion**technology**performance



SCM Group is an Italian company, **world leader in the production of woodworking machinery and systems.**

For almost 60 years it has been offering the widest range of machinery, from **standard machines for joinery companies up to integrated lines for industrial production of furniture and housing construction wood components.**

Through dedicated companies, the Group now also operates in the **plastic, stone, glass and advanced materials processing machinery industries.**

It has **10 production plants and 3.450 employees.** SCM Group exports 70% to 120 countries

through 23 foreign subsidiaries, 350 distributors and agents, guaranteeing efficient and prompt assistance with over 500 engineers providing training, service, maintenance and spare parts every day throughout the World.

Ongoing research and development is carried out by **70 engineers who design and create new products** to be manufactured, assembled and distributed for the entire Group.

To ensure **utmost quality of the entire manufacturing cycle**, a special production plant with **over 90 highly sophisticated cnc machining centres** has been created to control **all pre-assembly operations:** iron castings, metalwork carpentry,

painting, cnc machining, electro-spindles, electric, electro-mechanic and electronic components.

With an outlook for the future, **outstanding investments (30 million euros) are currently being made in technology and know-how** resulting in a superior efficiency and management of our companies. **SCM Group and its people are committed to provide ultimate performance.**

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