



Automatic edge banders

ME 15 - ME 20

TECNOMAX

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Automatic edge banders for the craft woodworker...

> ME 15

Automatic edge bander
for pre-glued edges



SINCERT



ME 15
version in CE configuration

... compact, versatile and precise.
Reliable and cost-effective, too.

> **ME 20**

Automatic edge bander
with glue pot



ME 20
version in CE configuration
(with the **kit for wood rolled edges up to 2 mm thickness** assembled)

“Simple technological solutions within everybody’s reach!”

Panel thickness adjustment by means of handwheel with numerical readout (mm\inches).

Together with the panel thickness adjustment, at the same time also the feeder and trimming units are automatically set at the selected height.

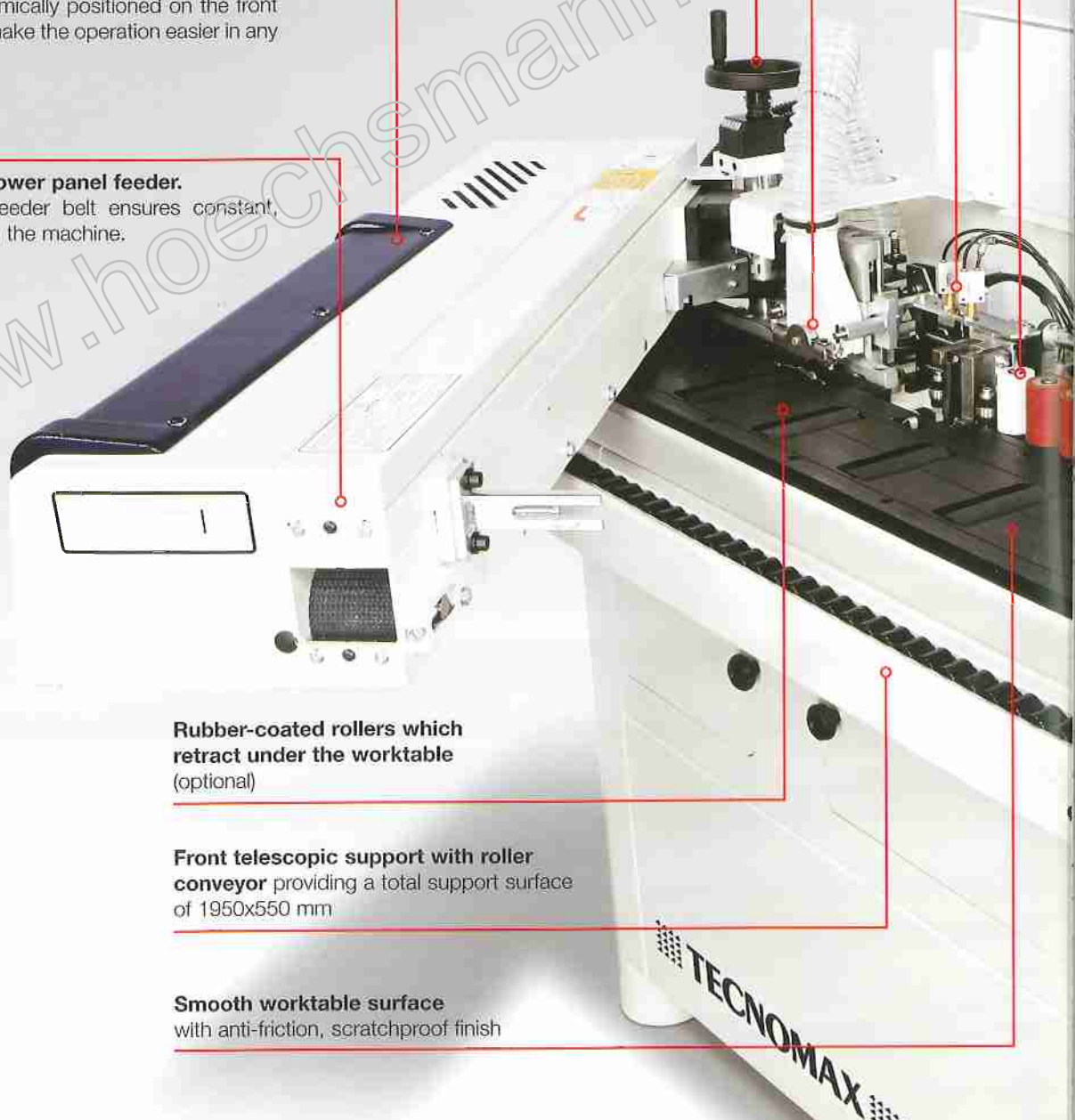


Control panel ME 20

The control panel is ergonomically positioned on the front of the machine, in order to make the operation easier in any working condition.

Top-mounted, 8.18 kW, power panel feeder.

A large, 995 x 72 mm, feeder belt ensures constant, powerful panel feed through the machine.



Pressure unit

End cutting unit

Trimming unit

Rubber-coated rollers which retract under the worktable (optional)

Front telescopic support with roller conveyor providing a total support surface of 1950x550 mm

Smooth worktable surface with anti-friction, scratchproof finish

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Blower unit (ME 15)
Gluing unit (ME 20)

Loading unit

Transparent guard cover
provides a complete overview of
the edge banding cycle

**Easy-to-adjust infeed guide with
numeric indicator** for setting edge
band width (optional)



Maximum result from a minimum effort!
The edges are perfectly glued to the panels
and finished, all this through few simple
operations, for a surprising result!



Standard edge roll plate 530 mm diameter.

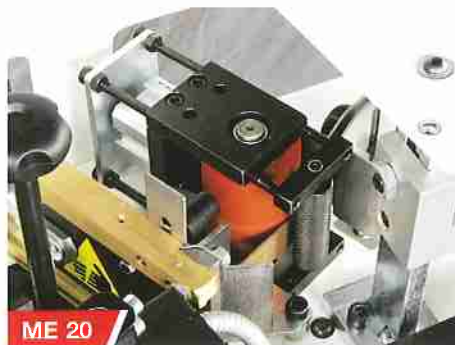
On request, a 730 mm plate is available either on its own or
included in the **edge thickening kit up to 2 mm** (both as
an option)

ME 15
version in CE configuration

Working units

Loading unit

The unit is equipped with an automatic loader for edge band rolls with pneumatic guillotine for cutting reels. The edge feed is powered and automatic (N.B. only ME 20).



Blower unit ME 15

The Leister blower has a maximum power of 3.400 Watt and electronic temperature control from control panel. The blower is mounted inside the base for top efficiency and safety.

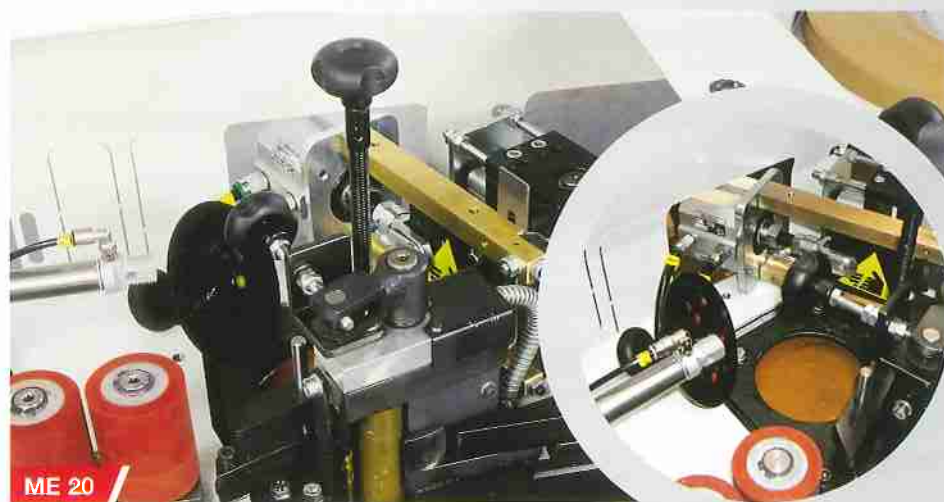


Gluing unit ME 20

When the machine is not in use, an electronic temperature controller keeps the machine at a constant 150°C. This prevents glue burning and ensures a rapid return to work when edge banding recommences.



The non-stick, aluminium glue tank with 5 resistances provides uniform glue melting and heating. The knurled glue roller has micrometric adjustment to enable accurate control of the amount of glue spread on the panel, and is equipped with self-adjustment of glue spreading roller projection, according to the panel and the edge thickness to be glued.



Pressure unit

The unit has three rollers pressing the edge band onto the panel: one fixed nylon roller (white) and two rubber-coated rollers, the second of which pivots.



Pneumatic end cutting unit

This has solid steel components to guarantee a clean, precision cut on the leading and trailing edges of the panel. Referencing is done directly from the panel and there is therefore no need for adjustment. The steel cutter block opposite the blade increases cutting efficiency and sharpens the cutting edge on each cycle.



Trimming unit

Trimmer unit adjustment is easy thanks to the precision numeric indicators. These give precise position readings to tenths of a millimeter. They ensure an easy, rapid return to previous settings. Furthermore, the unit has chromed plate copiers which are bearing mounted to ensure smooth feed.

Surplus edge banding is trimmed from the upper and lower surfaces by large-diameter (\varnothing 75 mm Z4-15°), wide-tipped cutters operating at cutting speeds of 12000 rpm plus. An excellent finish on PVC edge banding is guaranteed. The trimmer is powered by a high-power (0.37 kW), asynchronous, maintenance-free brushless motor.

The pad/roller combination assures a great advantage: the panel feed is "softened" thanks to the wide radius of the pad and of the roller rotation, so as to avoid any scratch due to friction on the panels, particularly on upgraded panels.



Kit for rolled edges up to 2 mm thickness

ME 15 - ME 20 | Kit for PVC, ABS edges

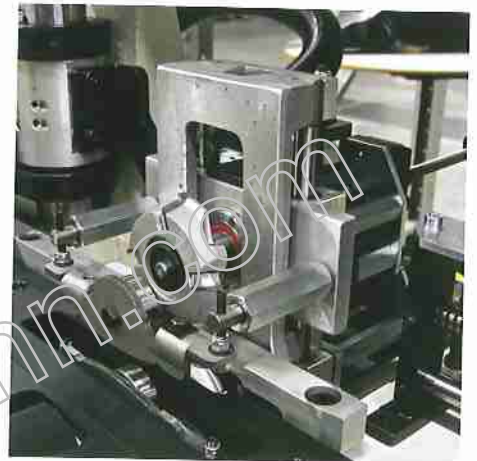
The kit allows the application of PVC and ABS edges with 2 mm maximum thickness.
It includes:



Adjustable infed fence with numeric readout (mm/inches)



Rollers on the table for panel support and direction



75 mm cutters with shaped profile (2mm radius)

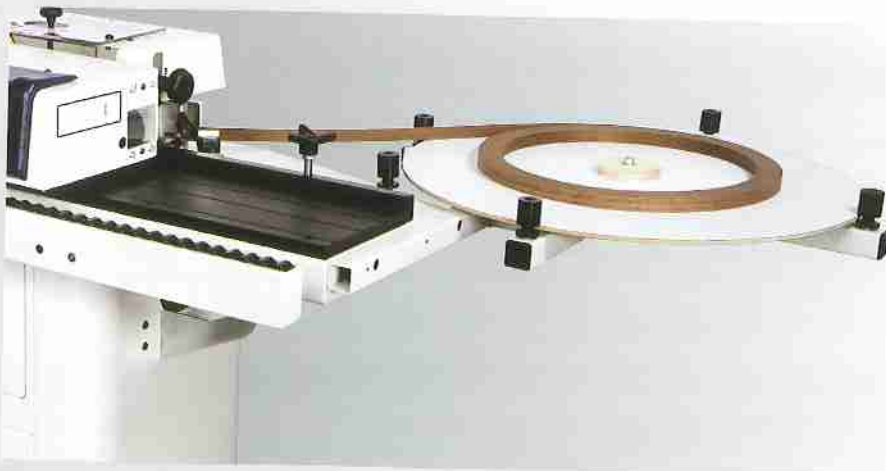
ME 20 | Kit for wood, PVC, ABS edges

This kit has been designed in order to avoid the wooden edge from breaking during the pressure and gluing phase.

In addition to the devices supplied in the Kit for PVC and ABS edges; i.e.:

- > Adjustable infed fence with numeric readout (mm/inches)
- > Rollers on the table for panel support and direction
- > 75 mm cutters with shaped profile (2mm radius)

The Kit also includes:



730 mm diameter coil holder plate with side limit rollers



First adjustable pressure roller

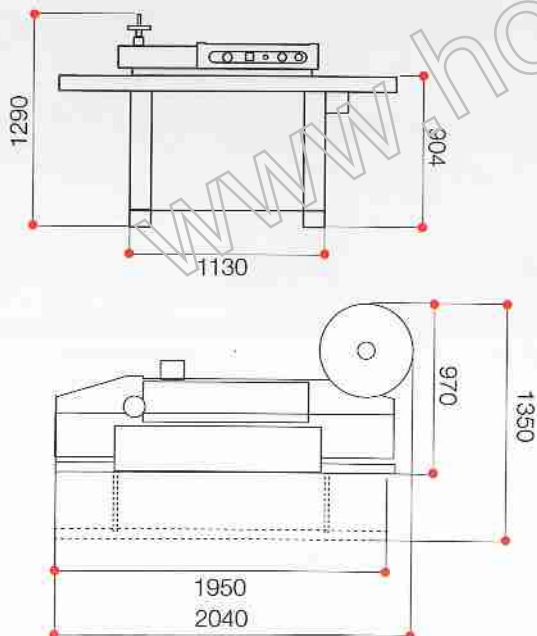
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Technical specifications

		ME 15	ME 20
Working table dimension	mm	1950x300	1950x300
Working table height	mm	904	904
Min/max edge thickness	mm	0,4/2	0,4/2
Min/max panel thickness	mm	10/45	10/45
Minimum panel length/width	mm	180/65	180/65
Power feeder speed	m/min	~ 5	~ 5
Trimmer speed	rpm	12'000	12'000
Standard carbide tip tools (trimmer), diam.		Ø 70 mm Z4 -15°	Ø 70 mm Z4 -15°
Extractor hood outlet diam.	mm	120	120
Edge roll plate standard diam.	mm	530	530
Leister blower power	watt	3400	-
Operating temperature	°C	20-450°C	~ 200°C
Glue tank motor power	kW	-	0,18
Feeder motor power	kW	0,18	0,18
Trimmer motor power	kW	0,37	0,37
Total weight	kg	250	270

ME 15 - ME 20

Overall dimensions



Praise from a Tecnomax customer: "ME15 is the edge bander I was looking for. It takes up little space and means that I can obtain an excellent finish in a single pass. I don't have to use the old flat iron any more to keep my customers happy. At last, edge banding is within the reach of craft woodworkers like me" Edgardo Casali.