

edge banders  
 me 25  
 me 22  
 me 20



		me 25	me 22	me 20
Thickness of rolled edges	mm	0,4 ÷ 3	0,4 ÷ 2	0,4 ÷ 2
Max. thickness of edges in strips	mm	5	2	2
Min. ÷ max. panel height	mm	12 ÷ 50	12 ÷ 50	12 ÷ 50
Min. panels length/width with rolled edges	mm	190 / 65	190 / 65	180 / 65
Feed speed	m/min	7	7	6

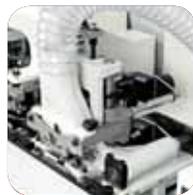
*Find the complete technical specification at page 101*



**Gluing Unit**  
efficient



**End-Cutting Unit**  
practical and precise



**Trimming Unit**  
excellent finishing



**Finishing Units**  
superior quality



**Control Panel**  
ease-of-use

Automatic edge bander with glue pot to edge band, with great flexibility, with melamine edges, PVC and ABS up to 3 mm and wooden strips up to 5 mm.

# edge banders operating groups



## perfect edge joint line

### Panel Edge Trimming Unit . me 35t

Panel edge surface without any imperfections before the gluing operation.

Utilizes 2 tools with opposing rotation and timed intervention that, through the removal operation, corrects any panel imperfections caused by the saw cutting process and panel storage. The independent exhaust system and the air blowing device removes dust and chips from the panel.

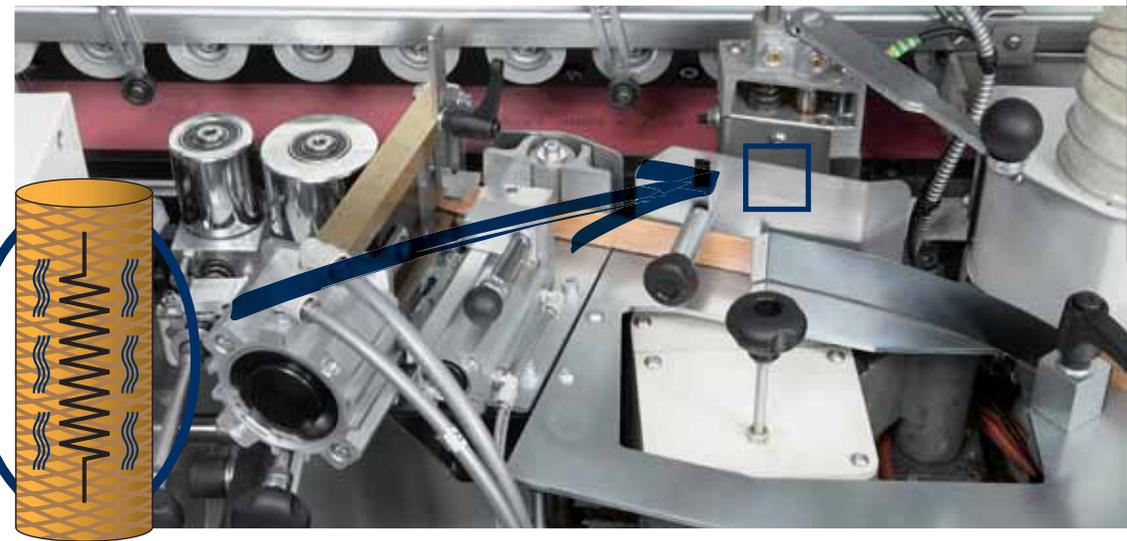
- Widia cutters available as standard feature; diamond cutters available as optional device.
- No. 4 different thickness removals: 0,5 / 1 / 1,5 / 2 mm.



## designed for a perfect finish

### Panel Conveying Track. me 35/me 25

The very best finishing of the panel edge is also guaranteed by the panel conveying track (exclusive solution), which prevents the panel having the feed affected by the typical pulses generated by the pinion of a traditional feed track and ensures a smooth and linear panel movement.



## deal edge application

### Gluing Unit.

The glue is heated rapidly and evenly by the resistances. The **automatic lowering of the glue temperature** after a temporary halt in production when using the machine avoids burning of the glue. A new **innovative system of self-lubrication of the glue pot**, allows a more extensive use of the edge banding machine without the necessity of lubrication. Two rollers press the edge banding evenly and efficiently on to the panel edge. The glue spreading roller with electrical resistance inside provides a uniform glue spread and always at the maximum working temperature even on panels at the maximum working height.

Glue pot rapid unlocking and PU glue pot are available as an option.



## simple and intuitive

### Control System.

**Error-free machining** is ensured by the control panel positioned on the front of the machine, that allows an easy selection of all the main functions, among them, the operating units switching on and off. The PLC guides the operator during maintenance, cleaning, diagnostic operations, etc.

always precise when cutting

#### End Cutting Unit.

**me 35:** the unit is equipped with a blade and a high frequency motor to provide the **best finishing quality** of the machined edge. Furthermore, the absence of belts or other driving systems prevents any vibration assuring **the best results at all times.** (A)

**me 25:** absolute precision offered by the unit, with a cutter and an independent asynchronous motor. (B)

**me 20/me 22:** the efficient cutter ensures cutting always accurate. The reference is taken directly on the panel itself; consequently it doesn't require any adjustment. (C)



quality finishing and versatility

#### Trimming Unit.

**me 35:** Very high edge quality finishing with the **vertical disc copying pads.** **The high frequency motors** generate high cutter rotating speed, reducing to a minimum any marks left from trimming and guaranteeing the absence of vibrations. (A)

**me 25 and me 22/me 20:** the unit functions with slide copying to align perfectly to the work piece. (B)

The cutters are designed for straight or radius trimming of any type of edge, whether it is thick or thin, made of PVC, ABS, melamine, laminate or wood. The edge thickness is easily set by means of two numerical readouts.



edge  
banders  
optional  
operating  
groups

ease-of-use

**Automatic Loading for Edges in Strips.** me 35/me 25

The solid wood strips are automatically loaded and synchronized with the introduction of the panels into the machine.



optimal finishing

**Brushing Unit.** me 35/me 25/me 22

With tilted, vertically adjustable motors to optimize the cleaning/polishing action on the panel edge.

perfect edge cleaning

**Glue Scraping unit.** me 35/me 25/me 22

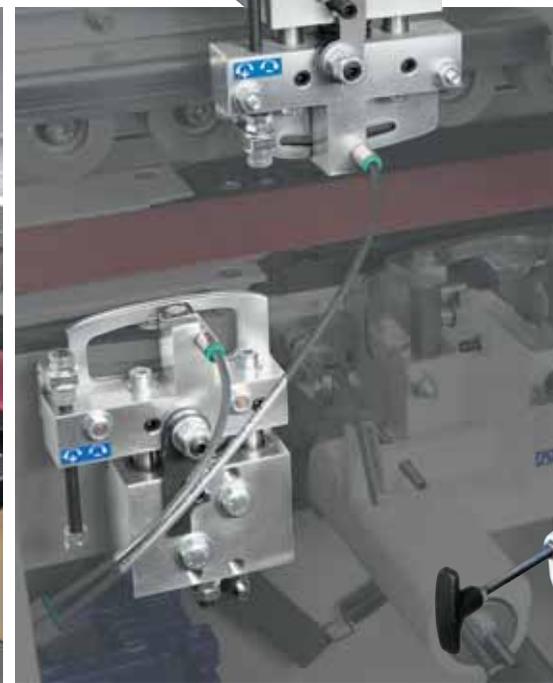
It eliminates any excess glue on the panel/edge joint.



perfect radius on  
pvc/abs edges

**Edge Scraping Unit.** me 35/me 25/me 22

High finishing quality of plastic material edges thanks to the radius knives that ensure the complete elimination of any marks left from the trimming unit tools, all equipped with a **front and vertical disc copiers (me 35)**, and a user-friendly device for exclusion of the unit when it is not in use.





brilliant idea

**End-Cutting Unit with "Radius".** me 35

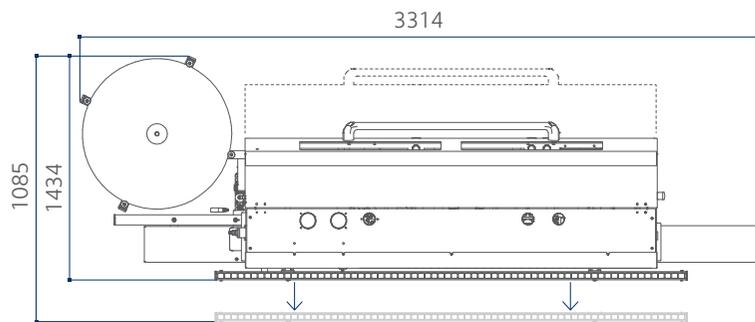
The optional unit allows you to make a radius on the corners of the edged panel without the need for the operator to have to finish by hand at a later stage: brilliant idea to a finished product of high quality.



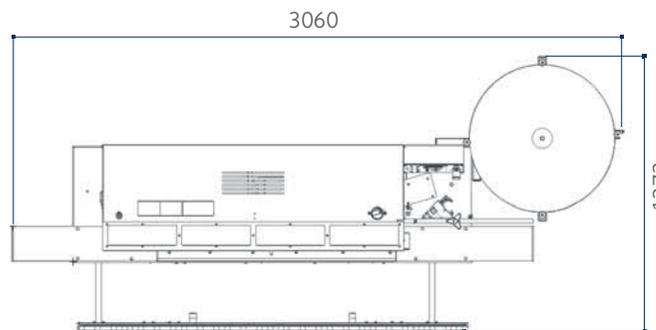
innovation at everybody's reach

**Grooving Unit.** me 35

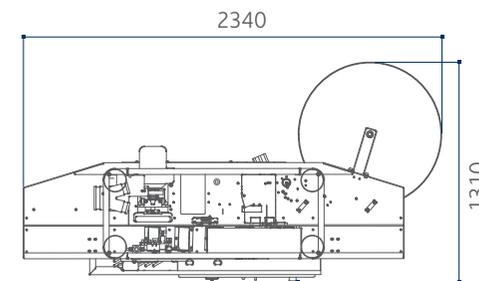
The optional unit is able to perform a slot on the panel directly on the edging process, **without having to sacrifice the finishing and cleaning units.**



me 35



me 25  
me 22



me 20

		me 35	me 25	me 22	me 20
Worktable dimensions	mm	3000 x 525	2600 x 530	2600 x 530	1950 x 180
Worktable height	mm	904	904	904	904
Roll-feed edge thickness	mm	0,4 ÷ 3	0,4 ÷ 3	0,4 ÷ 2	0,4 ÷ 2
Max. thickness of edges in strips	mm	5	5	2	2
Min. ÷ max. panel height	mm	8 ÷ 50	12 ÷ 50	12 ÷ 50	12 ÷ 50
Min. panels length/width with roll-feed edge	mm	190 / 110	190 / 65	190 / 65	180 / 65
Min. panel length cut only on the front	mm	120	120	120	120
Feed speed	m/min	7	7	7	6
Feeder motor power (S1)	kW	0,55	0,55	0,55	0,25
Pneumatic operating pressure	bar	6,5	6,5	6,5	6,5
Working temperature	°C	20 ÷ 190	20 ÷ 190	20 ÷ 190	20 ÷ 190
<b>pre-milling unit (me 35 T)</b>					
Motor power (S1)	kW	2,2	-	-	-
Cutters rotating speed	rpm	7.000	-	-	-
N. 2 diamond cutters (opt)		N.2 Ø 80 mm H=56 Z2	-	-	-
Stock removals	mm	0,5 / 1 / 1,5 / 2	-	-	-
<b>glue pot unit</b>					
Motor power (S1)	kW	0,18	0,18	0,18	0,18
Glue capacity	kg	~ 0,8	~ 0,8	~ 0,8	~ 0,8
<b>end-cutting unit</b>					
Motor power (*high frequency motor)	kW	0,19*	0,37	-	-
End-cutting blade		Ø 125 mm Z20	Ø 90 mm Z20	coltello	coltello
Blade rotating speed	rpm	12.000	12.000	-	-
<b>trimming unit</b>					
Upper/lower motor power (*high frequency motor)	kW	2 x 0,35*	0,75	0,55	0,55
Widia cutters		Ø 55,3 mm Z3	Ø 75 mm Z4	Ø 75 mm Z4	Ø 75 mm Z4
Cutters rotating speed	rpm	12.000	12.000	12.000	12.000
<b>additional technical features</b>					
Exhaust outlet pre-milling unit (me 35 T), number/diameter	n./mm	2 / 80	-	-	-
Exhaust outlet glue pot unit diameter	mm	60	60	60	60
Exhaust outlet trimming unit number/diameter	n./mm	2 / 60	-	-	-
Exhaust outlet on base structure diameter	mm	-	120	120	120