

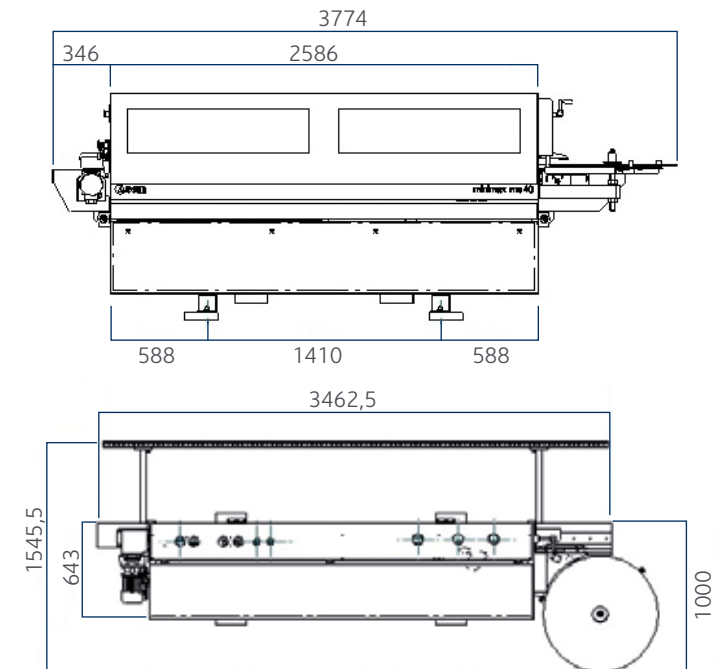
# minimax

## edge bander me 40

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.



Worktable dimensions	mm	3465 x 710
Worktable height	mm	875
Thickness of rolled edges	mm	0,4 ÷ 3
Thickness of edges in strips	mm	5
Min. ÷ max. panel height	mm	8 ÷ 50
Min. panel length/width with rolled edges	mm	190 / 110
Feed speed	m/min	9
Feed motor power	kW	0,55
Pneumatic operating pressure	bar	6,5
Operating temperature	°C	20 ÷ 190
<b>glue pot unit</b>		
Motor power	kW	0,18
Glue capacity	kg	~ 0,8
<b>premilling unit</b>		
Motor power	kW	2,2
Blade rotation speed	rpm	9.000
No. 2 diamond cutters		Ø 80 mm H=56 Z2
Stock removal		up to 3 mm
<b>end cutting unit</b>		
Motor power	kW	0,19
Blade		Ø 125 mm Z20
Blade rotation speed	rpm	12.000
<b>trimming unit</b>		
Upper/lower motor power	kW	2 x 0,35
Widia cutters		Ø 55,3 mm Z3
Cutters rotation speed	rpm	12.000
Vertical/horizontal copiers		rotating/rotating



## operating groups



**high productivity**  
9 m/min panel feed speed with track movement for an increased productivity. Monitoring of the panel position by encoder for a total work cycle control.

## optional operating groups



### perfect edge joint line Premilling unit.

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
- Adjustable stock removal by register, with the numerical readout of the infeed fence.



### 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.



### brilliant idea

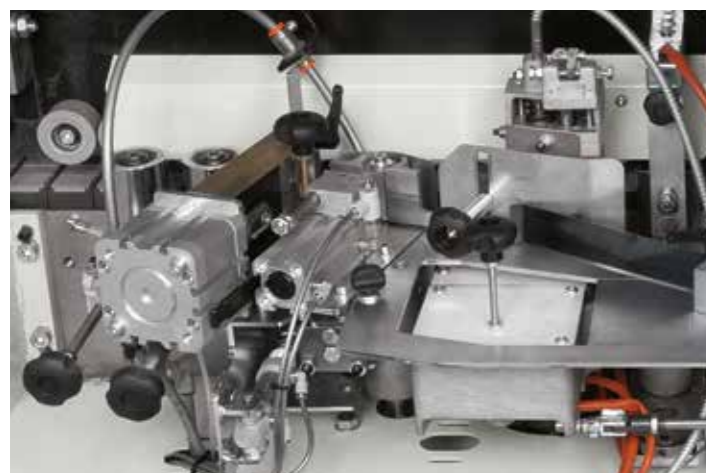
#### End-Cutting Unit with "Radius".

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.



### always precise when cutting End Cutting Unit.

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.



### ideal 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. The rapid unlocking of the glue pot and PU glue pot is available as optional device.

### quality finishing and versatility

#### Trimming Unit.

Very high edge quality finishing with the rotating copiers. The high frequency motors generate high cutter rotating speed, reducing to a minimum any marks left from trimming and guaranteeing the absence of vibrations. These 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.





### perfect radius on pvc/abs edges

#### Edge Scraping Unit.

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** and a user-friendly device for exclusion of the unit when it is not in use.



### perfect edge cleaning

#### Glue Scraping unit.

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



### optimal finishing

#### Brushing Unit.

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



### innovation at everybody's reach

#### Grooving Unit

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.



SCM GROUP SPA - via Casale 450 - 47826 Villa Verucchio - Rimini - Italy  
+39 0541 674111 - scm@scmgroup.com - www.scmwood.com



*In this catalogue, machines are shown 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.*