



adjustable edge banding slot gun

Application fields

Decorative edgbanding is an automatic process for board finishing where it is covered board edges -one or two paralel sides- with bands (strips) or profiles of melamine, PVC or wooden veneer on chipboards or MDF.

The process can be done in automatic machines where previously the edge is polished -to assure its uniformity-, the adhesive is applied to the board edge -EVA or PUR type- and then the surplus is removed mechanizing it in straight or bevel form according to band width.

There are also small machines to edgbanding kitchen furniture doors or room clothes-press with finishing in four edges.

There are multiple types of finishing with a great range of width -up to 100mm- and thickness -normally up to 3mm-.

Adjustable edge banding slot guns substitute traditional glue rollers for edge banding gluing. Its design allows to work with the most common adhesives, E.V.A., polyolefine or P.U.R. in a wide range of viscosities and variable application width

up to 60 or 100 mm in standard models due to its high flexibility and cleanliness.

The gun provides an accurate and uniform application in all edge surface.

Selectable direction of application

Using the same gun parts you can easily select the direction of the application (right or left) to apply on both sides of the board simultaneously.

Installation

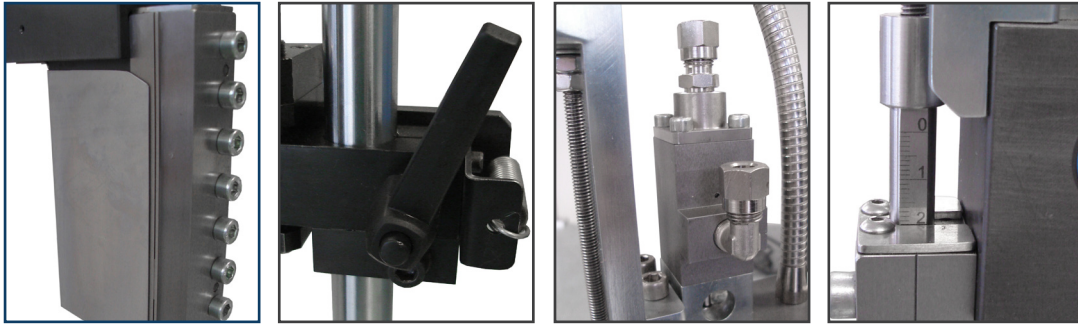
The gun-brackets assembly has a three dimensions adjustment X-Y-Z in a quick mode to guarantee a perfect contact between gun and the panel edge.

It also gives a simple contact force regulation in installation and start up tasks.

Adjustments

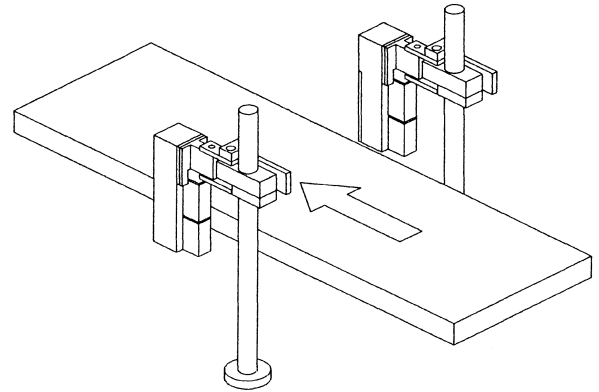
Application width adjustment is made handly by turning a hand wheel with a scale for precise readout of the coating width.

That system permits an easy selection of the coating width, making the changes fast and repeatible for short working series of different panel thickness.

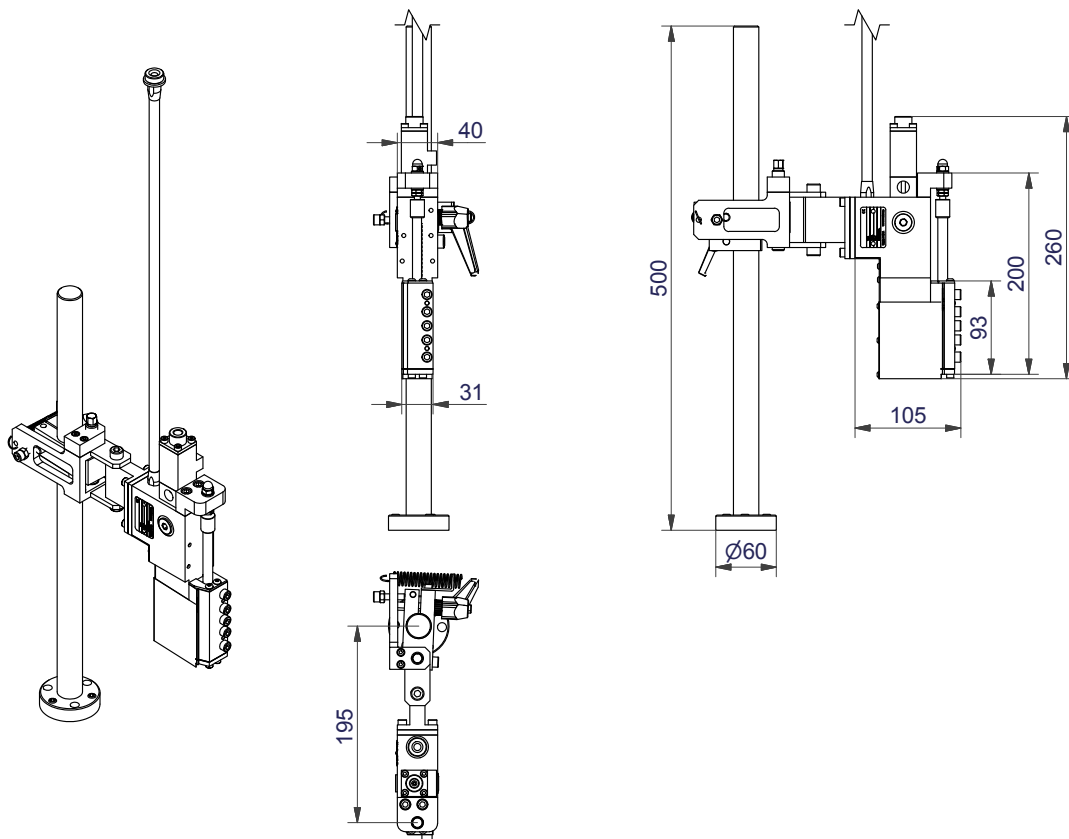


TECHNICAL CHARACTERISTICS

Max. working temperature.....	200°C (392 °F)
Max. hydraulic pressure.....	90 bar (1.305 psi)
Max. application width.....	up to 60 or 100 mm
Temperature control.....	Tolerance $\pm 0,5$ °C (± 1 °F)
Temperature sensor.....	Pt100 or Ni120
Electrical power supply.....	230 VAC, 50/60 Hz
Heating power.....	350 W
Max. pneumatic pressure.....	6 bar
Control voltage.....	24 VCD



DIMENSIONS



For more information speak with your Focke Meler representative:

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