Devices for samples and swatch making

Waterfall thermal gluers : ESTER series

The problem of fixing fabrics on the display support is often solved sticking the swatches over a non-woven holder coated with a thermal adhesive glue. When needed a heating machine melts the glue on the holder and, using a pneumatic pressure, sticks the swatch.

The procedure is rather simple but the technology needed is quite complex (heat controller, etc.).

To minimize as much as possible the complexity and consequently the price, we conceived the thermal gluer **ESTER**.

ESTER main features:
· non-woven holder manual feeding
· fixed position of the heating panel
· manual pressing operation

Even though the above features could look like limitations, in fact they make using the machine extremely simple allowing high productivity standards.

There are anyway enough adjustable settings available on the machine, such as:

· Adjustable pressing time from the operator's panel
· Forward motion of the holder led by an adjustable laser light, which enables to move it to the required length

How to operate ESTER:

1. put the fabric on the coated holder using the fixed marker
2. press the fabric
3. pull the support to the next position using the LASER light to get to the edge of the previous fabric
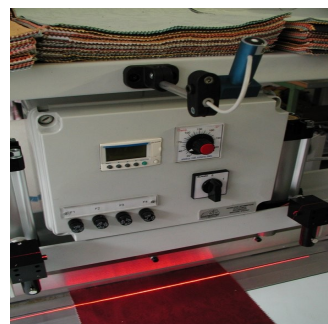4. take the next fabric to be stuck and repeat from step 2

Dimensions

Width	950mm	table model
	1300mm	wheeled-legs model
Height	655mm	
Depth	660mm	with roller support
	705mm	with cradle-rollers
Fabric swatch shelf	920mm	width
	380mm	depth

Technical characteristics

Holder roll diameter	250mm	standard
	300mm	maximum
Pressing clamp supplied	10mm and 20mm	thickness
	820mm	width
Maximum heating temperature	250°C	
Holder roll width	800mm MAX	
Electrical power supply	240V mono-phase	
Compressed air supply	6 bar	
Heating power	1,4 kW	

Optionals

Lamp light projector markers

LASER light markers