



ELEBOR GB srl



Machines for samples collection

Waterfal thermal gluing machine : TIE 900 series

The semiautomatic gluing machine **TIE** permits to produce samples collections and colours cards gluing textile samples, leather, paper, velvet, synthetic leather on supports types like : thermal adhesive paper, thermal adhesive TNT , thermal self adhesive paper. Samples are stuck vertically on the support, partially overlapped and two ply; they can also be put side by side.

Our long experience in samples collection field and the customers suggestions permitted to realize the new thermal gluing machine **TIE**, where each particular has been designed to simplify and improve the production.

The precision of the innovative electromechanics system of support feeding permits to control tenth of millimeter, to set higher speeds, and to use smaller engine with lower energy needs.

Programming the feeding measures is very simple, the operator input is guided by clear pictures on the touch screen panel.

The variation in the dimensions of the samples to glue is no more a problem thanks to the easiness to change the clamp.

The need of a precise control of the heater temperature, stated from the very beginning of the project, lead to realize an heating system well insulated to avoid heat drain and to save electric energy, hating time and working temperature.

The programmable timer allows automatically to switch on the heater before the beginning of the shift, this permits to start immediately the production.



TIE 900

**Dimensions**

Width	150 cm
Height	153 cm operator panel
Depth	80cm
Heater	5cm x 90cm
Clam thickness	from 1cm to 5cm x 90cm

Technical characteristics

Pover supply	240V single-phase
Power installaed	1,700 kW (max in use 1,0 kW)
Max speed	30 m/min
Sample max size	90 cm
Measure input	By graphical terminal operator with touch screen terminal
Support positioning	Controlled by PLC via encoder
Acceleration/Deceleration	Controlled by PLC
Engine	240V 0.25Kw

Optional

Type	Description
Manual driven cutter	A comfortable manual driven cutter installed on rails helps the support cut at the end of the waterfall
Panel PC	A full PC with touch screen replaces the terminal operator. It permits to produce complex jobs with multiple different and variable measures, to file jobs,

Ed. 11/09/09
Rev.11/14/09