



MILLENNIUM INDUSTRIAL DUAL-HOT LAMINATOR TO PRODUCE FLEXIBLE HEATING ELEMENTS OR WITH ETCHED FOIL TECHNOLOGY

Industrial laminator designed for coupling by vulcanization steel plate and silicone film. An automatic primer distribution system ensures consistent application for perfect adhesion between parts. It also combines various types of roll insulation materials such as polyester, polyamide (kapton®), teflon, etc. Once the heat element is done Millennium can apply on the back the double-sided adhesive that fixes it on the working point.

✓ INDUSTRIAL USE

Designed to work without interruption. Suitable with **heavy rolls up to 350 mm diameter** and weight **up to 150 kg**. Equipped with 6 shafts with adjustable tension (value can be stored)

✓ FLEXIBILITY OF APPLICATIONS

Thanks to the **independent temperature setting** of both rubber rollers **up to 150°C**

✓ INTUITIVE SETTINGS

The big **touch screen display** allows settings like: motorized lifting of the upper roller, rollers temperatures adjustment, working speed, visualisation of pressure between the rollers, tension of the shafts

✓ TIME SAVING

Ten default settings that can be modified according to the requirements

✓ DESIGNED FOR YOUR NEEDS

The most difficult works become simpler thanks to the comfortable swivel arm support of the touch screen display to be moved in front and behind the machine

✓ OPTIMISATION OF WORKFLOW

No waiting time thanks to the weekly scheduler that allows the automatic starting of the machine with pre-heating function and the cooling function of the roller once finished the work

✓ SMART REMOTE SYSTEM

Millennium can be connected to the internet network for remote assistance, for fast and efficient diagnostic

SUITABLE MATERIALS:

- > Steel plate/Silicone/Polyestere/Teflon
- > Polyamide (kapton®)/Double-sided adhesive/Many more





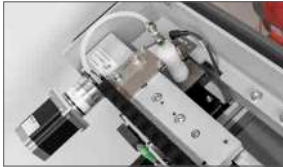
Touch screen display with swivel arm support for maximum convenience of use



Ease of loading of the rolls thanks to the air expansion shaft



Accurate tensioning adjustment of the steel plate and silicone roll with loading cell



Automatic primer distribution system

Double safety photosensitive cell avoiding finger crushing and emergency button



Unwinding shaft with air expansion for bi-protected silicone (max 150 kg, Ø max 350 mm, core 76 mm)

Rear rewinding shaft for silicone liner (max 60 kg, Ø max 350 mm, core 76 mm)

Rewinding shaft for silicone/steel (max 60 kg, Ø max 350 mm, core 76 mm)

Front unwinding shaft for steel plate (max 150 kg, Ø max 350 mm, core 200 mm)



Stainless steel rear worktop

Feeding control by hand (control panel) or foot pedal (hand free operation)



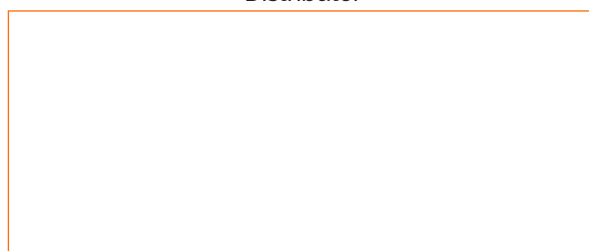
Connectors to eventually connect an external cutter for sheeting



Rear traction rollers with pneumatic lifting and manual control

Working width	750 mm (30 in)
Maximum space between rollers	40 mm (1,6 in)
Silicone coated rollers	Ø 205 mm (8 in)
Max. external roll diameter	Ø 400 mm (16 in)
Inner core	3"
Electronic temperature regulation independent for upper and lower roller	from 0°C to 150°C
Electronic speed adjustment with potentiometer	from 0 to 10 m/min. (from 0 to 394 in/min.)
Power supply	400V (3Ph) - 50 Hz - 8000 W
Dimensions (W x D x H)	1850 x 1400 x 2050 mm (73 x 55 x 81 in)
Weight	850 kg (1874 lbs)

Distributor



Manufactured in compliance with CE regulations



100% Made by FLEXA

 100% Made in Italy

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