



MILLENNIUM INDUSTRIAL

INLINE SYSTEM COMPOSED OF: MOTORIZED UNWINDER, LAMINATOR, CUTTER AND TABLE

The customized dual-hot laminator up to 120°C for industrial use is designed for coupling many different materials with roll-to-roll working mode or for the production of single sheets.

✓ FLEXIBILITY OF APPLICATIONS

Inline system designed for coupling many different materials with the possibility to start from a **jumbo roll with max. external diameter of 1000 mm and max. weight of 1000 kg**. The coupling is made with the laminator and the obtained material can be cut with the trimmer and collected with the table or can be rewinded with the rewinded shaft of the laminator

✓ 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, the real quantity of material and the tension of the shafts

✓ TIME SAVING

Ten default settings that can be modified according to the requirements

✓ MAXIMUM PRECISION

The motorized unwinder **can read the edge of the material** or a line printed on it.

In this way the material is inserted to the laminator always respecting the same initial position, even in the case of rolls wrapped unevenly

✓ 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

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

➤ **SUITABLE MATERIALS:** Many films and self-adhesive films, double-sided adhesives with or without liner





- Rewinding shafts with brushless motor with constant torque
- Air expansion shaft with heavy-duty supports



Pneumatic lengthwise rotary crush cutters + cutting unit with titanium coated blades

MOTORIZED UNWINDER WITH EDGE CONTROL

Working width	1600 mm
Inner core	Ø 76 mm (other Ø on demand)
Max. external roll diameter	Ø 1000 mm
Max. roll weight	1000 kg
Max. working speed	20 m/min.
Pneumatic counterbalanced dancer: it keeps the material always tensioned avoiding tears	
Motorized system for the edge control (the ultrasonic sensor can also work with transparent materials)	
Working speed with PID control and "floating" dancer (no on/off)	

INDUSTRIAL LAMINATOR MILLENNIUM

Working width	1600 mm
Roll diameter	from 350 to 500 mm
Motorized lifting of the upper roller	up to 60 mm
Adjustable working speed	from 1 to 20 m/min
Silicone high anti-adhesivity coated rollers	Ø 150 mm
Electronic temperature regulation (independent for upper and lower roller)	from 0 to 120 °C
Traction roller with pneumatic lifting	Ø 80 mm
Load cells for material brake tension adjustment	2



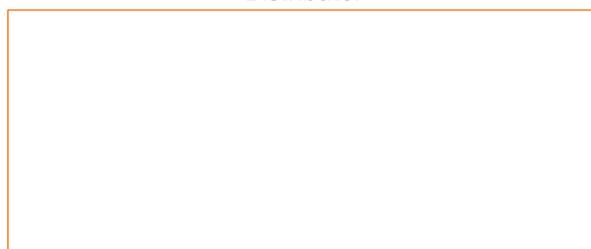
COLLECTING TABLE FOR SINGLE SHEETS ON WHEELS MOUNTED ON AN ALUMINUM STAND

Max. sheet length	1500 mm
Max. sheet width	1600 mm
Adjustable tilting table	
Adjustable reference square	

ELECTRIC TRIMMER EXTRIM

Working width	1640 mm
Maximum cutting thickness of flexible materials	1,8 mm
Max. cross cutting speed	100 m/min.
Self-sharpening circular blade	
Cutting unit mounted on a linear recirculating ball bearing system for long lasting and accurate operations	
Ease of use thanks to the automatic lowering of the pressure tamper for a precise material positioning	
LED illuminated cutting line	
Protection cover of all moving parts	
Waste catcher to keep the working area clean and neat	

Distributor



Manufactured in compliance with CE regulations



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