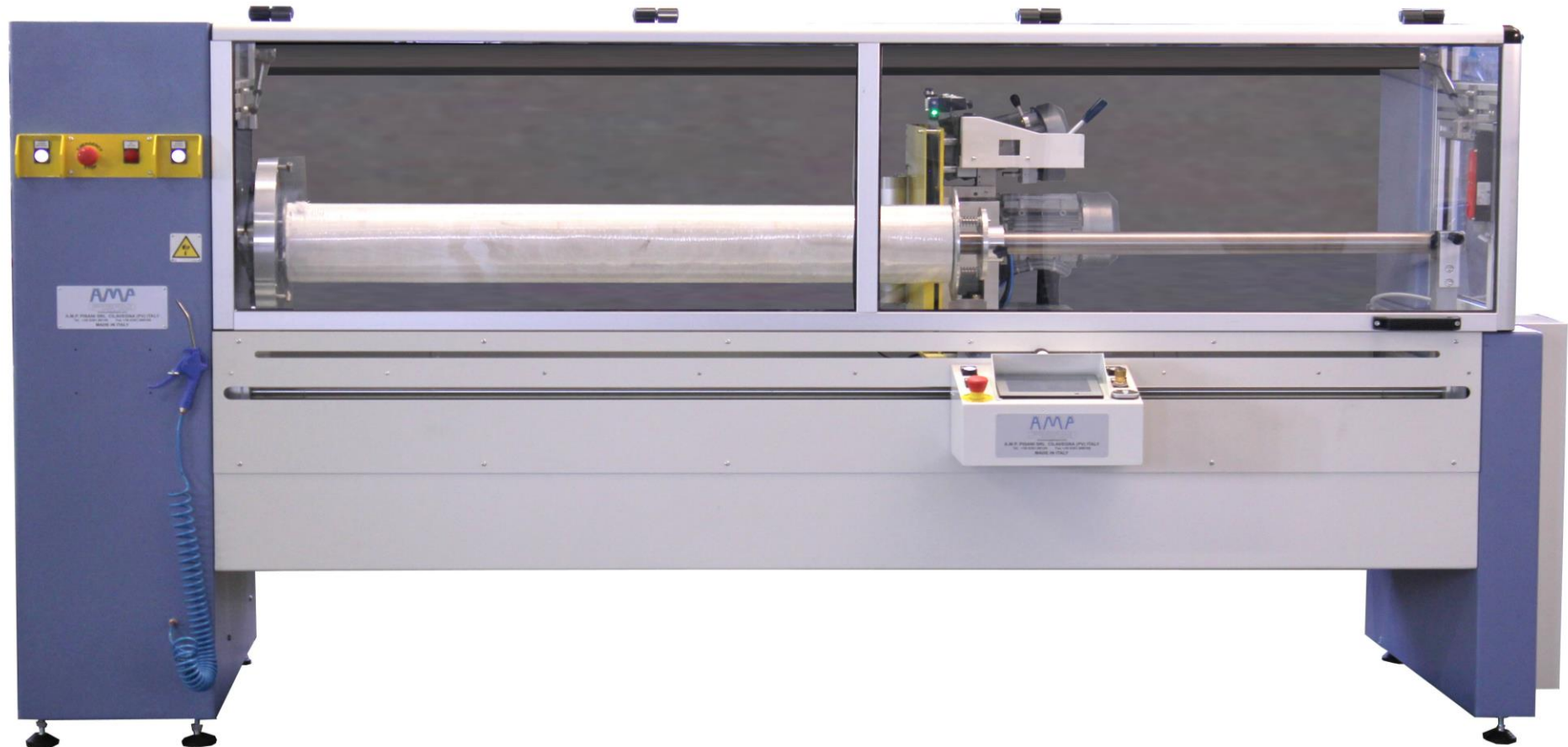




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T/350E
AUTOMATIC ROLL SLITTING MACHINE

AUTOMATIC ROLL SLITTING MACHINE T/350E

Automatic roll slitting machine for rolls with max diameter 300 mm, max displacement of the blade carriage from the chuck of 185 cm and possibility to load rolls with max length 200 cm.

This unit is designed with the utmost attention to safety features, and it is compliant to EC (European Community) Machine Safety Standards.

The machine can process most of textile materials in rolls such as bias or straight fabrics and non-woven with and without adhesives as well as some type of PVC and PU foam materials, glass and carbon fibers and more.

TECHNICAL FEATURES

- Totally closed machine. Highly safe for the operator, no diffusion of cutting dust and less noise. On requests LED lights for a very clear illumination inside the machine
- Positioning of the blade carriage with wormscrew and AC motor controlled by a vectorial inverter with the possibility of programming up to 3 cutting measures for each automatic cycle.
- Photocell to detect the roll diameter and Laser pointer to indicate the actual position of the blade on the roll.
- Adjustable blade rotation speed (up to 600 RPM) and adjustable roll rotation speed (up to 400 RPM) with digital vectorial inverter. Possibility to select the roll rotation direction.
- Quick return of the blade carriage to the end of its stroke after each automatic cut and, after indexing to the cutting width, the blade moves forwards at maximum speed until the photocell on the blade carriage intercepts the roll then it slows down to the preset penetration speed into the material.
- Automatic return of the blade to the initial position of the automatic cycle
- Self-centering mechanic chuck with double clamping mechanism on the cardboard core and on the roll external surface. Pneumatic chuck available on request..
- Automatic sharpening of the circular knife on both sides with adjustable sharpening time after a programmed number of cuts. Blade speed will be set automatically to the optimal sharpening speed during operation. The machine includes a device to dress the main grindstone with a diamond.
- Machine equipped with non-rotary roll shaft. Rotary shaft not available on this model.
- PLC controlled machine with a separate safety PLC to control the safety devices and equipped with complete diagnostic software to inform the operator of any possible alarm and to display instructions to restart the unit on a touch screen graphic panel.
- Max roll dimensions: diam. 300 mm, length 2.000 mm, weight Kg.40.

DEVICES ON REQUEST

- T100/FLA Support flange
- T350/SIL Automatic single or multiple-pulse blade lubrication with programmable lube on/ lube off time. Possibility of using both pure silicone and a mixture of water and silicone glycol.
- T350/CHUCK Pneumatic opening/closing chuck.
- T350/LED LED lights for lighting inside the machine.
- T300/SIL Automatic blade lubrication system for the blade .
- T500/COL Blade cooling system by compressed air expansion.
- T100/RIL Wormscrew reducer for the blade

TECHNICAL DATAS

- Blade diameter.....:450 mm
- Roll shaft diameter.....:50 mm (other diameters on requests)
- Voltage.....:400V \pm 5% 50Hz 3-phases (other voltages on request)
- Dimensions and weight:3000 x 1480 x 1600 (h) mm – Kg 850 kg
- Installed power.....:4,5 kW
- Compressed air:6 bar
- Accuracy of blade positioning.....:±0.15 mm