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T/50EX

SEMIAUTOMATIC ROLL SLITTING MACHINE

SEMIAUTOMATIC ROLL SLITTING MACHINE CLASS T/50EX

The T/50EX manual slitting machine with semiautomatic movement of the blade carriage to the cutting measure can cut easily with the highest safety for the operator most of materials in rolls (bias or straight cut, polyester, non-woven, synthetic leather, PVC, interlinings, adhesives and so on).

This machine has been designed with the utmost attention to safety features to obtain, **for the first time in the market**, from IMQ (www.imq.it Italian Institute for Quality Trademarks) the **Certification of "CE" conformity for standards 2006/42/EC (Ref. IMQ/354)**. The technical file of the machine has been deposited by IMQ organization that has certified the conformity to "CE" European Community Safety Standards.

TECHNICAL FEATURES

- Highly safe for the operator. The blade is totally enclosed and the operator can do the cutting operations only when both hands are resting on a pushbutton and on the cutting lever.
- Fast semiautomatic positioning of the blade carriage. The operator presses a button and the pneumatic cylinder indexes the blade carriage to the preset measure.
- Cutting width easily presettable on a graduated knob with magnifying glass for a clear view of the ruler
- Machine standard equipped with digital inverters to adjust the blade speed up to 600 rpm and the roll speed up to 400 rpm
- Sharpening of the knife on both sides with pneumatic displacement towards the blade of the motor driven main grindstone and an auxiliary grindstone to remove the sharpening burrs
- Machine includes a diamond to dress the main grindstone.
- Self-centering mechanic chuck with double locking of the roll on the external of the roll (3 pliers) and one extra plier to lock the cardboard core
- PLC controlled machine with a separate safety PLC to control the safety devices of the unit

DEVICES ON REQUEST

- T50/SIL Manual blade lubrication system
- T50/FLA Flange with springs for roll support
- T50/BAR Additional roll shaft support with diameter at choice (between 34 and 55 mm)
- T50/BAR75 Roll shaft support with diameter 75 mm
- T50/REV Winding device to rewind rolls on the paper tube in the roll shaft support
- T50/CM Mechanic meter counter for winding system (not for knitted fabric)
- T50/L220 Roll support extended to L=220 cm. Max blade displacement from the chuck 160cm

TECHNICAL DATAS

- Roll dimensions: diameter 250 mm x 2000 mm ⁽¹⁾ Kg.20 max
- Accuracy of blade positioning: ± 0.3 mm
- Blade diameter: 400 mm
- Roll shaft diameter: 49 mm (from 33 to 49 mm on request)
- Electric data: 2,2 kW 400V 50Hz 3-phases (other voltages on request)
- Compressed air: 6 bar
- Space requirements: 2500 x 1000 mm approx
- Net weight: 450 kg

(1) Rolls up to 2000 mm can be loaded but the first cut can be done at a maximum distance of 1600 mm from the chuck.

