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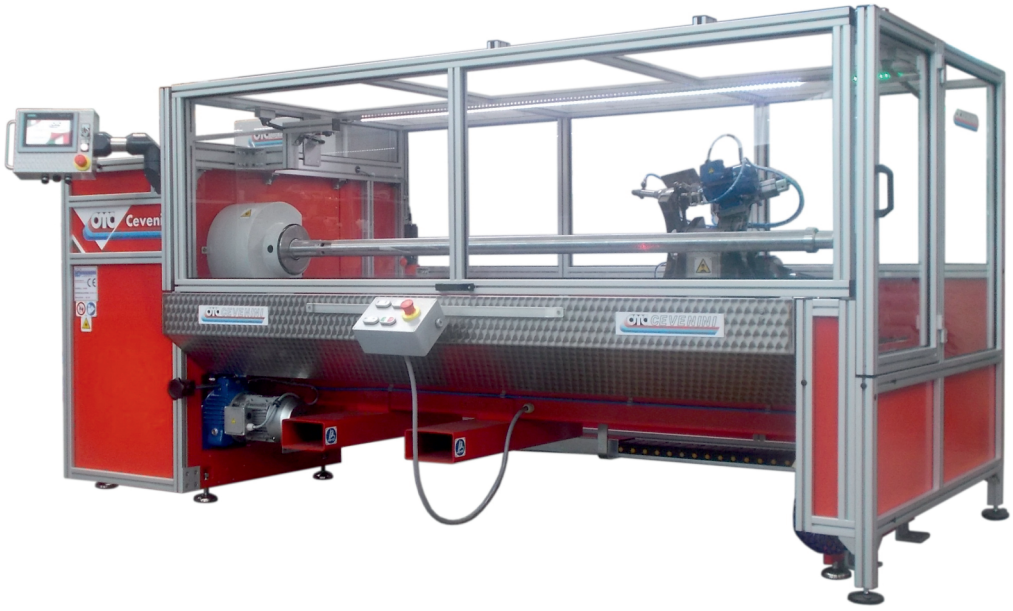
ALWAYS AHEAD IN INNOVATION

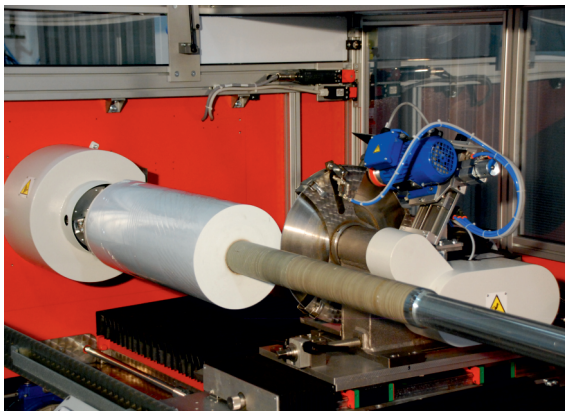
Automatic Log Slitter Mod. E305



Over 75 Yrs since 1933

Technical Features

- Materials: technical tapes, PVC, dieletric and vinyl tapes, biadhesive tapes and similar adhesive tapes.
- Fully automatic working cycle with the exception of loading and unloading of the material.
- Working width: 1700mm. (67").
- Max. O. D. of the log: 305mm. (12") on Ø 76mm (3") mandrel with Ø 360mm. (14.2") blade.
- Max. weight of material loadable on unsupported mandrel: 80 kg (176.5 lbs); with supported mandrel , 200 kg (441lbs).
- Interchangeable mandrels from Ø 25mm (1") to Ø 76mm (3").
- Indexing tolerance: +/- 0,1mm. (0,003").
- Cutting width: from 2mm. with decimal increasing (from 0.08" with thousandths increasing).
- Cutting system: single rotating blade on one mandrel.
- Pneumechanical jaws chuck with plateau to grip the core from the outside.
- Driven blade unit.
- Automatic blade pivoting angle.
- Machine controlled by a PLC "SIEMENS"and interface operator "TP700" with touch screen technology for all the working functions and display for the cutting widths pre-selection, production counter, rotation speed of the log and of the blade.
- Programming panel located on a swivel arm for great display of the pre-selected working data.
- Automatic check-control on the machine working functions, with self-diagnosis messages.
- Total safety protection guard, complying with the "EC" requirements in force.
- Flip safety guard to protect the operator when main shield is opened.
- Ability to select 2 different cutting widths per logroll.
- Proportional valve to adjust 3 penetration speeds of the blade into the material using a linear transducer.
- Accurate setting of the blade stroke, depending on the outside Ø of the log and inside Ø of the core.
- Log and blade rotation speeds adjustable on a continuous scale.
- Front side machine backwater tank, blade cover, blade shaft and flange made of stainless-steel.
- Lubricating and cooling system of the blade by spray of air/lubricant mixture.
- Fast speed blade carriage index by means of a brushless motor.
- Mandrel tailstock support manually operated.
- Internet remote-service assistance with link to CMC CEVENINI for on-line software up-date and fault finding.



Options

- Ability to cut up to 4/8 different widths on the same log.
- Laser pointer to easy allow the manual positioning of the blade.
- Acoustic alarm for the minimum level of the emulsion tank for lubricating system.
- Possibility to store numberless working pages.
- Automatic detection of log diameter.
- Possibility to furnish cutting contrast rest to prevent a mandrel flexion.
- Automatic blade sharpening unit with de-burring assembly, programmable in frequency and time.
- This model can be customized to meet customer's needs thanks to a wide range of others options available.

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