ALWAYS AHEAD IN INNOVATION

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Automatic Log Slitter 2 Mandrels Turret Mod. E20-285



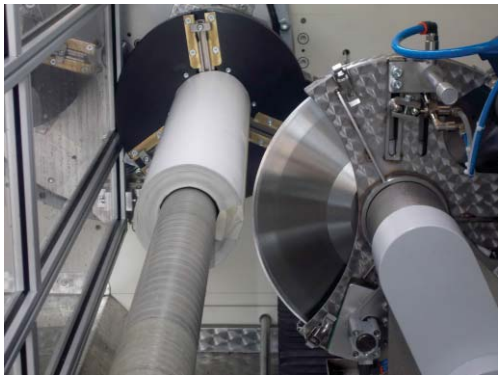
Over 50 Yrs experience

Technical Features

- Fully automatic nonstop working cycle, including the overturning of the turret with manual loading and unloading of material.
- Max. working width:1700mm. (67").
- Max. outside Ø of log: 285mm (11,2") on Ø 76mm (3") mandrels with Ø400mm (15,8") blades.
- Max. weight of material loadable on unsupported mandrels: 80 kg (176.5 lbs); .
- N. 2 Interchangeable mandrels from Ø 51mm (2") to Ø 76mm (3").
- Indexing tolerance: +/- 0,1mm (0,003").
- Cutting width: from 2 mm (0,008"). with decimal increasing.
- Cutting system: single rotating circular blade on one (1)mandrel, while the other is available for loading/unloading operation.
- Turret rotation combined with pneu-mechanical chucks to provide continuous operation and allows faster loading and unloading of material.
- N. 2 pneu-mechanical chucks with core extension locking.
- Driven blade unit.
- Automatic blade pivoting angle.
- Automatic detection of log diameter.
- Machine controlled by "PLC SIEMENS" and interface operator "TP700" colour touch screen technology, for all the working functions such as: display of the cutting widths pre-selected, production counter, rotation speed of log and blade.
- Programming panel on a swivel arm for great display of the working data.
- Automatic check-control on machine working functions, with self-diagnosis messages.
- Total safety protection guard with sliding doors, complying with the "EC" regulations in force.
- Ability to select 2 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.
- Automatic blade sharpening unit with de-burring assembly, programmable in frequency and time.
- Blade carriage index by means of a re-circulating ball screw connected with a "brushless" motor.
- 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.
- Possibility to store numberless multi-pages memory.
- Automatic "0" blade tip detection.
- Additional chilled air cooling system for the blade (Vortex).
- Automatic device for blade cleaning after sharpening process.
- This model can be customized to meet customer's needs thanks to a wide range of options available.



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