ALWAYS AHEAD IN INNOVATION

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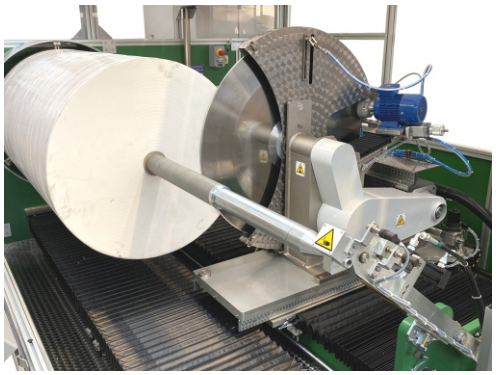
Automatic Log Slitter Mod. E800+S



Technical Features

- Fully automatic working cycle with the exception of loading and unloading of the material.
- Working width: 1700mm. (67").
- Max. O. D. of the log: 800mm (31,5") on Ø 76mm. (3") mandrel with Ø 920mm. (36,2") blade.
- Max weight of material loadable on unsupported mandrel: Kg. 80 (176.5 lbs) and Kg. 250 (550 lbs) with supported mandrel.
- Indexing tolerance: +/- 0,1mm. (0,003").
- Cutting width: programmable from min. to max. with decimal increasing depending on materials.
- Cutting system: single rotating blade on one 3" or 6" mandrel.
- Pneumatic chuck with plateau to grip both the core and the log from outside up to a max. Ø of 800mm. (31,5").
- Driven blade unit.
- Special arm device to facilitate loading/unloading operations of the blade to the shaft.
- Mandrel tailstock support automatically operated.
- Loading / unloading trolley hydraulically operated with up & down movement motorized for log in, rolls out throughout joystick. Memorized log position for repeat logs loading operations.
- Automatic blade pivoting angle.
- Automatic detection of the log diameter.
- Automatic "0" blade tip detection at every cut cycle or after a HOLD.
- Activation of multi program recipe memory pages.
- 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 with sliding doors, complying with the "EC" requirements in force.
- Automatic flip safety guard, blade cover to protect the operator during logs loading & cut rolls unloading.
- Ability to select 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 touch panel on a continuous scale through inverter.
- 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 automatic adjustment to diameter and blade wear complete with de-burring assembly, programmable in frequency and time.
- Fast speed blade carriage index by means of a brushless motor.

Internet remote-service assistance with link to CMC CEVENINI for on-line software up-date and fault finding.



Options

- This model can be customized to meet customer's needs thanks to a wide range of options available.

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