ALWAYS AHEAD IN INNOVATION

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# Automatic Log Slitter Mod. E650

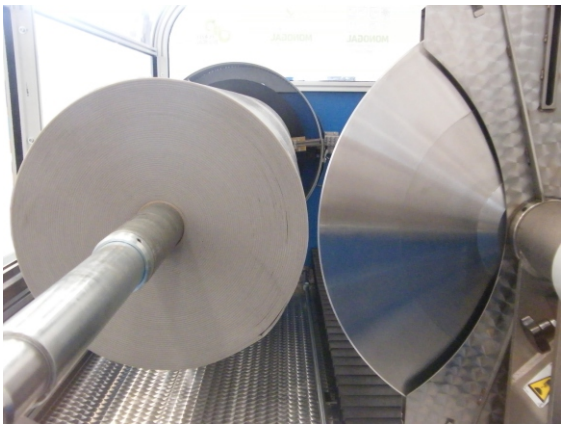



## Technical Features:

- *Fully automatic working cycle with the exception of loading and unloading of the material.*
- *Working width: 1700mm. ( 67" ).*
- *Max. O. D. of the log: 650mm (25,6") on Ø 76mm. (3") mandrel with Ø 730mm. (28,7") blade.*
- *Max. weight of material loadable on unsupported mandrel: 80 kg (176.5 lbs); with supported mandrel, 200 kg (441 lbs).*
- *Interchangeable mandrels from Ø51mm (2") to Ø76mm (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.*
- *Pneumatic jaws chuck with plateau to grip both the core and the log from outside up to a max. Ø of 650mm. (25,6").*
- *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 with sliding doors, 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 for 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.*
- *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:

- *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.*
- *Automatic " 0" blade tip detection at every cutting cycle or after a hold.*
- *Mandrel tailstock support automatically operated.*
- *This model can be customized to meet customer's needs thanks to a wide range of options available.*



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