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Automatic Log Slitter Mod. TNF 5



ALWAYS AHEAD IN INNOVATION

Technical Features

- Machine designed to cut logs of Polyethylene, coated & non-coated plastic films, protective tape, silicone paper and similar.
- Fully automatic working cycle with the exception of the loading and unloading of the material. These operations are performed with an in-line loading trolley. A scissor lift allows the log to be raised to the same height as the shaft on the machine (log weight: max. Kg. 500).
- Working width: 2750mm. (108").
- Max. outside log Ø: 500mm. (20") on Ø 76mm. (3") mandrel.
- Max. outside saw-blade Ø: 600mm. (23,6")
- Rotating mandrel Ø76mm. (3") with fully expansion for toothed blade cutting system.
- Indexing tolerance: +/- 0,1mm. (0,003").
- Interchangeable mandrels from Ø 3" to 6".
- Cutting width: to max. width with decimal increasing.
- Cutting system: with single rotating toothed blade (saw-blade) on one mandrel.
- Mandrel tailstock support automatically operated.
- Saw cutting head driven unit.
- Machine controlled by a "PLC SIEMENS " and interface operator "TP 700" with touch screen technology for all the working functions.
- Programming panel located on a swivel arm to get for great display of the pre-selected working data.
- Automatic check-control on the machine working functions, with self-diagnosis messages.
- Total sound proof protection guard with sliding doors, complying with the "EC" requirements in force and specially modified to allow loading/unloading with trolley system.
- Ability to select 2 different cutting widths per logroll.
- Proportional valve to adjust 3 penetration speeds of the saw-blade into the material using linear transducer.
- Accurate setting of the blade stroke, depending on the outside Ø of the log and inside Ø of the core.
- Log and saw-blade rotation speeds adjustable on a continuous scale.
- Front side machine backwater tank, blade cover, blade shaft and flange made of stainless-steel.
- Blade cover includes a facility to connect a suction pipe for waste material extraction.
- Lubricating and cooling system of the saw-blade by spray of air/lubricant mixture.
- 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.
- Acoustic alarm for the minimum level of the emulsion tank for lubricating system.
- Possibility to store numberless working pages.
- Automatic detection of log diameter.
- Aspiration system composed by Exhauster and Container.

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