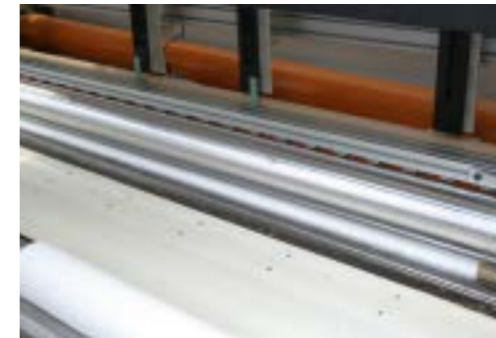


702G

INDUSTRIAL REWINDER



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The semi-automatic slitter-rewinder model 702G for the production of rolls for industrial use is based on the philosophy of continuous enhancement of the Fabio Perini S.p.A. machine pool, and is designed to answer to the continuously changing needs of the market and, therefore, of converters.

Structural modifications and particular interventions on the units have resulted in a higher degree of automation, enhanced production performance, facilitated operation and minimal maintenance requirements, making this machine efficient and versatile, able to satisfy the needs of every converter.

Its operation is semi-automatic and, by adopting the Kit Evolution, it can be made completely automatic due to the optimization of the working cycle for the production of logs with whole-length cores. The enhanced operation logic reduces machine downtime, acceleration and deceleration times, improving production efficiency by increasing maximum speed from 450 mpm to 550 mpm, all the while maintaining the possibility to pass to the cut core configuration with the use of mandrel in less than 20 minutes.

The Kit includes: automatic tail rewinding unit, automatic log extraction unit, log expulsion unit in the winding area with core transport, expansion of the main motor, optimization of the cycle for integral cores and the core bin (as optional, the core elevator is also available).

Technical Characteristics

| | |
|---------------------------|---|
| - Nominal formats | 2700 mm (106.3") and 2800 mm (110.24") |
| - Pneumatic system | Min pressure 6 bar |
| - Air consumption | 1500 l/min |
| - Main drive | Independent drive with flat belts for rewinder and unwinding section |
| - Lubrication system | Localized with greasers |
| - Programmable controller | PLC |
| - Web thread | Automatic |
| - Max winding speed | Up to 450 mpm (1476 fpm) Up to 550 mpm (1804 fpm) with Kit Evolution |
| - Absorbed power | 38 Kw (50.96 HP) 77 Kw (103.26 HP) with Kit Evolution |
| - Diatrol | By counterpressure |
| - Perforation | Fixed roll with one serrated perforation blade; rotating perforating roll with 4 helix mounted anvil blades |
| - Sheet count | By increments of 1 with no limits, up to max diameter attainment |
| - Unwinder functioning | By peripheral draw belts |
| - Rewinder functioning | Semiautomatic, surface winding with possibility to work at diameter or at sheet count, start-stop functioning cycle |
| - Tail sealer functioning | With motorized trolley |
| - Gluing system | With double nozzle for simultaneous gluing of core and tail |

Products Specifications

| | |
|-----------------------------------|--|
| - Log diameter min - max | 110 mm (4.33") - 500 mm (19.68") |
| - Internal core diameter min -max | 25 mm (0.98") - 85 mm (3.35") |
| - Rolls Length | From minimum 85 mm (3.35") by increment of 5 mm (0.2") |
| - Perforation length | Preset 1+/- mm; |

