

MODEL 855



Special calender for pieces or continuous fabrics, used for :

- Transfer printing
- Direct inks reactivation
- Thermosetting - heatsetting

Versatile and polyvalent calender, developed for transfer printing of all the follows work conditions, according to required options:

- Printing paper in roll and material to be printed in roll
- Printing paper in roll and material to be printed in pieces
- Printing paper in sheets and material to be printed in pieces

1. Characteristics of printing cylinder:

- 1.1. Diameter : 500 mm (19,69").
- 1.2. Width : 2.200 mm (86,61").
- 1.3. Working Width: 1.800 mm (70,87") / 2.000 mm (78,74").

2. Heating system and temperature control:

- 2.1. The cylinder is heated by one resistor (heating element) in a vacuum sealed oil bath, in complete absence of air and pressure. MONTI ANTONIO S.p.a system.
- 2.2. The temperature of the cylinder is set by a touch screen and regulated directly through an electronic sheet. The temperature control is equipped with temperature alarm system and a limitation system of maximum temperature (230 °C).

3. Tension controls:

- 3.1. Tension control for printing material in roll:
 - Entry: disk brake with pneumatic adjustment + fabric manual brake
 - Exit: winding per contact with conveyor-belt in exit
- 3.2. Tension control for printing paper in roll:
 - Entry: disk brake with pneumatic adjustment
 - Exit: special motor with automatic constant tension, adjustable by potentiometer
- 3.3. Tension control for protection paper:
 - Entry: disk brake with pneumatic adjustment
 - Exit: special motor with automatic constant tension, adjustable by potentiometer

4. Other devices into machine:

- 4.1. Short front working table, 1200 mm
- 4.2. Conveyor-belt for automatic unloading on the back of the machine
- 4.3. Independent motors with a electronic synchronization system
- 4.4. NOMEX felt with tension adjustment system and automatic felt-centering device

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- 4.5. Incorporated system of felt protection in case of black out and/or compressed air lack
- 4.6. Machine general management, including temperature controls, controlled by a programmable PLC for the production data memorization
- 4.7. Front touch-screen keyboard for several access to many work programs.

5. Technical data:

- 5.1. Installed power: 32 kw/h
- 5.2. Average electric consumption: 21 kw/h
- 5.3. Compressed air pressure: 6-8 bar
- 5.4. Mechanic speed: 0.5 – 7,5 m/min
- 5.5. Overall dimensions (with front table): width 3.520 mm (138,58"). length 3.265 mm (128,54"). height 1.620 mm (63,8").
- 5.6. Net weight (without front table): 3.050 kg
- 5.7. Machine produced according to CE rules
- 5.8. Customs tariff: 84 51 80 30

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