

## MODEL 853-2000



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 : 350 mm (13,78").
- 1.2. Width : 2.000 mm (78,70").
- 1.3. Working Width: 1.700 mm (66,90") / 1.800 mm (70,87").

### 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 the touch screen and regulated by an electronic sheet. The temperature control is equipped with an 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
  - 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, 800 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

All data and technical features are purely indicative and subjected to changes without prior notice



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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 production data access and programming

### 5. Technical data:

- 5.1. Installed power: 21 kw/h
- 5.2. Average electric consumption: 15 kw/h
- 5.3. Compressed air pressure: 4-8 bar
- 5.4. Mechanic speed: 0.3 - 4 m/min
- 5.5. Overall dimensions (with front table): width 3.450 mm (135,80"). length 2.280 mm (89,76"). height 1.700 mm (66,93").
- 5.6. Net weight: 2.200 kg
- 5.7. Machine produced according to CE rules
- 5.8. Customs tariff: 84 51 80 30

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