

## MODEL 856



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 : 1.800 mm (70,87").
- 1.3. Working Width: 1.600 mm (62,99").

### 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: manual brake + 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: winding with pneumatic device
- 3.3. Tension control for protection paper:
  - Entry: disk brake with pneumatic adjustment
  - Exit: winding with pneumatic device

### 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. Single motor
- 4.4. NOMEX felt with tension adjustment system and automatic felt-centring device
- 4.5. Incorporated system of felt protection in case of black out and/or compressed air lack
- 4.6. Machine management, controlled by PLC
- 4.7. Touch-screen keyboard in front of the machine.

### 5. TECHNICAL DATA:

- 5.1. Installed power: 20 kw
- 5.2. Average electric consumption: 13 kw/h
- 5.3. Compressed air pressure: 4-8 bar
- 5.4. Mechanic speed: 0.3 - 4 m/min

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

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- 5.5. Overall dimensions (with front table): width 3.190 mm (125,5"). length 2.400 mm (94,4"). height 1.450 mm (57").
- 5.6. Net weight: 1.800 kg
- 5.7. Machine produced according to CE rules
- 5.8. Customs tariff: 84 51 80 30

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INNOVATION  
SPEED  
FLEXIBILITY  
PROJECT&DESIGN  
INSTALLATION AND ASSISTANCE



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