

## 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: 1.500 mm (59,06") / 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

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

## MODEL 856



- 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: 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 3.190 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 EC rules
- 5.8. Customs tariff: 84 51 80 30

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

Monti Antonio S.p.A.  
Via dell'Elettronica n°5  
36016 Thiene (VI) - Italy

Tel. +39 0445 364619  
Fax. +39 0445 364033  
sales@montiantonio.com  
[www.montiantonio.com](http://www.montiantonio.com)

STANDARD & CUSTOM HEATING SOLUTIONS



LAMINATING



PRINTING



FINISHING



PRESSING



STEAM GENERATORS