

MODEL 859



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 : 1.800 mm (70,86").
- 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 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 on rubbed roll
- 3.2. Tension control for printing paper in roll:
 - Entry: disk brake with pneumatic adjustment
 - Exit: winding on aluminum shaft dragged by the main engine and equipped of pneumatic clutch
- 3.3. Tension control for protection paper:
 - Entry: disk brake with pneumatic adjustment
 - Exit: winding on aluminum shaft dragged by the main engine and equipped of pneumatic clutch

4. OTHER DEVICES INTO MACHINE:

- 4.1. Short front working table, 1200 mm
- 4.2. NOMEX felt with tension adjustment system and automatic felt-centring device
- 4.3. Incorporated system of felt protection in case of black out and/or compressed air lack
- 4.4. Machine general management, including temperature controls, controlled by a programmable PLC for the production data memorization
- 4.5. Front touch-screen keyboard for several access to many work programs.

5. TECHNICAL DATA:

- 5.1. Installed power: 26 kw
- 5.2. Average electric consumption: 17 kw/h
- 5.3. Compressed air pressure: 6-8 bar
- 5.4. Mechanic speed: 0.5 – 7,5 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 3.200 mm (126"). length 3.250 mm (128"). height 1.700 mm (67").
- 5.6. Net weight (with standard front table): 2.900 Kg
- 5.7. Machine produced according to CE rules
- 5.8. Customs tariff: 84 51 80 30

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INNOVATION
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PROJECT&DESIGN
INSTALLATION AND ASSISTANCE



Monti Antonio S.p.A.
Head Office: via dell'Elettronica n°5, 36016 Thiene (VI) Italy
Operation and Administration: via della Fisica n°6, 36016 Thiene (VI) Italy
T. +39 0445 364619 +39 0445 364707 - sales@montiantonio.com
www.montiantonio.com