

MODEL C02-1800

CALENDER used for:

- Transfer printing
- Direct inks reactivation
- Thermosetting - heatsetting

1. CHARACTERISTICS OF PRINTING CYLINDER:

- 1.1. Diameter : 200 mm (7,87").
- 1.2. Width : 1.800 mm (70,87").
- 1.3. Working width: 1.650 mm (65").

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 is regulated by an electronic card with tolerance. 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:
 - Entry: brake with manual adjustment and manual textile tensioner
 - Exit: tangential winding on felt
- 3.2. Tension control for printing paper:
 - Entry: disk brake with manual adjustment.
 - Exit: winding on aluminium shaft pulled by the main motor and equipped with pneumatic clutch
- 3.3. Tension control for protection paper:
 - Entry: disk brake with manual adjustment.
 - Exit: tangential winding on felt

4. OTHER DEVICES INTO MACHINE:

- 4.1. Single motor
- 4.2. NOMEX felt with pneumatic 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. Meter-counter, with alarm to predetermine the length of production runs
- 4.5. General management of the machine, including temperature control by adjustable PLC for the memorization of production data
- 4.6. Front touch-screen keyboard for production data access and programming

5. ROLLS DIAMETER MACHINE WITHOUT OPTIONS:

- Fabric roll diameter in entry 250 mm (10").
- Fabric roll diameter in exit 250 mm (10").
- Printing paper roll diameter in entry 250 mm (10") - Larger diameters on request.
- Printing paper roll diameter in exit 200 mm (8") - Larger diameters on request.
- Protection paper roll diameter in entry 250 mm (10").
- Protection paper roll diameter in exit 250 mm (10").

6. TECHNICAL DATA:

- 6.1. Installed power: 10 kW
- 6.2. Average electric consumption: 6 kW/h

All data and technical features are purely indicative, subjected to changes without prior notice and refer to standard machines without options

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- 6.3. Compressed air pressure: 3-8 bar
- 6.4. Mechanic speed: 0.1 - 1.7 m/min
- 6.5. Overall dimensions: width 3.100 mm (122"), length 995 mm (39") height 1.600 mm (63").
- 6.6. Net weight: 920 kg
- 6.7. Machine produced according to CE rules
- 6.8. Customs tariff: 84 51 80 30

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