

MODEL C02-2000

CALENDER used for:

- Transfer printing
- Direct inks reactivation
- Thermosetting - heatsetting

1. CHARACTERISTICS OF THE HEATING CYLINDER:

- 1.1. Diameter : 200 mm (7,87").
- 1.2. Width : 2.000 mm (78,74").
- 1.3. Working width: 1.850 mm (72,83").

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 disk brake.
 - Exit: tangential winding on felt.
- 3.2. Tension control for printing paper:
 - Entry: axial unwinding with manual brake.
 - Exit: motorized winding with pneumatic device of motion transmission.
- 3.3. Tension control for protection paper:
 - Entry: motorized axial unwinding with pneumatic device of motion transmission.
 - Exit: tangential winding by contact 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 (9,85").
- Fabric roll diameter in exit 250 mm (9,85").
- Printing paper roll diameter in entry 250 mm (9,85") - Larger diameters on request.
- Printing paper roll diameter in exit 250 mm (9,85") - Larger diameters on request.
- Protection paper roll diameter in entry 250 mm (9,85").
- Protection paper roll diameter in exit 250 mm (9,85").

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. TECHNICAL DATA:

- 6.1. Installed power: 13.8 kW.
- 6.2. Average electric consumption: 9,2 kWh.
- 6.3. Compressed air pressure: 3-8 bar.
- 6.4. Mechanic speed: 0.1 ÷ 1.7 m/min.
- 6.5. Overall dimensions: width 3.300 mm (129,92"). length 950mm (37,40") height 1.450 mm (57,09").
- 6.6. Net weight: 1000 kg.
- 6.7. Machine produced according to CE rules.
- 6.8. Customs tariff: 84 51 80 30.

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