

MODEL C02-3000

Calender used for:

- Transfer printing
- Direct inks reactivation
- Thermosetting - heatsetting

1. CHARACTERISTICS OF THE HEATING CYLINDER:

- 1.1. Diameter : 200 mm (8").
- 1.2. Width : 3.000 mm (118").
- 1.3. Working width: 2.800 mm (110").

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. 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: axial unwinding with manual brake with and fabric brake.
 - Exit: tangential winding on felt.
- 3.2. Tension control for printing paper:
 - Entry: axial unwinding with disk brake with pneumatic adjustment.
 - Exit: motorized winding with pneumatic device for motion transmission.
- 3.3. Tension control for protection paper (option):
 - Entry: axial unwinding disk brake with pneumatic adjustment.
 - Exit: motorized winding with pneumatic device for motion transmission.

4. OTHER DEVICES INTO MACHINE:

- 4.1. NOMEX felt with pneumatic tension adjustment system and felt-centring device by means of motorized electric linear actuator.
- 4.2. Incorporated system of felt protection in case of black out and/or compressed air lack.
- 4.3. Meter-counter, with alarm to predetermine the length of production runs.
- 4.4. General management of the machine, including temperature control by adjustable PLC for the memorization of production data.
- 4.5. Front touch-screen keyboard for production data access and programming.

5. ROLLS DIAMETER MACHINE WITHOUT OPTIONS:

- Fabric roll diameter in entry 300 mm (11,81").
- Fabric roll diameter in exit 300 mm (11,81").
- Printing paper roll diameter in entry 250 mm (9,84") - Larger diameters on request.
- Printing paper roll diameter in exit 250 mm (9,84") - Larger diameters on request.
- Protection paper roll diameter in entry 250 mm (9,84").
- Protection paper roll diameter in exit 250 mm (9,84").

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: 17 kW
- 6.2. Average electric consumption: 10,4 kW/h
- 6.3. Compressed air pressure: 6-8 bar
- 6.4. Mechanic speed: 0.1 - 1.7 m/min
- 6.5. Overall dimensions: width 4.330 mm (170,47"). length 1.460 mm (57,5"). height 1.805 mm (71,1").
- 6.6. Net weight: 2.760 kg
- 6.7. Machine produced according to CE rules
- 6.8. Customs tariff: 84 51 80 30

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