

MODEL C02-1300

Special calender for pieces or continuous fabrics, used for:

- Transfer printing
- Direct inks reactivation
- Thermosetting - heatsetting

1. CHARACTERISTICS OF PRINTING CYLINDER:

- 1.1. Diameter: 200 mm (7,87").
- 1.2. Width: 1.300 mm (51,1").
- 1.3. Working Width: 1.150 mm (45,2").

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 by 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: brake with manual adjustment and fabric manual brake
 - Exit: tangential winding on felt
- 3.2. Tension control for printing paper in roll:
 - Entry: disk brake with manual adjustment
 - Exit: winding with manual adjustment device
- 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-centering 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 200 mm (8").
- Fabric roll diameter in exit 200 mm (8").
- Printing paper roll diameter in entry 200 mm (8") - Larger diameters on request.
- Printing paper roll diameter in exit 200 mm (8") - Larger diameters on request.
- Protection paper roll diameter in entry 200 mm (8").
- Protection paper roll diameter in exit 200 mm (8").

6. TECHNICAL DATA:

- 6.1. Installed power: 7 kW
- 6.2. Average electric consumption: 5 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 2.105 mm (82,7"). length 1.045 mm (41,1"). height 1.400 mm (55,1").
- 6.6. Net weight: 580 kg
- 6.7. Machine produced according to CE rules
- 6.8. Customs tariff: 84 51 80 30

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