

MODEL T02B-2000

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 : 200 mm (7,87").
- 1.2. Width : 2.000 mm (70,87").
- 1.3. Working Width: 1.800 mm (70,87").

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 touch screen and 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 in roll:
Entry: axial unwinding with manual brake.
Exit: axial motorised winding with pneumatic device for motion transmission from the main motor.
- 3.2. Tension control for printing paper in roll:
Entry: axial unwinding with disk brake with pneumatic adjustment.
Exit: axial motorised winding with pneumatic device for motion transmission from the main motor.
- 3.3. Tension control for protection paper:
Entry: axial unwinding with disk brake with pneumatic adjustment.
Exit: axial motorised winding with pneumatic device for motion transmission from the main motor.

4. OTHER DEVICES INTO MACHINE:

- 4.1. Short front working table, 800 mm.
- 4.2. Single motor.
- 4.3. NOMEX felt with pneumatic tension adjustment system and automatic felt-centering device.
- 4.4. Incorporated system of felt protection in case of black out and/or compressed air lack.
- 4.5. Meter-counter, with alarm to predetermine the length of production runs.
- 4.6. General management of the machine, including temperature control by adjustable PLC for the memorization of production data.
- 4.7. Front touch-screen keyboard for production data access and programming.
- 4.8. Lower transport belt motorized by the main motor.

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5. ROLLS DIAMETER MACHINE WITHOUT OPTIONS:

- Fabric roll diameter in entry 250 mm (9,84").
- Fabric roll diameter in exit 250 mm (9,84").
- 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").

6. TECHNICAL DATA:

- 6.1. Installed power: 14 kW.
- 6.2. Average electric consumption: 9,3 kWh.
- 6.3. Compressed air pressure: 3 - 8 bar.
- 6.4. Mechanic speed: 0.1 ÷ 1.7 m/min.
- 6.5. Overall dimensions (without front table): width 3.290 mm (129,53"). length 2.000 mm (78,74"). Height 1.440 mm (56,70").
- 6.6. Overall dimensions (without front table): width 3.290 mm (129,53"). length 1.200 mm (47,24"). Height 1.440 mm (56,70").
- 6.7. Net weight: 1.450 kg
- 6.8. Machine produced according to CE rules
- 6.9. Customs tariff: 84 51 80 30

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