

MODEL T10B-2200

Special calender for pieces or continuous fabrics, used for:

- Transfer printing
- Reactivation of direct inks
- Thermosetting

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: 1.000 mm (39,37")
- 1.2. Width: 2.200 mm (86,61").
- 1.3. Working Width: 2.000 mm (78,74").

2. HEATING SYSTEM AND TEMPERATURE CONTROL:

- 2.1. The cylinder is heated by resistors (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 regulated by a touch screen and regulated directly through 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: disk brake with pneumatic adjustment + fabric manual brake
 - Exit: independent motor, adjustable by potentiometer
- 3.2. Tension control for printing paper in roll:
 - Entry: disk brake with pneumatic adjustment
 - Exit: independent motor, adjustable by potentiometer
- 3.3. Tension control for protection paper:
 - Entry: disk brake with pneumatic adjustment
 - Exit: independent motor, adjustable by potentiometer

4. OTHER DEVICES INTO MACHINE:

- 4.1. Short front working table, 1500 mm (59")
- 4.2. Conveyor-belt for automatic unloading on the back of the machine
- 4.3. Independent motors with an electronic synchronization system
- 4.4. NOMEX felt with pneumatic tension adjustment system and automatic felt-centering device
- 4.5. Meter-counter, with alarm to predetermine the length of production runs
- 4.6. Incorporated system of felt protection in case of black out and/or compressed air lack
- 4.7. Machine general management, including temperature controls, controlled by a programmable PLC for the production data memorization
- 4.8. Front touch-screen keyboard for several access to many work programs

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5. ROLLS DIAMETER MACHINE WITHOUT OPTIONS:

- Fabric roll diameter in entry 400 mm (16").
- Fabric roll diameter in exit 400 mm (16").
- Printing paper roll diameter in entry 300 mm (12") - Larger diameters on request.
- Printing paper roll diameter in exit 500 mm (20") - Larger diameters on request.
- Protection paper roll diameter in entry 500 mm (20").
- Protection paper roll diameter in exit 500 mm (20").

6. TECHNICAL DATA:

6.1. Total Installed electrical power: 74 kW

"POWER" mode

- Installed power: 74 kW
- Average electric consumption: 48 kW/h

"ECONOMY" mode

- Installed power: 51 kW
- Average electric consumption: 33 kW/h

6.2. Compressed air pressure: 6-8 bar

6.3. Mechanic speed: 1 - 15 m/min

6.4. Overall dimensions (without front table): width 3.550 mm (139,76"). length 3.300 mm (130"). height 2.020 mm (79,52").

6.5. Net weight (without frontal table): 6.000 kg

6.6. Machine produced according to CE rules

6.7. Customs tariff: 84 51 80 30

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