MODEL T05B-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 : 500 mm (19,69").
   1.2. Width : 2.000 mm (78,74").
   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 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: winding per contact with conveyor-belt in exit
   3.2. Tension control for printing paper in roll:
      - Entry: disk brake with pneumatic adjustment
      - Exit: special motor with automatic constant tension, adjustable by potentiometer
   3.3. Tension control for protection paper:
      - Entry: disk brake with pneumatic adjustment
      - Exit: special motor with automatic constant tension, adjustable by potentiometer

4. OTHER DEVICES INTO MACHINE:
   4.1. Short front working table, 1200 mm
   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 tension adjustment system and automatic felt-centering device
   4.5. Incorporated system of felt protection in case of black out and/or compressed air lack
   4.6. Meter-counter, with alarm to predetermine the length of production runs
   4.7. General management of the machine, including temperature control by adjustable PLC for the memorization of production data
   4.8. Front touch-screen keyboard for several access to many work programs.

5. ROLLS DIAMETER MACHINE WITHOUT OPTIONS:
   - Fabric roll diameter in entry 300 mm (12").
   - Fabric roll diameter in exit 300 mm (12").

All data and technical features are purely indicative, subjected to changes without prior notice and refer to standard machines without options

MONTI ANTONIO
STANDARD & CUSTOM HEATING SOLUTIONS
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- Printing paper roll diameter in entry 300 mm (12") - Larger diameters on request.
- Printing paper roll diameter in exit 250 mm (10") - Larger diameters on request.
- Protection paper roll diameter in entry 400 mm (16").
- Protection paper roll diameter in exit 400 mm (16").

6. TECHNICAL DATA:
   6.1. Installed power: 29 kW
   6.2. Average electric consumption: 19 kW/h
   6.3. Compressed air pressure: 6-8 bar
   6.4. Mechanic speed: 0.5 – 7,5 m/min
   6.5. Overall dimensions (with front table): width 3.390 mm (133,5"). length 3.320 mm (131"). 1.620 mm (64").
   6.6. Net weight (with standard front table mm. 1.200): 2.900 kg
   6.7. Machine produced according to CE rules
   6.8. Customs tariff: 84 51 80 30

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