MODEL T08-2200

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 HEATING CYLINDER:
   1.1. Diameter: 800 mm (31,50").
   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 elements) 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: axial unwinding with disk brake with pneumatic adjustment and fabric manual brake
      - Exit: contact radial winding on exhausted printing paper
   3.2. Tension control for printing paper in roll:
      - Entry: axial unwinding with disk brake with pneumatic adjustment
      - Exit: independent motorization with control by potentiometer
   3.3. Tension control for protection paper:
      - Entry: axial unwinding with disk brake with pneumatic adjustment
      - Exit: independent motorization with control by potentiometer

4. OTHER DEVICES INTO MACHINE:
   4.1. Short front working table, 1500 mm (59,00")
   4.2. Independent motors with an electronic synchronization system
   4.3. NOMEX felt with pneumatic tension adjustment system and felt-centring device by means of motorized electric linear actuator
   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. Machine general management, including temperature controls, controlled by a programmable PLC for the production data memorization
   4.7. Front touch-screen keyboard for several access to many work programs.

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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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 300 mm (11,81") - Larger diameters on request.
   - Printing paper roll diameter in exit 400 mm (15,75") - Larger diameters on request.
   - Protection paper roll diameter in entry 400 mm (15,75").
   - Protection paper roll diameter in exit 400 mm (15,75").

6. TECHNICAL DATA:
   6.1. Installed power: 59,1 kW
   6.2. Average electric consumption: 40,2 kW/h
   6.3. Power in ECONOMY MODE: 41,1 kW
   6.4. Compressed air pressure: 6-8 bar
   6.5. Mechanic speed: 1 - 15 m/min
   6.6. Overall dimensions (with platform): width 3.750 mm (147,6"). length 4.480 mm (176,4"). height 2.290 mm (90.2").
   6.7. Net weight: 4.600 kg
   6.8. Machine produced according to CE rules
   6.9. Customs tariff: 84 51 80 30

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