

MODEL T10-2200

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 heating 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: axial unwinding with disk brake with pneumatic adjustment + fabric manual brake.
 - Exit: double roll tangential winding, possibility of soft or hard winding by transmission management, controlled by potentiometer.
- 3.2. Tension control for printing paper in roll:
 - Entry: axial unwinding with disk brake with pneumatic adjustment.
 - Exit: motorized independent axial winding with control by touch screen.
- 3.3. Tension control for protection paper:
 - Entry: axial unwinding with disk brake with pneumatic adjustment.
 - Exit: motorized independent axial winding with control by touch screen.

4. Other devices into machine:

- 4.1. Short front working table, 1500 mm (59,05").
- 4.2. Independent motors with an electronic synchronization system.
- 4.3. NOMEX felt with pneumatic tension adjustment system and felt-centring device with electromechanical sensor.
- 4.4. Meter-counter, with alarm to predetermine the length of production runs.
- 4.5. Incorporated system of felt protection in case of black out and/or compressed air lack.
- 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. Static mechanic paper separator.
- 4.9. Fumes aspiration system incorporated in the mouth in exit.

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

MODEL T10-2200

5. Rolls diameter machine without options:

- Fabric roll diameter in entry 400 mm (15,75").
- Fabric roll diameter in exit 400 mm (15,75").
- Printing paper roll diameter in entry 300 mm (11,81") - Larger diameters on request.
- Printing paper roll diameter in exit 300 mm (11,81") - Larger diameters on request.
- Protection paper roll diameter in entry 500 mm (19,68").
- Protection paper roll diameter in exit 500 mm (19,68").

6. Technical data:

- 6.1. Installed power: 75,23 kW.
- 6.2. Average electric consumption: 51,3 kWh.
- 6.3. Power in ECONOMY MODE: 29,63 kW.
- 6.3. Compressed air pressure: 6-8 bar.
- 6.4. Mechanic speed: 1 ÷ 15 m/min.
- 6.5. Overall dimensions: width 3.830 mm (150,79"). length 5.370 mm (211,42"). 2.500 mm (98,43").
- 6.6. Net weight: *to be confirmed*.
- 6.7. Machine produced according to CE rules.
- 6.8. Customs tariff: 84 51 80 30.

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

INNOVATION
SPEED
FLEXIBILITY
PROJECT&DESIGN
INSTALLATION AND ASSISTANCE



Monti Antonio S.p.A.
Head Office: via dell'Elettronica n°5, 36016 Thiene (VI) Italy
Operation and Administration: via della Fisica n°6, 36016 Thiene (VI) Italy
T. +39 0445 364619 +39 0445 364707 - sales@montiantonio.com
www.montiantonio.com