

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: 2.000 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 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

## MODEL T08-2000

### 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: 56,1 kW
- 6.2. Average electric consumption: 38,3 kW/h
- 6.3. Power in ECONOMY MODE: 39,1 kW
- 6.4. Compressed air pressure: 6-8 bar
- 6.5. Mechanic speed: 1 - 15 m/min
- 6.6. Overall dimensions (with platform): width 3.550 mm (139,76"). length 4.480 mm (176,4"). height 2.290 mm (90,2").
- 6.7. Net weight: 4.400 kg
- 6.8. Machine produced according to CE rules
- 6.9. Customs tariff: 84 51 80 30

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### 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:

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  - 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")
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- 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.

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## MODEL T08-2200

### 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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## MODEL T08B-2000

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- 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:
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- 4.1. Short front working table, 1500 mm (59,00")
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- 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: 56,9 kW
- 6.2. Average electric consumption: 39,0 kW/h
- 6.3. Power in ECONOMY MODE: 39,9 kW
- 6.3. Compressed air pressure: 6-8 bar
- 6.4. Mechanic speed: 1 - 15 m/min
- 6.5. Overall dimensions (with platform): width 3.550 mm (139,76"). length 4.480 mm (176,4"). height 2.290 mm (90.2").
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