

## MODEL C02-3600

Calender used for:

- Transfer printing
- Direct inks reactivation
- Thermosetting - heatsetting

### 1. CHARACTERISTICS OF THE HEATING CYLINDER:

- 1.1. Diameter : 200 mm (7,87").
- 1.2. Width : 3.600 mm (141,73").
- 1.3. Working width: 3.400 mm (133,86").

### 2. HEATING SYSTEM AND TEMPERATURE CONTROL:

- 2.1. The cylinder is heated by 2 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 set by a touch screen and is regulated by an electronic card. 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:
  - Entry: axial unwinding with manual brake with and fabric brake.
  - Exit: tangential winding on felt.
- 3.2. Tension control for printing paper:
  - Entry: axial unwinding with disk brake with pneumatic adjustment.
  - Exit: motorized winding with pneumatic device for motion transmission.
- 3.3. Tension control for protection paper:
  - Entry: axial unwinding disk brake with pneumatic adjustment.
  - Exit: motorized winding with pneumatic device for motion transmission.

### 4. OTHER DEVICES INTO MACHINE:

- 4.1. NOMEX felt with pneumatic tension adjustment system and felt-centring device by means of motorized electric linear actuator.
- 4.2. Incorporated system of felt protection in case of black out and/or compressed air lack.
- 4.3. Meter-counter, with alarm to predetermine the length of production runs.
- 4.4. General management of the machine, including temperature control by adjustable PLC for the memorization of production data.
- 4.5. Front touch-screen keyboard for production data access and programming.

### 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 250 mm (9,84") - Larger diameters on request.
- Printing paper roll diameter in exit 250 mm (9,84") - Larger diameters on request.
- Protection paper roll diameter in entry 250 mm (9,84").
- Protection paper roll diameter in exit 250 mm (9,84").

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

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### 6. TECHNICAL DATA:

- 6.1. Installed power: 19 kW
- 6.2. Average electric consumption: 12,75 kW/h
- 6.3. Power in ECONOMY MODE: 10 kW
- 6.4. Compressed air pressure: 6-8 bar
- 6.5. Mechanic speed: 0.1 - 1.7 m/min
- 6.6. Overall dimensions: width 4.930 mm (194,10"). length 1.460 mm (57,50"). height 1.805 mm (71,10").
- 6.7. Net weight: 2.950 kg
- 6.8. Machine produced according to CE rules
- 6.9. Customs tariff: 84 51 80 30

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INNOVATION  
SPEED  
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INSTALLATION AND ASSISTANCE



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