

## MODEL C03E-2000

Calender for:

- Transfer printing
- Direct inks reactivation
- Thermosetting

### 1. Characteristics of heating cylinder

- 1.1. Diameter : 350 mm (13,78").
- 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:
  - Entry: disk brake with pneumatic adjustment and fabric manual brake.
  - Exit: tangential rolling on the felt and roller driven by felt turn motion.
- 3.2. Tension control for printing paper:
  - Entry: disk brake with pneumatic adjustment.
  - Exit: axial motorised winding with pneumatic device for motion transmission from the main motor.
- 3.3. Tension control for protection paper:
  - Entry: disk brake with pneumatic adjustment
  - Exit: axial motorised winding with pneumatic device for motion transmission from the main motor.

### 4. Other devices into machine

- 4.1. NOMEX felt with pneumatic tension adjustment system and felt-centring device by electro-mechanic sensor.
- 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 several access to many work programs.
- 4.6. Fixed paper separator.

### 5. Rolls diameters 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: 19,67 kW.
- 6.2. Average electric consumption: 13,37 kWh.
- 6.3. Compressed air pressure: 4-8 bar.
- 6.4. Mechanic speed: 0,3 ÷ 4 m/min.
- 6.5. Overall dimensions: width 3.400 mm (133,86"). length 1.120 mm (44,09"). height 1.625 mm (63,98").
- 6.6. Net weight: *to be confirmed*.
- 6.7. Machine produced according to CE rules.
- 6.8. Customs tariff: 84 51 80 30.

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INNOVATION  
SPEED  
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INSTALLATION AND ASSISTANCE



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