

## MODEL C08-3000

Calender used for:

- Transfer printing
- Direct inks reactivation
- Thermosetting – heatsetting
- Heatsetting of “crush” effect

### 1. CHARACTERISTICS OF PRINTING CYLINDER:

- 1.1. Diameter : 800 mm (31,49”).
- 1.2. Width : 3.000 mm (118”)..
- 1.3. Working Width: 2.800 mm (110,2”).

### 2. HEATING SYSTEM AND TEMPERATURE CONTROL:

- 2.1. The cylinder is heated by resistors (heating element) per each side 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 by 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: independent motor, adjustable by potentiometer
- 3.2. Tension control for printing paper
  - Entry: disk brake with pneumatic adjustment.
  - Exit: independent motor with tension control by a touch screen
- 3.3. Tension control for protection paper
  - Entry: disk brake with pneumatic adjustment.
  - Exit: independent motor, adjustable by potentiometer

### 4. OTHER DEVICES INTO MACHINE:

- 4.1. Independent motors with an electronic synchronization system
- 4.2. NOMEX felt with tension adjustment system and automatic felt-centering device
- 4.3. Incorporated system for felt protection in case of black out and/or compressed air lack
- 4.4. Multifunctional electronic meter-counter, with alarm to predetermine the length of production runs
- 4.5. Temperature cooling system for printed fabric exit, complete with fan
- 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

### 5. ROLLS DIAMETER MACHINE WITHOUT OPTIONS:

- Fabric roll diameter in entry 400 mm (16”).
- Fabric roll diameter in exit 400 mm (16”).
- Printing paper roll diameter in entry 300 mm (12”) - Larger diameters on request.
- Printing paper roll diameter in exit 300 mm (12”) - Larger diameters on request.
- Protection paper roll diameter in entry 400 mm (16”).
- Protection paper roll diameter in exit 400 mm (16”).

### 6. TECHNICAL DATA:

- 6.1. Total Installed electrical power: 92 kW

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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### "POWER" mode

- Installed power: 92 kW
- Average electric consumption: 60 kW/h

### "ECONOMY" mode

- Installed power: 66 kW
- Average electric consumption: 43 kW/h

6.2. Compressed air pressure: 5-8 bar

6.3. Mechanic speed: 1 - 15 m/min

6.4. Overall dimensions (with platform): width 4.510 mm (177,5"). length 3.270 mm (128,74"). height 2.010 mm (79,13").

6.5. Net weight: 6.500 kg

6.6. Machine produced according to CE rules

6.7. Customs tariff: 84 51 80 30

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