

## MODEL C02RP-1800

Calender adapt for continuous fabrics:

- Transfer printing
- Direct inks reactivation
- Thermosetting – “crush” effect
- Sublimation printing (with options)

Polyvalent and versatile it is studied for pigment printing in the following working conditions:

- Paper in roll and material to be printed in roll

### 1. CHARACTERISTICS OF HEATING CYLINDER:

- 1.1. Diameter: 200 mm (7,87”).
- 1.2. Width: 1.800 mm (70,87”).
- 1.3. Working width: 1.650 mm (64,96”).

### 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 touch screen and regulated by an electronic thermostat and 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 disk brake with pneumatic adjustment.
  - Exit: motorized axial winding with pneumatic device for movement transmission of the main motor.
- 3.2. Tension control for printing paper:
  - Entry: axial unwinding with manual brake.
  - Exit: motorized axial winding with pneumatic device for movement transmission of the main motor.

### 4. OTHER DEVICES INTO MACHINE:

- 4.1. NOMEX felt with pneumatic tension adjustment system and felt-centring device by means of electromechanical 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 production data access and programming

### 5. ROLLS DIAMETER MACHINE WITHOUT OPTIONS:

- Fabric roll diameter in entry 250 mm (9,84”).
- Fabric roll diameter in exit 250 mm (9,84”).
- Printing paper roll diameter in entry 250 mm (9,84”).
- Printing paper roll diameter in exit 250 mm (9,84”).

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### 6. TECHNICAL DATA:

- 6.1. Installed power: 9,84 kW
- 6.2. Average electrical consumption: 6,70 kWh
- 6.3. Compressed air pressure: 4-8 bar
- 6.4. Mechanic speed: 0.1 ÷ 1,7 m/min
- 6.5. Overall dimensions: width 3.100 mm (122,05"). length 1.240 mm (48,82"). height 1.435 mm (56,50").
- 6.6. Net weight: 1.500 Kg
- 6.7. Machine produced according to CE rules
- 6.8. Customs tariff: 84 51 80 30

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