

## MODEL RP03-1800

Calender adapt for fabrics in continuous or in pieces (option):

- Transfer printing with pigment papers.
- Direct inks reactivation.
- Thermosetting – “crush” effect.
- Sublimation printing (option).

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

- Paper in roll and material to be printed in roll.

### 1. CHARACTERISTICS OF HEATING CYLINDER:

- 1.1. Diameter : 350 mm (13,78”).
- 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. Independent motors with an electronic synchronization system
- 4.2. NOMEX felt with pneumatic tension adjustment system and felt-centring device by means of motorized electric linear actuator.
- 4.3. Incorporated system of felt protection in case of black out and/or compressed air lack
- 4.4. Meter-counter, with alarm to predetermine the length of production runs
- 4.5. General management of the machine, including temperature control by adjustable PLC for the memorization of production data
- 4.6. 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”)- Larger diameters on request.
- Printing paper roll diameter in exit 250 mm (9,84”)- Larger diameters on request.

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

## MODEL RP03-1800

### 6. TECHNICAL DATA:

- 6.1. Installed power: 19,7 kW.
- 6.2. Average electrical consumption: 13,4 kWh.
- 6.3. Compressed air pressure: 3-8 bar.
- 6.4. Mechanic speed: 0.3 ÷ 4 m/min
- 6.5. Overall dimensions: width 3.210 mm (126,38"). length 1.580 mm (62,20"). height 1.720 mm (67,71").
- 6.6. Net weight: 2.200 kg
- 6.7. Machine produced according to CE rules
- 6.8. Customs tariff: 84 51 80 30

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

INNOVATION  
SPEED  
FLEXIBILITY  
PROJECT&DESIGN  
INSTALLATION AND ASSISTANCE



Monti Antonio S.p.A.  
Head Office: via dell'Electronica n°5, 36016 Thiene (VI) Italy  
Operation and Administration: via della Fisica n°6, 36016 Thiene (VI) Italy  
T. +39 0445 364619 +39 0445 364707 - sales@montiantonio.com  
[www.montiantonio.com](http://www.montiantonio.com)