



Calender used for:

- Transfer printing
- Direct inks reactivation
- Thermosetting - heatsetting

## 1. Characteristics of printing cylinder:

- 1.1. Diameter : 200 mm (8").
- 1.2. Width : 3.000 mm (118").
- 1.3. Working width: 2.700 mm (106")./ 2.800 mm (110").

## 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 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: mechanic brake with manual adjustment and fabric manual brake
  - Exit: tangential winding on felt
- 3.2. Tension control for printing paper:
  - Entry: disk brake with pneumatic adjustment.
  - Exit: winding by means pneumatic friction
- 3.3. Tension control for protection paper (option):
  - Entry: disk brake with pneumatic adjustment.
  - Exit: winding through pneumatic friction

## 4. Other devices into machine:

- 4.1. Independent motors with electronic synchronization system
- 4.2. NOMEX felt with tension adjustment system and automatic felt-centering device
- 4.3. Incorporated system of felt protection in case of black out and/or compressed air lack

## 5. Technical data

- 5.1. Installed power: 17 kw/h
- 5.2. Average electric consumption: 11 kw/h
- 5.3. Compressed air pressure: 6-8 bar
- 5.4. Mechanic speed: 0.1 - 1.7 m/min

All data and technical features are purely indicative and subjected to changes without prior notice



## MODEL 72 - 3000



- 5.5. Overall dimensions: width 4.110 mm (162"), length 1.375 mm (54"), height 1.675 mm (66").
- 5.6. Net weight: 2.400 kg
- 5.7. Machine produced according to CE rules
- 5.8. Customs tariff: 84 51 80 30

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