

## MODEL 99



Special calender for pieces or continuous fabrics, used for :

- Transfer printing
- Reactivation of direct inks
- Thermosetting

Versatile and polyvalent calender, developed for transfer printing of all the follows work conditions, according to required options:

- Printing paper in roll and material to be printed in roll
- Printing paper in roll and material to be printed in pieces
- Printing paper in sheets and material to be printed in pieces

### 1. Characteristics of printing cylinder:

- 1.1. Diameter : 1.000 mm (39,37")
- 1.2. Width : 2.200 mm (86,61").
- 1.3. Working Width: 2.000 mm (78,74").

### 2. Heating system and temperature control:

- 2.1. The cylinder is heated by three resistors (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 regulated 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 in roll:
  - Entry: disk brake with pneumatic adjustment + fabric manual brake
  - Exit: independent motor, adjustable by potentiometer
- 3.2. Tension control for printing paper in roll:
  - Entry: disk brake with pneumatic adjustment
  - Exit: independent motor, adjustable by potentiometer
- 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. Short front working table, 1200 mm
- 4.2. Conveyor-belt for automatic unloading on the back of the machine
- 4.3. Independent motors with a electronic synchronization system
- 4.4. NOMEX felt with tension adjustment system and automatic felt-centering device

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

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- 4.5. Incorporated system of felt protection in case of black out and/or compressed air lack
- 4.6. Machine general management, including temperature controls, controlled by a programmable PLC for the production data memorization
- 4.7. Front touch-screen keyboard for several access to many work programs

### 5. Technical data:

- 5.1. Installed power: 74 kw
- 5.2. Average electric consumption: 48 kw/h
- 5.3. Compressed air pressure: 6-8 bar
- 5.4. Mechanic speed: 1 - 15 m/min
- 5.5. Overall dimensions (without front table) : width 3.550 mm (139,76"). length 3.300 mm (130"). height 2.020 mm (79,52").
- 5.6. Net weight (without frontal table): 6.000 kg
- 5.7. Machine produced according to CE rules
- 5.8. Customs tariff: 84 51 80 30

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INNOVATION  
SPEED  
FLEXIBILITY  
PROJECT&DESIGN  
INSTALLATION AND ASSISTANCE



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