

## MODEL 901 - 2000



Calender used for:

- Transfer printing
- Direct inks reactivation
- Thermosetting - heatsetting

### 1. Characteristics of printing cylinder:

- 1.1. Diameter : 350 mm (13,78").
- 1.2. Width : 2.000 mm (78,74").
- 1.3. Working width: 1.600 mm (62,99") / 1.800 mm (70,87").

### 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 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, 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. Independent motors with a 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
- 4.4. Front touch-screen keyboard for production data access and programming

### 5. Technical data

- 5.1. Installed power: 23 kw/h
- 5.2. Average electrical consumption: 15 kw/h
- 5.3. Compressed air pressure: 6-8 bar

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

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- 5.4. Mechanic speed: 0.3 - 4 m/min
- 5.5. Overall dimensions: width 3.400 mm (133,86") length 1.350 mm (53,15"). height 1.700 mm (66,93").
- 5.6. Net weight: 1.985 kg
- 5.7. Machine produced according to EC rules
- 5.8. Customs tariff: 84 51 80 30

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