

## MODEL 980 - 3000



Calender used for:

- Transfer printing
- Direct inks reactivation
- Thermosetting – heatsetting
- Heatsetting of “crush” effect

### 1. Characteristics of printing cylinder:

- 1.1. Diameter : 800 mm (31,49”).
- 1.2. Width : 3.000 mm (118”)..
- 1.3. Working Width: 2.600 mm (102,3”) / 2.800 mm (110,2”).

### 2. Heating system and temperature control:

- 2.1. The cylinder is heated by one resistor (heating element) per each side 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 regulated by 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
  - 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 with tension control by a touch screen
- 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. Worm screw for curled selvages opening
- 4.4. Incorporated system for felt protection in case of black out and/or compressed air lack
- 4.5. Multifunctional electronic meter-counter, with alarm to predetermine the length of production runs
- 4.6. Temperature cooling system for printed fabric exit, complete with fan
- 4.7. Front touch-screen keyboard for production data access and programming

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



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### 5. Technical data

- 5.1. Installed power: 91 kw/h
- 5.2. Average electric consumption: 59 kw/h
- 5.3. Compressed air pressure: 5-8 bar
- 5.4. Mechanic speed: 0.3 - 15 m/min
- 5.5. Overall dimensions (with platform): width 4.510 mm (177,5"). length 2.300 mm (90,55"). height 2.010 mm (79,13").
- 5.6. Net weight: 6.400 kg
- 5.7. Machine produced according to EC rules
- 5.8. Customs tariff: 84 51 80 30

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