

MODEL 980 - 2000



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 : 2.000 mm (78,74”)..
- 1.3. Working Width: 1.800 mm (70,87”).

2. Heating system and temperature control:

- 2.1. The cylinder is heated by 1 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. Incorporated system for felt protection in case of black out and/or compressed air lack
- 4.4. Multifunctional electronic meter-counter, with alarm to predetermine the length of production runs
- 4.5. Temperature cooling system for printed fabric exit, complete with fan
- 4.6. 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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Monti Antonio S.p.A.
Head Office: via dell'Elettronica n°5, 36016 Thiene (VI) Italy
Operation and Administration: viale della Fisica n°6, 36016 Thiene (VI) Italy
T. +39 0445 364619 – F. +39 0445 364033
sales@montiantonio.com – www.montiantonio.com

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5. Technical data:

- 5.1. Installed power: 57,5 kw
- 5.2. Average electric consumption: 38 kw
- 5.3. Compressed air pressure: 5-8 bar
- 5.4. Mechanic speed: 1 - 15 m/min
- 5.5. Overall dimensions: width 3.510 mm (138"), length 3.270 mm (128,74"), height 2.010 mm (79,13").
- 5.6. Net weight: 5.000 kg
- 5.7. Machine produced according to CE rules
- 5.8. Customs tariff: 84 51 80 30

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