

MODEL 91 - 3000



Calender used for:

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

1. Characteristics of printing cylinder:

1.1. Diameter : 500 mm (19,69”)

1.2. Width : 3.000 mm (118,11”).

1.3. Working Width: 2.600 mm (102,36”) / 2.800 mm (110,24”).

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 the touch screen and regulated by an electronic card. The temperature controls 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, adjustable by the 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: 41 kw/h
- 5.2. Average electric consumption: 27 kw/h
- 5.3. Compressed air pressure: 6-8 bar
- 5.4. Mechanic speed: 0.5 - 7.5 m/min
- 5.5. Overall dimensions (with platform): width 4.410 mm (173,62"). length 3.150 mm (124,02"). height 2.280 mm (89,76").
- 5.6. Net weight: 5.500 kg
- 5.7. Machine produced according to EC rules
- 5.8. Customs tariff: 84 51 80 30

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Monti Antonio S.p.A.
Via dell'Elettronica n°5
36016 Thiene (VI) - Italy

Tel. +39 0445 364619
Fax. +39 0445 364033
sales@montiantonio.com
www.montiantonio.com

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