

MODEL 901 - 3000



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 : 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 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 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 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. Worm screw for curled selvages opening
- 4.4. Incorporated system of felt protection in case of black out and/or compressed air lack
- 4.5. Front touch-screen keyboard for production data access and programming

5. Technical data:

- 5.1. Installed power: 34 kw/h
- 5.2. Average electrical consumption: 22 kw/h

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



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5.3. Compressed air pressure: 6-8 bar

5.4. Mechanic speed: 0.3 - 4 m/min

5.5. Overall dimensions: width 4.450 mm (17,52"). length 1.800 mm (70,87"). height 2.100 mm (82,68").

5.6. Net weight: 4.100 kg

5.7. Machine produced according to CE rules

5.8. Customs tariff: 84 51 80 30

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