



Calender used for:

- Transfer printing
- Direct inks reactivation
- Thermosetting - heatsetting
- Film/web thermobonding
- Plastification and coating with film
- Metallization and gold lamination
- Transfer of special effects (es.: snake skin)
- Embossing using release paper
- Heatsetting of "crush" effect
- Application of "black out" films and barriers

1. Characteristics of printing cylinder:

- 1.1. Diameter : 500 mm (19,69").
- 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 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 up by the touch screen and regulated by an electronic card. The temperature control is equipped with an 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 motorization, adjustable by a 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:

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

MODEL 91 - 2000 IP



- 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

5. Technical data:

- 5.1. Installed power: 35 kw
- 5.2. Average electric consumption: 23 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 3.370 mm (132,67"). length 3.065 mm (120,66"). height 2.100 mm (82,68").
- 5.6. Net weight: 4.000 kg
- 5.7. Machine produced according to EC rules
- 5.8. Customs tariff: 84 51 80 30

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INNOVATION
SPEED
FLEXIBILITY
PROJECT&DESIGN
INSTALLATION AND ASSISTANCE



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