

MODEL 902IP - 2000



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 : 1.000 mm (39,37").
- 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 three resistors (heating elements) 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 it is regulated by an electronic card. 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 adjustable by touch screen
- 3.3. Tension control for protection paper:
 - Entry: disk brake with automatic adjustment
 - Exit: independent motor, adjustable by potentiometer

4. OTHER DEVICES INTO MACHINE:

- 4.1. Independent motors with an electronic synchronization system
- 4.2. NOMEX felt with pneumatic 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. 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. General management of the machine, including temperature control by adjustable PLC for the memorization of production data
- 4.7. Front touch-screen keyboard for production data access and programming

5. TECHNICAL DATA:

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

MODEL 902IP - 2000



- 5.1. Installed power: 74 kw
- 5.2. Average electric consumption: 48 kw/h
- 5.3. Compressed air pressure: 6-8 bar
- 5.4. Mechanic speed: 1 - 20 m/min
- 5.5. Overall dimensions (with platform): width 3.400 mm (133,86"). length 3.845 mm (151,3"). height 2.015 mm (79,33").
- 5.6. Net weight: 6.750 kg
- 5.7. Machine produced according to EC rules
- 5.8. Customs tariff: 84 51 80 30

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

INNOVATION
SPEED
FLEXIBILITY
PROJECT&DESIGN
INSTALLATION AND ASSISTANCE



Monti Antonio S.p.A.
Head Office: via dell'Electronica 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