

MODEL 902 - 5200



Calender used for:

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

1. Characteristics of printing cylinder:

1.1. Diameter : 1.000 mm (39,37”).

1.2. Width : 5.200 mm (204,72”).

1.3. Working width: 4.800 mm (188,97”) / 5.000 mm (196,85”).

2. Heating system and temperature control:

2.1. The cylinder is heated by three resistors (heating elements) 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 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

1.1. Tension control for printing material:

- Entry: disk brake with pneumatic adjustment and fabric manual brake
- Exit: independent motor, adjustable by potentiometer

1.2. Tension control for printing paper:

- Entry: disk brake with pneumatic adjustment.
- Exit: independent motor, with tension control adjustable by touch screen

1.3. Tension control for protection paper:

- Entry: disk brake with automatic adjustment
- Exit: independent motor, adjustable by potentiometer

2. Other devices into machine

2.1. Independent motors with a electronic synchronization system

2.2. NOMEX felt with tension adjustment system and automatic felt-centering device

2.3. Worm screw for curled selvages opening

2.4. Incorporated system for felt protection in case of black out and/or compressed air lack

2.5. Multifunctional electronic meter-counter, with alarm to predetermine the length of production runs

2.6. Temperature cooling system for printed fabric exit, complete with fan

2.7. 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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4. Technical data

- 4.1. Installed power: 165 kw/h
- 4.2. Average electric consumption: 110 kw/h
- 4.3. Compressed air pressure: 6-8 bar
- 4.4. Mechanic speed: 1 - 20 m/min
- 2.8. Overall dimensions (with platform): width 6.600 mm (259,84"). length 2.520 mm (99,21"). height 2.020 mm (79,52").
- 4.5. Net weight: 15.000 kg
- 4.6. Machine produced according to EC rules
- 4.7. Customs tariff: 84 51 80 30

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