

## MODEL 902 - 4400



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 : 4.400 mm (173,23”).

1.3. Working width: 4.000 mm (157,48”) / 4.200 mm (165,35”).

### 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

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 with adjustable with 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 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: 142 kw/h
- 5.2. Average electric consumption: 94 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 5.800 mm (228,35"). length 2.520 mm (99,21"). height 2.020 mm (79,52").
- 5.6. Net weight: 13.000 kg
- 5.7. Machine produced according to EC rules
- 5.8. Customs tariff: 84 51 80 30

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