

## MODEL N10-750

Calender for ribbons and continuous narrow fabric, used for:

- Transfer printing
- Direct inks reactivation
- Thermosetting - heatsetting

### 1. CHARACTERISTICS OF PRINTING CYLINDER:

- 1.1. Diameter: 1.000 mm (39,37").
- 1.2. Width: 750 mm (29,53").
- 1.3. Working width: 650 mm (25,59").

### 2. HEATING SYSTEM AND TEMPERATURE CONTROL:

- 2.1. The cylinder is heated by 3 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 is regulated by mean 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: little rolls with teflon discs.
  - Exit: n°6 independent rolls to place ribbons into appropriate boxes
- 3.2. Tension control for printing paper:
  - Entry: little rolls with teflon discs (option: unwinder for digital printing paper)
  - Exit: roll with special motor with automatic constant tension, complete with frictioned rings, pneumatically controlled
- 3.3. Tension control for protection paper:
  - Entry: pneumatic brake
  - Exit: special motor with automatic constant tension

### 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. Meter-counter, with alarm to predetermine the length of production runs
- 4.4. Slamer roll in entry for ribbons coming from boxes
- 4.5. Incorporated system of felt protection in case of black out and/or lack of compressed air
- 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:

- 5.1. Installed power: 38.5 kw
- 5.2. Average electrical consumption: 25 kw/h
- 5.3. Compressed air pressure: 6-8 bar
- 5.4. Mechanic speed: 1 - 20 m/min
- 5.5. Overall dimensions: width 2.123 mm (83,58"). length 4.990 mm (196,45"). height 2.560 mm (100,78").
- 5.6. Net weight: 2.700 kg
- 5.7. Machine produced according to CE rules
- 5.8. Customs tariff: 84 51 80 30

All data and technical features are purely indicative, subjected to changes without prior notice and refer to standard machines without options