# MODEL N05-750

Calender for ribbons and continuous narrow fabric, used for:

- Transfer printing
- Direct inks reactivation
- Thermosetting - heatsetting

1. CHARACTERISTICS OF PRINTING CYLINDER:
   1.1. Diameter: 500 mm (19,7").
   1.2. Width: 750 mm (29,53").
   1.3. Working width: 650 mm (25,6").

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 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: little rolls with PVC separator discs.
      - Exit: n°6 independent rolls to place ribbons into appropriate boxes, single independent motorization.
   3.2. Tension control for printing paper:
      - Entry: little rolls with PVC separator discs (option: axial unwinder for digital printing paper).
      - Exit: special motorized roll with frictioned rings, pneumatically controlled
   3.3. Tension control for protection paper:
      - Entry: axial unwinding with disk brake, pneumatically controlled.
      - Exit: axial winding with independent motor and adjustment 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 felt-centring device by means of electromechanical sensor.
   4.3. Slamer roll in entry for ribbons coming from boxes.
   4.4. Incorporated system of felt protection in case of black out and/or compressed air lack.
   4.5. Meter-counter, with alarm to predetermine the length of production runs.
   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 several access to many work programs.

5. ROLLS DIAMETER MACHINE WITHOUT OPTIONS:
   - Fabric roll diameter in entry 250 mm (9,84").
   - Fabric roll diameter in exit 250 mm (9,84").
   - Printing paper roll diameter in entry 250 mm (9,84").
   - Printing paper roll diameter in exit 250 mm (9,84").
   - Protection paper roll diameter in entry 250 mm (9,84").
   - Protection paper roll diameter in exit 250 mm (9,84").

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



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6. TECHNICAL DATA:
6.1. Installed power: 14 kW.
6.2. Average electrical consumption: 9,8 kW/h.
6.3. Compressed air pressure: 6-8 bar
6.4. Mechanic speed: 1 - 15 m/min
6.5. Overall dimensions: width 2.130 mm (83,86"). length 4.310 mm (169,70"). height 2.510 mm (98,82").
6.6. Net weight: 1.255 kg
6.7. Machine produced according to CE rules
6.8. Customs tariff: 84 51 80 30

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