

MODEL C03-2600

Calender adapt for continuous fabrics:

- Transfer printing
- Direct inks reactivation
- Thermosetting - heatsetting

1. CHARACTERISTICS OF HEATING CYLINDER:

- 1.1. Diameter : 350 mm (13,78").
- 1.2. Width : 2.600 mm (102,36").
- 1.3. Working width: 2.400 mm (94,49").

2. HEATING SYSTEM AND TEMPERATURE CONTROL:

- 2.1 The cylinder is heated by one resistor (heating element) 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 touch screen and regulated by an electronic thermostat and 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: axial unwinding with disk brake with pneumatic adjustment and fabric manual brake.
- Exit: double roll tangential winding, with possibility of soft or hard winding by transmission management, control by potentiometer.

3.2. Tension control for printing paper:

- Entry: axial unwinding with disk brake with pneumatic adjustment.
- Exit: axial winding with independent motor, adjustable by touch-screen.

3.3. Tension control for protection paper:

- Entry: axial unwinding with disk brake with pneumatic adjustment.
- Exit: axial winding with independent motor, adjustable by touch-screen.

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 motorized electric linear actuator.
- 4.3. Incorporated system of 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. General management of the machine, including temperature control by adjustable PLC for the memorization of production data.
- 4.6. Front touch-screen keyboard for production data access and programming.
- 4.7. Fixed paper separator.

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") - Larger diameters on request.
- Printing paper roll diameter in exit 250 mm (9,84") - Larger diameters on request.
- Protection paper roll diameter in entry 300 mm (11,81").
- Protection paper roll diameter in exit 300 mm (11,81").

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

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6. TECHNICAL DATA:

- 6.1. Installed power: 26,24 kW.
- 6.2. Average electrical consumption: 18,26 kWh.
- 6.3. Compressed air pressure: 6-8 bar.
- 6.4. Mechanic speed: 0.3 ÷ 4 m/min.
- 6.5. Overall dimensions: width 4.000 mm (157,5"). length 1.725 mm (67,91"). height 1.780 mm (70,10").
- 6.6. Net weight: 2.350 kg
- 6.7. Machine produced according to CE rules
- 6.8. Customs tariff: 84 51 80 30

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INNOVATION
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