

MODEL C05E-2000

Calender adapt for continuous fabrics:

- Transfer printing
- Direct inks reactivation
- Thermosetting – heatsetting

1. CHARACTERISTICS OF HEATING CYLINDER:

- 1.1. Diameter : 500 mm (19,68").
- 1.2. Width : 2.000 mm (78,74").
- 1.3. Working Width: 1.800 mm (70,87").

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 up by the touch screen and regulated by 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: 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: motorized winding with pneumatic device for motion transmission.
- 3.3. Tension control for protection paper:
 - Entry: axial unwinding with disk brake with pneumatic adjustment.
 - Exit: motorized winding with pneumatic device for motion transmission.

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 for felt protection in case of black out and/or compressed air lack.
- 4.4. Multifunctional electronic 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 400 mm (15,75").
- Fabric roll diameter in exit 400 mm (15,75").
- 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 400 mm (15,75").
- Protection paper roll diameter in exit 400 mm (15,75").

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6. TECHNICAL DATA:

- 6.1. Installed power: 30,62 kW.
- 6.2. Average electric consumption: 20,75 kWh.
- 6.3. Compressed air pressure: 6-8 bar
- 6.4. Mechanic speed: 0.5 ÷ 7.5 m/min
- 6.5. Overall dimensions: width 3.430 mm (135,04"). length 1.860 mm (73,23"). height 1.850 mm (72,83").
- 6.6. Net weight: 2.765 kg
- 6.7. Machine produced according to CE rules
- 6.8. Customs tariff: 84 51 80 30



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