

MODEL C15-3000

Calender adapt for continuous fabrics:

- Transfer printing
- Direct inks reactivation
- Thermosetting – heatsetting

1. CHARACTERISTICS OF HEATING CYLINDER:

- 1.1. Diameter : 1.500 mm (59,05”).
- 1.2. Width : 3.000 mm (118,11”).
- 1.3. Working width: 2.800 mm (110,24”).

2. HEATING SYSTEM AND TEMPERATURE CONTROL:

- 2.1. The cylinder is heated by 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. 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: 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 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 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. Temperature cooling system for printed fabric exit, complete with fan.
- 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.
- 4.8. Pneumatic 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 400 mm (15,75”) - Larger diameters on request.
- Printing paper roll diameter in exit 400 mm (15,75”) - Larger diameters on request.
- Protection paper roll diameter in entry 500 mm (19,68”).
- Protection paper roll diameter in exit 500 mm (19,68”).

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6. TECHNICAL DATA:

6.1. Total Installed electrical power: 157,8 kW

6.2. Average electric consumption: 105,3 kWh

6.3. Power in ECONOMY MODE: 107,8 kW

6.4. Compressed air pressure: 6-8 bar

6.5. Mechanic speed: 1.5 ÷ 30 m/min

6.6. Overall dimensions (with platform): width 4.620 mm (181,89"). length 4.220 mm (166,14"). height 2.590 mm (101,97").

6.7. Net weight: 14.000 Kg

6.8. Machine produced according to CE rules

6.9. Customs tariff: 84 51 80 30

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