

## MODEL C15-2000

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 : 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 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 movable 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”).

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. Total Installed electrical power: 97 kW
- 6.2. Average electric consumption: 65,5 kWh
- 6.3. Power in ECONOMY MODE: 67 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 3.620 mm (142,52"). length 4.220 mm (166,14"). height 2.590 mm (101,97").
- 6.7. Net weight: 10.440 Kg
- 6.8. Machine produced according to CE rules
- 6.9. Customs tariff: 84 51 80 30

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INNOVATION  
SPEED  
FLEXIBILITY  
PROJECT&DESIGN  
INSTALLATION AND ASSISTANCE



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