

## MODEL I10-2000

Machine for:

- impregnation
- Inks reactivation

### 1. HEATING CYLINDER'S CHARACTERISTICS:

- 1.1. Diameter: 1000 mm (39,37").
- 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 regulated 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 material to be treated:
  - Entry: axial unwinding with disk brake with pneumatic adjustment and fabric manual brake
  - Exit: independent double-roller tangential winding, possibility of «soft» or «hard» winding by transmission management, potentiometer control

### 4. OTHER DEVICES INTO MACHINE:

- 4.1. Independent motors with an electronic synchronization system
- 4.2. Meter-counter, with alarm to predetermine the length of production runs
- 4.3. General management of the machine, including temperature control by adjustable PLC for the memorization of production data
- 4.4. Removable and interchangeable AISI 304 tank for impregnation liquid
- 4.5. Recirculation system of the impregnating liquid
- 4.6. Squeezer with rubberized rollers, one of which is stationary motorized and one is idle and controlled by pneumatic pistons
- 4.7. Fumes hood with condensate separation
- 4.8. Front touch-screen keyboard for production data access and programming

### 5. ROLLS DIAMETER MACHINE WITHOUT OPTIONS:

- Fabric roll diameter in entry 400 mm (15,75").
- Fabric roll diameter in exit 400 mm (15,75").

### 6. TECHNICAL DATA:

- 6.1. Installed power: 88,10 kW
- 6.2. Average electric consumption: 58,49 kW/h
- 6.3. Power in ECONOMY MODE: 59,9 kW
- 6.4. Compressed air pressure: 6-8 bar
- 6.5. Mechanic speed: 0.5 ÷ 10 m/min
- 6.6. Overall dimensions: to be confirmed
- 6.7. Net weight: to be confirmed
- 6.8. Machine produced according to CE rules
- 6.9. Customs tariff: 84 51 80 80

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