



## L03

### KALANDRA ZA LAMINACIJU I BONDIRANJE

Polyvalent calender used for:

- Transfer printing
- Direct inks reactivation
- Thermosetting - heatsetting
- Film/web thermobonding
- Plastification and coating with film
- Transfer printing of polyurethane, PVC and synthetic leather
- Metallization and gold lamination
- Transfer of special effects (es.: snake skin)
- Embossing using release paper
- Heatsetting of "crush" effect
- Application of "black out" films and barriers

#### 1. CHARACTERISTICS OF PRINTING CYLINDER:

- 1.1. Diameter : 350 mm (13,78")
- 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 diathermic 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 card. The temperature control is equipped with an alarm system and a limitation system of maximum temperature (230 °C).

## MODEL L03-2000

### 3. TENSION CONTROLS:

#### 3.1. Tension control for printing or bonding material:

- Entry: pneumatic brake and fabric manual brake
- Exit: independent motor, adjustable by potentiometer

#### 3.2. Tension control for printing paper or fusing film:

- Entry: disk brake with pneumatic adjustment.
- Exit: independent motor, adjustable by potentiometer

#### 3.3. Tension control for protection paper:

- Entry: disk brake with pneumatic adjustment.
- Exit: independent motor, adjustable by potentiometer

### 4. OTHER DEVICES OF THE MACHINE:

#### 4.1. Silicone upper pressing cylinder. Adjustable pneumatic pressure

#### 4.2. Independent motors with electronic synchronization system

#### 4.3. NOMEX felt with pneumatic tension adjustment system and automatic felt-centering device

#### 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. Incorporated system for felt protection in case of black out and/or compressed air lack

#### 4.7. Front touch-screen keyboard for production data access and programming

### 5. TECHNICAL DATA:

#### 5.1. Installed power: 22 kW

#### 5.2. Average electrical consumption: 16 kW/h

#### 5.3. Compressed air pressure: 6-8 bar

#### 5.4. Mechanic speed: 0.3 – 4 m/min

#### 5.5. Overall dimensions: width 3.400 mm (133,89") . length 1.500 mm (59"). height 1.940 mm (76,37").

#### 5.6. Net weight: 2.250 kg

#### 5.7. Machine produced according to CE rules

#### 5.8. 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



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