

## MODEL 71



Polyvalent calender for ribbons and continuous narrow fabric, 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

### 1. Characteristics of printing cylinder:

- 1.1. Diameter : 500 mm ( 19,69" )
- 1.2. Width : 750 mm (29,53").
- 1.3. Working width: 650 mm (25,59").

### 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 by a touch screen and 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:
  - Entry: little rolls with teflon discs.
  - Exit: n°6 independent rolls to place ribbons into appropriate boxes
- 3.2. Tension control for printing paper:
  - Entry: little rolls with teflon discs (option: unwinder for digital printing paper)
  - Exit: roll with special motor complete with frictioned rings, pneumatically controlled
- 3.3. Tension control for protection paper:
  - Entry: pneumatic brake
  - Exit: special motor adjustable with potentiometer

### 4. Other devices into machine:

- 4.1. Silicone upper pressing cylinder. Adjustable pneumatic pressure
- 4.2. Independent motors with a electronic synchronization system
- 4.3. NOMEX felt with tension adjustment system and automatic felt-centering device
- 4.4. Slamer roll in entry for ribbons coming from boxes

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- 4.5. Incorporated system of felt protection in case of black out and/or lack of compressed air
- 4.6. Interface touch-screen keyboard for users in front of the machine for various production data access and programming.

### 5. Technical data:

- 5.1. Installed power: 15 kw
- 5.2. Average electrical consumption: 10 kw/h
- 5.3. Compressed air pressure: 6-8 bar
- 5.4. Mechanic speed: 1 - 15 m/min
- 5.5. Overall dimensions: width 1.790 mm (70,47"). length 3.780 mm (148,82"). height 2.475 mm (97,44").
- 5.6. Net weight: 1.300 kg
- 5.7. Machine produced according to CE rules
- 5.8. Customs tariff: 84 51 80 30

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