

## MODEL 906 SP



SPECIAL CALENDER WITH HYDRAULIC PRESSURE for the application of:

- Metallization foils
  - Special effects, "paillettes", thermo transfer films (ex. Snake, lacquer, craked effect, pull-up, glossy effect)
  - Foils pre – coated with glue
  - Microdots foils ( brinatura effect, total or parcial lamination)
- onto knitted and woven fabrics as well as other substrates in continuous.

According to selected optional, the machine is also ideal for the following applications:

- Transfer printing
- Direct inks reactivation
- Thermosetting - heatsetting
- Film/web thermobonding
- Plastification and coating with film
- Transfer printing of polyurethane, PVC and synthetic leather
- Embossing using release paper
- Heatsetting of "crush" effect
- Application of "black out" films and barriers

### 1. CHARACTERISTICS OF PRINTING CYLINDER:

- 1.1. Diameter : 1.000 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 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 touch-screen and regulated by mean an electronic thermostat and equipped with an alarm system and a limitation system of maximum temperature (230 °C).

### 3. TENSION CONTROLS:

- 3.1. Tension control for printing or bonding material:
  - Lower entry: disk brake with pneumatic adjustment
  - Upper entry: motorization adjustable
  - Exit: independent motor with tension adjustable
- 3.2. Tension control for printing paper or fusing film:
  - Entry: disk brake with pneumatic adjustment.
  - Exit: independent motor with tension adjustable
- 3.3. Tension control for protection paper:

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- Entry: disk brake with pneumatic adjustment.
- Exit: independent motor with tension adjustable

#### 4. OTHER DEVICES OF THE MACHINE:

- 4.1. Silicone upper pressing cylinder. Adjustable hydraulic pressure.
- 4.2. Decimal calibration distance between pressing cylinder and heated cylinder.
- 4.3. Independent motors with electronic synchronization system
- 4.4. Multifunctional electronic meter-counter, with alarm to predetermine the length of production runs
- 4.5. Front touch-screen keyboard for production data access and programming

#### 5. TECHNICAL DATA:

- 5.1 Installed power: 78 kw
- 5.2 Average electrical consumption: 51 kw/h
- 5.3 Compressed air pressure: 6-8 bar
- 5.4 Mechanic speed: 1 – 20 m/min
- 5.5 Overall dimensions (with front platform): width 3.615 mm (142,30"). length 3.790 mm (149,20"). height 2.000 mm (78,74").
- 5.6 Net weight: 8.560 kg
- 5.7 Machine produced according to CE rules
- 5.8 Customs tariff: 84 51 80 30

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