

## MODEL N03-300

Calender for ribbons and continuous narrow fabric, used for:

- Transfer printing
- Direct inks reactivation
- Thermosetting - heatsetting

### 1. CHARACTERISTICS OF HEATING CYLINDER:

- 1.1. Diameter: 300 mm (11,81")
- 1.2. Width: 300 mm (11,81")
- 1.3. Working width: 250 mm (9,84")

### 2. HEATING SYSTEM AND TEMPERATURE CONTROL:

The cylinder is heated by a ceramic resistance: it transmits heating to the roll by conduction.

The temperature of the cylinder is regulated by an electronic thermostat and equipped with temperature alarm system and a limitation system of maximum temperature (230 °C).

### 3. TENSION CONTROLS:

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

- Entry: n°2 fix axles Ø 15 mm with 2 separator discs for each one, in PVC
- Exit: n°3 fix axles to place ribbons into appropriate boxes

#### 3.2. Tension control for printing paper:

- Entry: unwinding axle for cores Ø 76,2 mm (3"), with pressure adjustment, manual brake for rolling friction
- Exit: winding axle for cores Ø 76,2 mm (3"), with pressure adjustment, motorized with couple management, with manual regulation.

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

- Entry: unwinding axle for cores Ø 76,2 mm (3"), with pressure adjustment, manual brake for rolling friction
- Exit: winding axle for cores Ø 76,2 mm (3"), with pressure adjustment, motorized with couple management, with manual regulation.

### 4. OTHER DEVICES INTO MACHINE:

- 4.1. Single motor
- 4.2. NOMEX felt with tension adjustment system and manual felt-centring device
- 4.3. Straightening roll in entry for ribbons coming from boxes
- 4.4. Incorporated system of felt protection in case of black out
- 4.5. Pivoting wheels (two of them with pedal brake) placed on machine base for an easier handling.

### 5. ROLLS DIAMETER MACHINE WITHOUT OPTION:

- Fabric roll diameter in entry 300 mm (11,81").
- Direct discharge.
- Printing paper roll diameter in entry 200 mm (7,87").
- Printing paper roll diameter in exit 200 mm (7,87").
- Protection paper roll diameter in entry 200 mm (7,87").
- Protection paper roll diameter in exit 200 mm (7,87").

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6. TECHNICAL DATA:
  - 6.1. Installed power: 3.5 kW
  - 6.2. Average electrical consumption: 2.5 KW/h
  - 6.3. Mechanic speed: 0.3 - 3 m/min
  - 6.4. Overall dimensions (without straightening roll): width: 920 mm (36,22"). length 1.520 mm (59,84"). height 1.570 mm (61,80").
  - 6.5. Overall dimensions (with straightening roll): width 920 mm (36,22"). length 1.660 (65,35"). height 2.250 mm (88,60").
  - 6.6. Net weight (without straightening roll): 245 Kg
  - 6.7. Net weight (with straightening roll): 260 Kg
  - 6.8. Machine produced according to CE rules
  - 6.9. Customs tariff: 84 51 80 30

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