

MODEL T03-1800

Special calender for pieces or continuous fabrics, used for:

- Transfer printing
- Direct inks reactivation
- Thermosetting - heatsetting

Versatile and polyvalent calender, developed for transfer printing of all the follows work conditions, according to required options:

- Printing paper in roll and material to be printed in roll
- Printing paper in roll and material to be printed in pieces
- Printing paper in sheets and material to be printed in pieces

1. CHARACTERISTICS OF HEATING CYLINDER:

- 1.1. Diameter : 350 mm (13,78").
- 1.2. Width : 1.800 mm (70,87").
- 1.3. Working Width: 1.650 mm (65")

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 the touch screen and regulated by an electronic sheet. The temperature control is equipped with an alarm system and a limitation system of maximum temperature (230 °C).

3. TENSION CONTROLS:

- 3.1. Tension control for printing material in roll:
 - Entry: axial unwinding with manual brake
 - Exit: winding per contact with roll in exit
- 3.2. Tension control for printing paper in roll:
 - Entry: axial unwinding with disk brake with pneumatic adjustment
 - Exit: axial motorised winding with pneumatic device for motion transmission from the main motor
- 3.3. Tension control for protection paper:
 - Entry: axial unwinding with disk brake with pneumatic adjustment
 - Exit: axial motorised winding with pneumatic device for motion transmission from the main motor

4. OTHER DEVICES INTO MACHINE:

- 4.1. Short front working table, 800 mm
- 4.2. Single motor
- 4.3. NOMEX felt with tension adjustment system and automatic felt-centring device
- 4.4. Incorporated system of felt protection in case of black out and/or compressed air lack
- 4.5. Meter-counter, with alarm to predetermine the length of production runs
- 4.6. General management of the machine, including temperature control by adjustable PLC for the memorization of production data
- 4.7. Front touch-screen keyboard for production data access and programming

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

MODEL T03-1800

5. ROLLS DIAMETER MACHINE WITHOUT OPTIONS:

- Fabric roll diameter in entry 300 mm (11,81").
- Fabric roll diameter in exit 300 mm (11,81").
- Printing paper roll diameter in entry 250 mm (9,84") - Larger diameters on request.
- Printing paper roll diameter in exit 250 mm (9,84") - Larger diameters on request.
- Protection paper roll diameter in entry 300 mm (11,81").
- Protection paper roll diameter in exit 300 mm (11,81").

6. TECHNICAL DATA:

- 6.1. Installed power: 19,67 kW
- 6.2. Average electric consumption: 13,37 kW/h
- 6.3. Compressed air pressure: 4-8 bar
- 6.4. Mechanic speed: 0.3 - 4 m/min
- 6.5. Overall dimensions (with front table): width 3.210 mm (126,38"). length 2.440 mm (96,10"). height 1.625 mm (63,98").
- 6.6. Net weight: 1.800 kg
- 6.7. Machine produced according to CE rules
- 6.8. Customs tariff: 84 51 80 30

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MODEL T03B-1800

Special calender for pieces or continuous fabrics, used for:

- Transfer printing
- Direct inks reactivation
- Thermosetting - heatsetting

Versatile and polyvalent calender, developed for transfer printing of all the follows work conditions, according to required options:

- Printing paper in roll and material to be printed in roll
- Printing paper in roll and material to be printed in pieces
- Printing paper in sheets and material to be printed in pieces

1. CHARACTERISTICS OF HEATING CYLINDER:

- 1.1. Diameter : 350 mm (13,78").
- 1.2. Width : 1.800 mm (70,87").
- 1.3. Working Width: 1.650 mm (65")

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 the touch screen and regulated by an electronic sheet. The temperature control is equipped with an alarm system and a limitation system of maximum temperature (230 °C).

3. TENSION CONTROLS:

- 3.1. Tension control for printing material in roll:
 - Entry: axial unwinding with manual brake
 - Exit: winding per contact with roll in exit
- 3.2. Tension control for printing paper in roll:
 - Entry: axial unwinding with disk brake with pneumatic adjustment
 - Exit: axial motorised winding with pneumatic device for motion transmission from the main motor
- 3.3. Tension control for protection paper:
 - Entry: axial unwinding with disk brake with pneumatic adjustment
 - Exit: axial motorised winding with pneumatic device for motion transmission from the main motor

4. OTHER DEVICES INTO MACHINE:

- 4.1. Short front working table, 800 mm
- 4.2. Single motor
- 4.3. NOMEX felt with tension adjustment system and automatic felt-centring device
- 4.4. Incorporated system of felt protection in case of black out and/or compressed air lack
- 4.5. Meter-counter, with alarm to predetermine the length of production runs
- 4.6. General management of the machine, including temperature control by adjustable PLC for the memorization of production data
- 4.7. Front touch-screen keyboard for production data access and programming
- 4.8. Conveyor belt for automatic discharge on the back of the machine

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MODEL T03B-1800

5. ROLLS DIAMETER MACHINE WITHOUT OPTIONS:

- Fabric roll diameter in entry 300 mm (11,81").
- Fabric roll diameter in exit 300 mm (11,81").
- Printing paper roll diameter in entry 250 mm (9,84") - Larger diameters on request.
- Printing paper roll diameter in exit 250 mm (9,84") - Larger diameters on request.
- Protection paper roll diameter in entry 300 mm (11,81").
- Protection paper roll diameter in exit 300 mm (11,81").

6. TECHNICAL DATA:

- 6.1. Installed power: 19,67 kW
- 6.2. Average electric consumption: 13,37 kW/h
- 6.3. Compressed air pressure: 4-8 bar
- 6.4. Mechanic speed: 0.3 - 4 m/min
- 6.5. Overall dimensions (with front table): width 3.210 mm (126,38"). length 2.440 mm (96,10"). height 1.625 mm (63,98").
- 6.6. Net weight: 1.850 kg
- 6.7. Machine produced according to CE rules
- 6.8. Customs tariff: 84 51 80 30

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MODEL T03B-2000

Special calender for pieces or continuous fabrics, used for:

- Transfer printing
- Direct inks reactivation
- Thermosetting - heatsetting

Versatile and polyvalent calender, developed for transfer printing of all the follows work conditions, according to required options:

- Printing paper in roll and material to be printed in roll
- Printing paper in roll and material to be printed in pieces
- Printing paper in sheets and material to be printed in pieces

1. CHARACTERISTICS OF HEATING CYLINDER:

- 1.1. Diameter: 350 mm (13,78").
- 1.2. Width: 2.000 mm (78,70").
- 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 set by the touch screen and regulated by an electronic sheet. The temperature control is equipped with an alarm system and a limitation system of maximum temperature (230 °C).

3. TENSION CONTROLS:

- 3.1. Tension control for printing material in roll:
 - Entry: axial unwinding with disk brake with pneumatic adjustment and fabric brake
 - Exit: winding per contact with conveyor-belt in exit
- 3.2. Tension control for printing paper in roll:
 - Entry: axial unwinding with disk brake with pneumatic adjustment
 - Exit: independent motorized axial winding controlled by touch-screen
- 3.3. Tension control for protection paper:
 - Entry: axial unwinding with disk brake with pneumatic adjustment
 - Exit: independent motorized axial winding controlled by touch-screen

4. OTHER DEVICES INTO MACHINE:

- 4.1. Short front working table, 800 mm
- 4.2. Conveyor-belt for automatic unloading on the back of the machine
- 4.3. Independent motors with an electronic synchronization system
- 4.4. NOMEX felt with tension adjustment system and automatic felt-centering device
- 4.5. Incorporated system of felt protection in case of black out and/or compressed air lack
- 4.6. Meter-counter, with alarm to predetermine the length of production runs
- 4.7. General management of the machine, including temperature control by adjustable PLC for the memorization of production data
- 4.8. Front touch-screen keyboard for production data access and programming

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MODEL T03B-2000

5. ROLLS DIAMETER MACHINE WITHOUT OPTIONS:

- Fabric roll diameter in entry 250 mm (9,84").
- Fabric roll diameter in exit 250 mm (9,84").
- Printing paper roll diameter in entry 250 mm (9,84") - Larger diameters on request.
- Printing paper roll diameter in exit 250 mm (9,84") - Larger diameters on request.
- Protection paper roll diameter in entry 250 mm (9,84").
- Protection paper roll diameter in exit 250 mm (9,84").

6. TECHNICAL DATA:

- 6.1. Installed power: 20,77 kW
- 6.2. Average electric consumption: 14,47 kW/h
- 6.3. Compressed air pressure: 4-8 bar
- 6.4. Mechanic speed: 0.3 - 4 m/min
- 6.5. Overall dimensions (with front table): width 3.410 mm (134,25"). length 2.440 mm (96,10"). height 1.625 mm (63,98").
- 6.6. Net weight: 2.350 kg
- 6.7. Machine produced according to CE rules
- 6.8. Customs tariff: 84 51 80 30

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