MODEL T02-1300

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 PRINTING CYLINDER:
1.1. Diameter: 200 mm (7,87").
1.2. Width: 1.300 mm (51,1").
1.3. Working Width: 1.150 mm (45,2").

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. Temperature of the cylinder is set by the touch screen and regulated by an electronic card. The temperature controls equipped with temperature alarm system and a limitation system of maximum temperature (230 °C).

3. TENSION CONTROLS:
3.1. Tension control for printing material in roll:

- Entry: brake with manual adjustment
- Exit: winding with manual adjustment device

3.2. Tension control for printing paper in roll:

- Entry: disk brake with manual adjustment
- Exit: winding with manual adjustment device

3.3. Tension control for protection paper:

- Entry: disk brake with manual adjustment
- Exit: winding with manual adjustment device

4. OTHER DEVICES INTO MACHINE:
4.1. Short front working table, 800 mm
4.2. Single motor
4.3. NOMEX felt with manual tension adjustment system and automatic felt-centering 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

5. ROLLS DIAMETER MACHINE WITHOUT OPTIONS:

- Fabric roll diameter in entry 200 mm (8″).
- Fabric roll diameter in exit 200 mm (8″).
- Printing paper roll diameter in entry 150 mm (6″) - Larger diameters on request.
- Printing paper roll diameter in exit 150 mm (6″) - Larger diameters on request.
- Protection paper roll diameter in entry 200 mm (8″).
- Protection paper roll diameter in exit 200 mm (8″).

6. TECHNICAL DATA:

6.1. Installed power: 7 kW
6.2. Average electric consumption: 5 kW/h
6.3. Compressed air pressure: 3 - 8 bar
6.4. Mechanic speed: 0.1 - 1.7 m/min
6.5. Overall dimensions (with front table): width 2.115 mm (83″). length 1.905 mm (75″). height 1.235 mm (49″).
6.6. Net weight: 640 kg
6.7. Machine produced according to CE rules
6.8. Customs tariff: 84 51 80 30

MONTI ANTONIO®
STANDARD & CUSTOM HEATING SOLUTIONS

Special calender for pieces or continuous fabrics, used for:

- Transfer printing
- Direct inks reactivation
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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 : 200 mm (7,87").
1.2. Width : 1.800 mm (70,87").
1.3. Working Width: 1.650 mm (66,9")

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 card. The temperature controls equipped with temperature 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: axial motorised winding with pneumatic device for motion transmission from the main motor
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 pneumatic tension adjustment system and automatic felt-centering 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

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: 10 kW

6.2. Average electric consumption: 6,7 kW/h

6.3. Compressed air pressure: 3 - 8 bar

6.4. Mechanic speed: 0.1 - 1.7 m/min

6.5. Overall dimensions (with front table): width 3.090 mm (121,65"). length 1.835 mm (72.24"). height 1.440 mm (56,70").

6.6. Net weight: 1.050 kg

6.7. Machine produced according to CE rules

6.8. Customs tariff: 84 51 80 30

MODEL T02-2000

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 : 200 mm (7,87").
1.2. Width : 2.000 mm (78,74").
1.3. Working Width: 1.850 (72,83'').

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 is 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 printing material in roll:
Entry: axial unwinding with manual brake
Exit: axial motorised winding with pneumatic device for motion transmission from the main motor
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 pneumatic tension adjustment system and automatic felt-centering 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

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: 14 kW

6.2. Average electric consumption: 9,3 kW/h

6.3. Compressed air pressure: 3 - 8 bar

6.4. Mechanic speed: 0.1 - 1.7 m/min

6.5. Overall dimensions (with front table): width 3.290 mm (129,53"). length 2.000 mm (78.74"). height 1.440 mm (56,70").

6.6. Net weight: 1.300 kg

6.7. Machine produced according to CE rules

6.8. Customs tariff: 84 51 80 30

MODEL T02B-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 PRINTING CYLINDER:
   1.1. Diameter : 200 mm (7,87").
   1.2. Width : 2.000 mm (70,87").
   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 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 printing material in roll:
      - Entry: brake with manual adjustment
      - Exit: winding with pneumatic device
   3.2. Tension control for printing paper in roll:
      - Entry: disk brake with pneumatic adjustment
      - Exit: winding with pneumatic device
   3.3. Tension control for protection paper:
      - Entry: disk brake with pneumatic adjustment
      - Exit: winding with pneumatic device

4. OTHER DEVICES INTO MACHINE:
   4.1. Short front working table, 800 mm
   4.2. Conveyor belt for automatic discharge on the back of the machine
   4.3. Single motor
   4.4. NOMEX felt with pneumatic 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

5. ROLLS DIAMETER MACHINE WITHOUT OPTIONS:
   - Fabric roll diameter in entry 250 mm (10").
   - Fabric roll diameter in exit 250 mm (10").
   - Printing paper roll diameter in entry 250 mm (10") - Larger diameters on request.
   - Printing paper roll diameter in exit 250 mm (10") - Larger diameters on request.
   - Protection paper roll diameter in entry 250 mm (10").
   - Protection paper roll diameter in exit 250 mm (10").

6. TECHNICAL DATA:
   6.1. Installed power: 14 kW
   6.2. Average electric consumption: 10 kW/h
   6.3. Compressed air pressure: 3 - 8 bar
   6.4. Mechanic speed: 0.1 - 1.7 m/min
   6.5. Overall dimensions (with front table): width 3.080 mm (121,25"). length 2.035 mm (80"). height 1.425 mm (56").
   6.6. Net weight: 1.450 kg
   6.7. Machine produced according to CE rules
   6.8. Customs tariff: 84 51 80 30