MODEL T05-2000

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 : 500 mm (19,69").
   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 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 directly through an electronic sheet. 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: disk brake with pneumatic adjustment + fabric manual brake
      - Exit: winding per contact with roll in exit
   3.2. Tension control for printing paper in roll:
      - Entry: disk brake with pneumatic adjustment
      - Exit: winding on aluminum shaft dragged by the main engine and equipped of pneumatic clutch
   3.3. Tension control for protection paper:
      - Entry: disk brake with pneumatic adjustment
      - Exit: winding on aluminum shaft dragged by the main engine and equipped of pneumatic clutch

4. OTHER DEVICES INTO MACHINE:
   4.1. Autonomous (independent) motors with an electronic synchronization system.
   4.2. NOMEX felt with tension adjustment system and automatic felt-centring device
   4.3. Incorporated system of felt protection in case of black out and/or compressed air lack
   4.4. Meter-counter, with alarm to predetermine the length of production runs
   4.5. General management of the machine, including temperature control by adjustable PLC for the memorization of production data
   4.6. Front touch-screen keyboard for several access to many work programs.
   4.7. Short front working table, 1200 mm

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 300 mm (11,81") - Larger diameters on request.
   - Printing paper roll diameter in exit 300 mm (11,81") - Larger diameters on request.
   - Protection paper roll diameter in entry 400 mm (15,75").
   - Protection paper roll diameter in exit 400 mm (15,75").

6. TECHNICAL DATA:
   6.1. Installed power: 25 kW
   6.2. Average electric consumption: 17 kW/h
   6.3. Compressed air pressure: 6÷8 bar
   6.4. Mechanic speed: 0.5 – 7,5 m/min
   6.5. Overall dimensions (with front table): width 3.400 mm (133,86"). length 3.250 mm (138,58"). height 1.820 mm (71,65").
   6.6. Net weight (with standard front table): 3.050 Kg
   6.7. Machine produced according to CE rules
   6.8. Customs tariff: 84 51 80 30

MODEL T05B-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 : 500 mm (19,69").
   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 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 directly through an electronic sheet. 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: disk brake with pneumatic adjustment + fabric manual brake
      - Exit: winding per contact with conveyor-belt in exit
   3.2. Tension control for printing paper in roll:
      - Entry: disk brake with pneumatic adjustment
      - Exit: special motor with automatic constant tension, adjustable by potentiometer
   3.3. Tension control for protection paper:
      - Entry: disk brake with pneumatic adjustment
      - Exit: special motor with automatic constant tension, adjustable by potentiometer

4. OTHER DEVICES INTO MACHINE:
   4.1. Short front working table, 1200 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 several access to many work programs.

5. ROLLS DIAMETER MACHINE WITHOUT OPTIONS:
   - Fabric roll diameter in entry 300 mm (12").
   - Fabric roll diameter in exit 300 mm (12").
   - Printing paper roll diameter in entry 300 mm (12") - Larger diameters on request.
   - Printing paper roll diameter in exit 250 mm (10") - Larger diameters on request.
   - Protection paper roll diameter in entry 400 mm (16").
   - Protection paper roll diameter in exit 400 mm (16").

6. TECHNICAL DATA:
   6.1. Installed power: 29 kW
   6.2. Average electric consumption: 19 kW/h
   6.3. Compressed air pressure: 6-8 bar
   6.4. Mechanic speed: 0.5 – 7,5 m/min
   6.5. Overall dimensions (with front table): width 3.390 mm (133,5"). length 3.320 mm (131"). 1.620 mm (64").
   6.6. Net weight (with standard front table mm. 1.200): 2.900 kg
   6.7. Machine produced according to CE rules
   6.8. Customs tariff: 84 51 80 30

MODEL T05B-2200

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 : 500 mm (19,69").
   1.2. Width : 2.200 mm (86,61").
   1.3. Working Width: 2.000 mm (78,74").

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 directly through an electronic sheet. 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: disk brake with pneumatic adjustment + fabric manual brake
      - Exit: winding per contact with conveyor-belt in exit
   3.2. Tension control for printing paper in roll:
      - Entry: disk brake with pneumatic adjustment
      - Exit: special motor with automatic constant tension, adjustable by potentiometer
   3.3. Tension control for protection paper:
      - Entry: disk brake with pneumatic adjustment
      - Exit: special motor with automatic constant tension, adjustable by potentiometer

4. OTHER DEVICES INTO MACHINE:
   4.1. Short front working table, 1200 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 several access to many work programs.

5. ROLLS DIAMETER MACHINE WITHOUT OPTIONS:
   - Fabric roll diameter in entry 300 mm (12").
   - Fabric roll diameter in exit 300 mm (12").
   - Printing paper roll diameter in entry 300 mm (12") - Larger diameters on request.
   - Printing paper roll diameter in exit 250 mm (10") - Larger diameters on request.
   - Protection paper roll diameter in entry 400 mm (16").
   - Protection paper roll diameter in exit 400 mm (16").

6. TECHNICAL DATA:
   6.1. Installed power: 32 kW
   6.2. Average electric consumption: 21 kW/h
   6.3. Compressed air pressure: 6-8 bar
   6.4. Mechanic speed: 0.5 – 7,5 m/min
   6.5. Overall dimensions (with front table): width 3.590 mm (141"). length 3.265 mm (128,54"). height 1.620 mm (64").
   6.6. Net weight (with standard front table mm. 1.200): 3.150 kg
   6.7. Machine produced according to CE rules
   6.8. Customs tariff: 84 51 80 30