

MODEL C02-1300

Special calender for pieces or continuous fabrics, used for:

- Transfer printing
- Direct inks reactivation
- Thermosetting - heatsetting

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. The temperature of the cylinder is set by a touch screen and regulated by 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: brake with manual adjustment and fabric manual brake
 - Exit: tangential winding on felt
- 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: tangential winding on felt

4. OTHER DEVICES INTO MACHINE:

- 4.1. Single motor
- 4.2. NOMEX felt with pneumatic tension adjustment system and automatic felt-centering 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 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 200 mm (8") - Larger diameters on request.
- Printing paper roll diameter in exit 200 mm (8") - Larger diameters on request.
- Protection paper roll diameter in entry 200 mm (8").
- Protection paper roll diameter in exit 200 mm (8").

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

MODEL C02-1300

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: width 2.105 mm (82,7"). length 1.045 mm (41,1"). height 1.400 mm (55,1").
- 6.6. Net weight: 580 kg
- 6.7. Machine produced according to CE rules
- 6.8. Customs tariff: 84 51 80 30

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



CALENDER used for:

- Transfer printing
- Direct inks reactivation
- Thermosetting - heatsetting

1. CHARACTERISTICS OF PRINTING CYLINDER:

- 1.1. Diameter : 200 mm (7,87").
- 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 a touch screen and is regulated by an electronic card with tolerance. 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:
 - Entry: brake with manual adjustment and manual textile tensioner
 - Exit: tangential winding on felt
- 3.2. Tension control for printing paper:
 - Entry: disk brake with manual adjustment.
 - Exit: winding on aluminium shaft pulled by the main motor and equipped with pneumatic clutch
- 3.3. Tension control for protection paper:
 - Entry: disk brake with manual adjustment.
 - Exit: tangential winding on felt

4. OTHER DEVICES INTO MACHINE:

- 4.1. Single motor
- 4.2. NOMEX felt with pneumatic 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 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 200 mm (8") - Larger diameters on request.
- Protection paper roll diameter in entry 250 mm (10").
- Protection paper roll diameter in exit 250 mm (10").

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

MODEL C02-1800

6. TECHNICAL DATA:

- 6.1. Installed power: 10 kW
- 6.2. Average electric consumption: 6 kW/h
- 6.3. Compressed air pressure: 3-8 bar
- 6.4. Mechanic speed: 0.1 - 1.7 m/min
- 6.5. Overall dimensions: width 3.100 mm (122"), length 995 mm (39") height 1.600 mm (63").
- 6.6. Net weight: 920 kg
- 6.7. Machine produced according to CE rules
- 6.8. Customs tariff: 84 51 80 30

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



CALENDER used for:

- Transfer printing
- Direct inks reactivation
- Thermosetting - heatsetting

1. CHARACTERISTICS OF PRINTING CYLINDER:

- 1.1. Diameter : 200 mm (7,87").
- 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 is regulated by an electronic card with tolerance. 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:
 - Entry: brake with manual adjustment and manual textile tensioner
 - Exit: tangential winding on felt
- 3.2. Tension control for printing paper:
 - 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: tangential winding on felt

4. OTHER DEVICES INTO MACHINE:

- 4.1. Single motor
- 4.2. NOMEX felt with pneumatic 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 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 200 mm (8") - Larger diameters on request.
- Protection paper roll diameter in entry 250 mm (10").
- Protection paper roll diameter in exit 250 mm (10").

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

MODEL C02-2000

6. TECHNICAL DATA:

- 6.1. Installed power: 14 kW
- 6.2. Average electric consumption: 9 kW/h
- 6.3. Compressed air pressure: 3-8 bar
- 6.4. Mechanic speed: 0.1 - 1.7 m/min
- 6.5. Overall dimensions: width 3.100 mm (122,04"). length 1.275 mm (50,20") height 1.485 mm (58,46").
- 6.6. Net weight: 1000 kg
- 6.7. Machine produced according to CE rules
- 6.8. Customs tariff: 84 51 80 30

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



Calender used for:

- Transfer printing
- Direct inks reactivation
- Thermosetting - heatsetting

1. CHARACTERISTICS OF HEATING CYLINDER:

- 1.1. Diameter : 200 mm (7,87").
- 1.2. Width : 2.600 mm (102,36").
- 1.3. Working width: 2.400 mm (94,49").

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 material to be printed:
 - Entry: axial unwinding with manual brake with and fabric brake.
 - Exit: tangential winding on felt.
- 3.2. Tension control for printing paper:
 - Entry: axial unwinding with disk brake with pneumatic adjustment.
 - Exit: motorized winding with pneumatic device for motion transmission.
- 3.3. Tension control for protection paper:
 - Entry: axial unwinding disk brake with pneumatic adjustment.
 - Exit: motorized winding with pneumatic device for motion transmission.

4. OTHER DEVICES INTO MACHINE:

- 4.1. NOMEX felt with pneumatic tension adjustment system and felt-centring device by means of electromechanical sensor.
- 4.2. Incorporated system of felt protection in case of black out and/or compressed air lack.
- 4.3. Meter-counter, with alarm to predetermine the length of production runs.
- 4.4. General management of the machine, including temperature control by adjustable PLC for the memorization of production data.
- 4.5. Front touch-screen keyboard for production data access and programming.

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 250 mm (9,84").
- Protection paper roll diameter in exit 250 mm (9,84").

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

MODEL C02-2600

6. TECHNICAL DATA:

- 6.1. Installed power: 16 kW
- 6.2. Average electric consumption: 10,8 kW/h
- 6.3. Compressed air pressure: 6-8 bar
- 6.4. Mechanic speed: 0.1 - 1.7 m/min
- 6.5. Overall dimensions: width 3.930 mm (154,72"). length 1.460 mm (57,5"). height 1.805 mm (71,1").
- 6.6. Net weight: 2.390 kg
- 6.7. Machine produced according to CE rules
- 6.8. Customs tariff: 84 51 80 30

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



Calender used for:

- Transfer printing
- Direct inks reactivation
- Thermosetting - heatsetting

1. CHARACTERISTICS OF THE HEATING CYLINDER:

- 1.1. Diameter : 200 mm (7,87").
- 1.2. Width : 3.000 mm (118,11").
- 1.3. Working width: 2.800 mm (110,24").

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:
 - Entry: axial unwinding with manual brake with and fabric brake.
 - Exit: tangential winding on felt.
- 3.2. Tension control for printing paper:
 - Entry: axial unwinding with disk brake with pneumatic adjustment.
 - Exit: motorized winding with pneumatic device for motion transmission.
- 3.3. Tension control for protection paper (option):
 - Entry: axial unwinding disk brake with pneumatic adjustment.
 - Exit: motorized winding with pneumatic device for motion transmission.

4. OTHER DEVICES INTO MACHINE:

- 4.1. NOMEX felt with pneumatic tension adjustment system and felt-centring device by means of motorized electric linear actuator.
- 4.2. Incorporated system of felt protection in case of black out and/or compressed air lack.
- 4.3. Meter-counter, with alarm to predetermine the length of production runs.
- 4.4. General management of the machine, including temperature control by adjustable PLC for the memorization of production data.
- 4.5. Front touch-screen keyboard for production data access and programming.
- 4.6. Fixed paper separator.

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 250 mm (9,84").
- Protection paper roll diameter in exit 250 mm (9,84").

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

MODEL C02-3000

6. TECHNICAL DATA

- 6.1. Installed power: 17,6 kW
- 6.2. Average electric consumption: 102 kWh
- 6.3. Compressed air pressure: 6-8 bar
- 6.4. Mechanic speed: 0.1 ÷ 1.7 m/min
- 6.5. Overall dimensions: width 4.330 mm (170,47"). length 1.460 mm (57,50"). height 1.805 mm (71,06").
- 6.6. Net weight: 2.760 kg
- 6.7. Machine produced according to CE rules
- 6.8. Customs tariff: 84 51 80 30

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



Calender used for:

- Transfer printing
- Direct inks reactivation
- Thermosetting - heatsetting

1. CHARACTERISTICS OF THE HEATING CYLINDER:

- 1.1. Diameter : 200 mm (7,87").
- 1.2. Width : 3.600 mm (141,73").
- 1.3. Working width: 3.400 mm (133,86").

2. HEATING SYSTEM AND TEMPERATURE CONTROL:

- 2.1. The cylinder is heated by 2 resistors (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:
 - Entry: axial unwinding with manual brake with and fabric brake.
 - Exit: tangential winding on felt.
- 3.2. Tension control for printing paper:
 - Entry: axial unwinding with disk brake with pneumatic adjustment.
 - Exit: motorized winding with pneumatic device for motion transmission.
- 3.3. Tension control for protection paper:
 - Entry: axial unwinding disk brake with pneumatic adjustment.
 - Exit: motorized winding with pneumatic device for motion transmission.

4. OTHER DEVICES INTO MACHINE:

- 4.1. NOMEX felt with pneumatic tension adjustment system and felt-centring device by means of motorized electric linear actuator.
- 4.2. Incorporated system of felt protection in case of black out and/or compressed air lack.
- 4.3. Meter-counter, with alarm to predetermine the length of production runs.
- 4.4. General management of the machine, including temperature control by adjustable PLC for the memorization of production data.
- 4.5. Front touch-screen keyboard for production data access and programming.
- 4.6. Fixed paper separator.

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 250 mm (9,84").
- Protection paper roll diameter in exit 250 mm (9,84").

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

MODEL C02-3600

6. TECHNICAL DATA:

- 6.1. Installed power: 19,6 kW
- 6.2. Average electric consumption: 13,3 kWh
- 6.3. Power in ECONOMY MODE: 10,6 kW
- 6.4. Compressed air pressure: 6-8 bar
- 6.5. Mechanic speed: 0.1 ÷ 1.7 m/min
- 6.6. Overall dimensions: width 4.930 mm (194,10"). length 1.460 mm (57,50"). height 1.805 mm (71,06").
- 6.7. Net weight: 2.950 kg
- 6.8. Machine produced according to CE rules
- 6.9. Customs tariff: 84 51 80 30

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

