

## MODEL 858-2200



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 : 800 mm (31,49").
- 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 resistors (heating elements) 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: independent motorization with control by potentiometer
- 3.2. Tension control for printing paper in roll:
  - Entry: disk brake with pneumatic adjustment
  - Exit: independent motorization with control by potentiometer
- 3.3. Tension control for protection paper:
  - Entry: disk brake with pneumatic adjustment
  - Exit: independent motorization with control by potentiometer

### 4. OTHER DEVICES INTO MACHINE:

- 4.1. Short front working table, 1500 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. Machine general management, including temperature controls, controlled by a programmable PLC for the production data memorization
- 4.8. Front touch-screen keyboard for several access to many work programs.

### 5. TECHNICAL DATA:

Total Installed electrical power: 60 Kw

All data and technical features are purely indicative and subjected to changes without prior notice

## MODEL 858-2200



### 5.1. "POWER" modality

- Installed power: 60 kw
- Average electric consumption: 39 kw/h

### "ECONOMY" modality

- Installed power: 42 kw
- Average electric consumption: 27 kw/h

5.2. Compressed air pressure: 6-8 bar

5.3. Mechanic speed: 1 – 15 m/min

5.4. Overall dimensions (with front table): width 3.610 mm (142"). length 4.475 mm (176"). height 1.950 mm (77").

5.5. Net weight (without front table): 4.600 kg

5.6. Machine produced according to CE rules

5.7. Customs tariff: 84 51 80 30

All data and technical features are purely indicative and subjected to changes without prior notice

INNOVATION  
SPEED  
FLEXIBILITY  
PROJECT&DESIGN  
INSTALLATION AND ASSISTANCE



Monti Antonio S.p.A.  
Head Office: via dell'Elettronica n°5, 36016 Thiene (VI) Italy  
Operation and Administration: via della Fisica n°6, 36016 Thiene (VI) Italy  
T. +39 0445 364619 +39 0445 364707 – sales@montiantonio.com  
[www.montiantonio.com](http://www.montiantonio.com)