

MODEL C08-2000

Calender used for continuous fabrics:

- Transfer printing
- Direct inks reactivation
- Thermosetting – heatsetting

1. CHARACTERISTICS OF HEATING CYLINDER:

- 1.1. Diameter: 800 mm (31,49”).
- 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 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 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:

- Entry: axial unwinding with disk brake with pneumatic adjustment and fabric manual brake.
- Exit: double roll tangential winding, with possibility of soft or hard winding by transmission management, control by potentiometer.

3.2. Tension control for printing paper:

- Entry: axial unwinding with disk brake with pneumatic adjustment.
- Exit: axial winding with independent motor, adjustable by touch-screen.

3.3. Tension control for protection paper:

- Entry: axial unwinding with disk brake with pneumatic adjustment.
- Exit: axial winding with independent motor, adjustable by potentiometer.

4. OTHER DEVICES INTO MACHINE:

- 4.1. Independent motors with an electronic synchronization system
- 4.2. NOMEX felt with pneumatic tension adjustment system and felt-centring device by means of motorized electric linear actuator.
- 4.3. Incorporated system for felt protection in case of black out and/or compressed air lack
- 4.4. Multifunctional electronic meter-counter, with alarm to predetermine the length of production runs
- 4.5. Temperature cooling system for printed fabric exit, complete with fan
- 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 400 mm (15,75”).
- Fabric roll diameter in exit 400 mm (15,75”).
- 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”).

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

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6. TECHNICAL DATA:

- 6.1. Installed power: 56 kW
- 6.2. Average electric consumption: 37.9 kW/h
- 6.3. Power in ECONOMY MODE: 38.75 kW
- 6.4. Compressed air pressure: 6-8 bar
- 6.5. Mechanic speed: 1 - 15 m/min
- 6.6. Overall dimensions (with platform): width 3.520 mm (138,6"). length 3.120 mm (122"). height 2.380 mm (93.70").
- 6.7. Net weight: 5.000 kg
- 6.8. Machine produced according to CE rules
- 6.9. Customs tariff: 84 51 80 30

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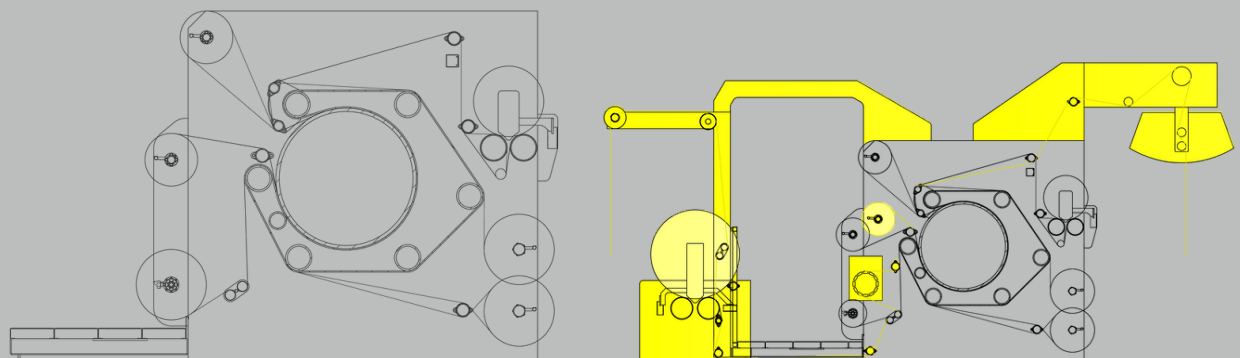


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TECHNICAL DATA

C08

PRINTING



STANDARD

WITH OPTIONS

		2000	2600	3000	3600	5400
Cylinder width	mm	2000	2600	3000	3600	5400
Tavola cilindro	inch	78.74	102.36	118.11	141.73	212.59
Working width	mm	1800	2400	2800	3400	5200
Tavola utile	inch	70.87	94.49	110.24	133.86	204.72
Heating cylinder diameter	mm	800	800	800	800	800
Diametro cilindro riscaldato	inch	31.49	31.49	31.49	31.49	31.49
POWER MODE						
Installed power/Potenza installata	kW	56	68	92	108	139.5
Average consumption/Consumo medio	kW/h	37.9	37.9	60	72.3	93.2
ECONOMY MODE						
Installed power/Potenza installata	kW	38.75	47	66	74	95.5
Mechanical speed	m/min	1 ÷ 15	1 ÷ 15	1 ÷ 15	1 ÷ 15	1 ÷ 15
Velocità meccanica						
Net weight	Kg	5000	5700	6500	8000	16200
Peso netto						

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