

MODEL 911

Compacting and finishing calender for ribbons and narrow fabrics in ALL FIBERS (naturals, synthetic, elastic and mixed). It can also heatset the 100% synthetic fabric (polyester, etc.)

1. CHARACTERISTICS OF HEATED CYLINDERS

- 1.1. Diameter: 350 mm (13,78").
- 1.2. Width: 750 mm (29,53").
- 1.3. Working width: 650 mm (25,59").
- 1.4. Both cylinders are chrome plated and with a mirror effect finishing.

2. HEATING SYSTEM AND TEMPERATURE CONTROL

- 2.1. The cylinder is heated by one resistor (heating element) in a vacuum sealed diathermic 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 an alarm system and a limitation system of maximum temperature (230 °C).

3. TENSION CONTROLS

- 3.1. Motorized feeding system
- 3.2. Manual adjustment between cylinders and tension visualizer for ribbons
- 3.3. Motorized introduction roll

4. OTHER DEVICES AND CHARACTERISTICS

- 4.1. Feeding system composed by:
 - Operator platform.
 - Special system to put ribbons flat in entry.
 - Ribbons guiding system in entry, with adjustable rings.
- 4.2. Pre-steaming nebolizer.
- 4.3. Stainless steel vertical steaming chamber, electrically heated for condensation limitation.
- 4.4. NOMEX felt resistant at high temperature.
- 4.5. Automatic system for tension control and felt-centering device.
- 4.6. Incorporated system for felt protection in case of black out and/or compressed air lack.
- 4.7. Teflon compactor for high temperature (or rulon/vaflon up to 160 °C (**OPTION**) with felt contact and deepness automatically adjustment.
- 4.8. Stainless steel table for fabric cooling AISI 304, complete with high quality aspiration drying fan.
- 4.9. Independent motors with an electronic synchronization system.
- 4.10. Functional motors control to work with variable speed without fabric tension.
- 4.11. Machine general management, including temperature controls, controlled by a programmable PLC for the production data memorization.
- 4.12. Front and back touch-screen keyboard for production data access and programming.
- 4.13. Rear ribbons outlet with n°5 rolls to place ribbons into appropriate boxes, independent motorization.
- 4.14. Cooling unit (air conditioning) for electronic/electric panel (**OPTION**).

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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Monti Antonio S.p.A.
Head Office: via dell'Electronica n°5, 36016 Thiene (VI) Italy
Operation and Administration: viale della Fisica n°6, 36016 Thiene (VI) Italy
T. +39 0445 364619 - F. +39 0445 364033
sales@montiantonio.com - www.montiantonio.com

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5. TECHNICAL DATA

- 5.1. Installed power: 21,5 kW
- 5.2. Average electric consumption: 15 kWh
- 5.3. Average steam consumption of steaming chamber: 25-40 kg/h
- 5.4. Compressed air: 6-8 bar
- 5.5. Mechanic speed: 2.5 ÷ 40 m/min
- 5.6. Overall dimensions (with feeder): width 2.215 mm (87,20"). length 6.000 mm (236,22"). height 2.500 mm (98,42").
- 5.7. Net weight: 2.650 kg
- 5.8. Machine produced according to CE rules
- 5.9. Customs tariff: 84 51 30 30

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