

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. Mechanic brake (adjustable)
- 3.3. Manual adjustment between cylinders and tension visualizer for ribbons
- 3.4. Motorized introduction roll

4. Other devices and characteristics

- 4.1. Feeding system composed by:
 - Motorized roll for textile feeding with photoelectric control cell.
 - Operator platform
 - Special system to put ribbons flat in entry
 - Ribbons guiding system in entry, with adjustable rings
- 4.2. Pre-steamer in entry on the feeder
- 4.3. Vertical steaming chamber, made in stainless steel and electrically heated
- 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. Motorization in three asynchronous phases in 4 engine pole in agreement with CE rules (IECCENELEC) all complete with forced servomotor.

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

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- 4.11. Functional motors control to work with variable speed without fabric tension
- 4.12. Machine general management, including temperature controls, controlled by a programmable PLC for the production data memorization
- 4.13. Front and back touch-screen keyboard for production data access and programming
- 4.14. Ribbons exit with additional motorized rollers
- 4.15. Cooling unit (air conditioning) for electronic/electric panel (OPTION)

5. Technical data

- 5.1. Installed power: 23 kw
- 5.2. Average electric consumption: 15 kw/h
- 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 2.100 mm (82,68"). length 6.000 mm (236,2"). 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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