MODEL C05-3600

Calender adapt for continuous fabrics:

- Transfer printing
- Direct inks reactivation
- Thermosetting – heatsetting
- Heatsetting of "crush" effect

1. CHARACTERISTICS OF HEATING CYLINDER:
   1.1. Diameter: 500 mm (19,70").
   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), one per each side, 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 touch-screen.

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: 49,7 kW
   - 6.2. Average electric consumption: 34 kW/h
   - 6.3. Power in ECONOMY MODE: 27,2 kW
   - 6.4. Compressed air pressure: 4-8 bar
   - 6.5. Mechanic speed: 0.5 - 7.5 m/min
   - 6.6. Overall dimensions: width 5.150 mm (202,76"). length 2.330 mm (91,73"). height 2.195 mm (76,42").
   - 6.7. Net weight: 5.750 kg
   - 6.8. Machine produced according to CE rules
   - 6.9. Customs tariff: 84 51 80 30

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MONTI ANTONIO®
STANDARD & CUSTOM HEATING SOLUTIONS
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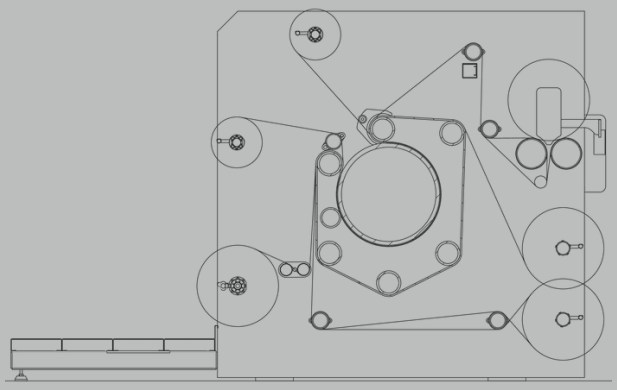
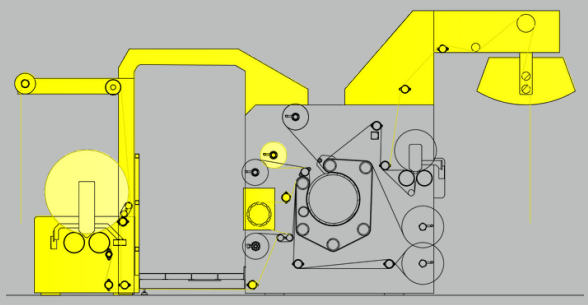
TECHNICAL DATA

C05

PRINTING





		STANDARD			WITH OPTIONS		
Cylinder width Tavola cilindro	mm inch	**2000** 78.74	**2600** 102.36	**3000** 118.11	**3600** 141.73	**4400** 173.23	**5400** 212.59
Working widht Tavola utile	mm inch	1800 70.87	2400 94.49	2800 110.24	3400 133.86	4200 165.35	5200 204.72
Heating cylinder diameter Diametro cilindro riscaldato	mm inch	500 19.69	500 19.69	500 19.69	500 19.69	500 19.69	500 19.69
Installed power/Potenza installata	kW	32.2	34.5	39.8	49.7	62.2	66
Average consumption/Consumo medio	kW/h	22.53	24	27.6	34	42.6	45
Power in ECONOMY MODE Potenza in modalità ECONOMY	kW	-	-	-	27.2	34.2	36
Mechanical speed / Velocità meccanica	m/min	0.5 ÷ 7.5	0.5 ÷ 7.5	0.5 ÷ 7.5	0.5 ÷ 7.5	0.5 ÷ 7.5	0.5 ÷ 7.5
Net weight / Peso netto	Kg	2935	3420	5350	5750	8000	14000

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I DATI E LE CARATTERISTICHE TECNICHE SONO PURAMENTE INDICATIVI, SOGGETTI A VARIAZIONE SENZA OBBLIGO DI PREAVVISO E RELATIVI A MACCHINE SENZA OPTIONAL. LE FOTO INSERITE SONO IMMAGINI A STOCK E POSSONO INCLUDERE OPTIONAL NON COMPRESI DI SERIE.

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