

1. Machine Identification & Manufacturer

Reference Code	IT113
Manufacturer / Brand	BI-MATIC S.r.l. (Mariano Comense, CO - Italy)
Model Series	DY.8.10.R.A.S.7 (Dynamic-ra Series)
Category	Automatic Single-Sided Edgebander
Year of Manufacture	2010
Serial / Machine Number	5583
Machine Net Weight (Mass)	2,720 kg
Operating Status	In production use / Fully operational

2. Infeed & Edge Material Processing

Coil Support Plate	Heavy-duty rotating coil feeding disc unit
Pre-Milling Unit (Rettifica)	Integrated entry pre-milling unit with dust extraction hoods
Gluing & Application System	Hot-melt glue pot with quick-heating reservoir & applicator roller
Pressure & Guillotine Unit	Pneumatic coil edge cutter & multi-stage motorized pressure rollers
Infeed Alignment Fence	Adjustable manual/pneumatic infeed guide fence

3. Processing Work Units (Aggregati)

End Trimming Unit (Intestatori)	Dual-motor end trimming unit for precise front/rear edge cutting
Top & Bottom Trimming Unit (Refilatori)	High-frequency motors with fine adjustment micro-metric gauges
Corner Rounding Unit (Rondatore)	2-motor / multi-axis corner rounding unit for edge profiles
Profile Edge Scraping Unit (Raschiabordo)	Radius knife scraping unit with pneumatic exclusion & collection box
Glue Scraping Unit (Raschiacolla)	Flat glue scraping unit with liquid spraying units
Buffing / Polishing Unit (Spazzole)	Dual motorized cloth buffing wheels for final edge cleaning

4. Control Hardware, Interface & Software

Control Unit Type	BI-MATIC Programmable Digital Controller
Display Screen	Color graphic LCD display with function soft-keys
Data Entry & Keypad	Full numeric keypad + quick-access direct control keys
Unit Activation Controls	Illuminated pushbuttons for individual work unit selection
Glue Pot Temperature Display	Digital electronic thermostat control (Target set at 203°C)

5. Electrical, Pneumatic & Safety Specifications

Operating Voltage / Frequency	400 V / 3~ (50 Hz)
Nominal Current	13 A
Pneumatic Air Pressure Required	6 BAR
Declaration of CE-Conformity	✓ CE Mark Compliant
Safety Enclosure	Full sound-proof cabin with transparent viewing windows & gas struts
Country of Origin	Made in Italy (Mariano Comense - CO)

Technical specifications generated directly from the machine's CE identification plate, control panel readout, and BI-MATIC Dynamic series operational specifications.