

Article details

Reference Code	IT108
Manufacturer / Brand	MAROSO S.r.l. (Pianezze - VI, Italy)
Serial Number (Numero di Fabbrica)	RG462
Year of Build (Anno di Costruzione)	2012
Category / Machine Type	Industrial Vacuum & High-Pressure Glass Lamination Autoclave
Certification Standard / Directive	PED Directive 97/23/CE (CE 0100 Notified Body)
Primary Application	Laminated Safety Glass (Vetro Stratificato) & Composite Materials
Operating Status / Availability	In production use / On request

Detailed technical specifications

Internal Tank Diameter (Diametro Esterno/Interno)	~ 3,000 mm (D. Esterno Manicotto ~ 3,050 mm)
Internal Volume Capacity (Capacità Volumetrica)	31,150 Liters (31.15 m³)
Max. Batch Load Weight (Capacità di Carico)	800 kg
Design Pressure (Pressione di Progetto)	14 bar
Max. Working Pressure (Pressione di Esercizio)	10 bar
Hydraulic Hydro-test Pressure (Prova Idraulica)	20.02 bar
Design Temperature (Temp. di Progetto)	5 °C ÷ +200 °C
Max. Working Temperature (Temp. di Esercizio)	200 °C
Vacuum System Configuration	Multi-channel Vacuum Manifold with 11 Independent Outlets & Gauges
Cooling System Auxiliary	BOLDROCCHI T.C. Cooling Tower (Torre di Raffreddamento max 500 kg)
Water Treatment Plant	Includes Auxiliary Water Softener / De-mineralizer Unit
Door Closing Mechanism	Motorized Rotary Bayonet Ring Lock with Gearmotor
Total Installed Electric Power (Potenza)	170 kW
Total Empty Machine Weight (Peso a Vuoto)	14,200 kg (14.2 Tons)

Technical specifications compiled based on MAROSO RG462 certification, visual inspection, and dimensional measurements.