



## ITALMATIC Srl

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### COMPANY DATA

#### Contacts

**Roberto Frediani** - Managing Director

**Adriano Frediani** - CEO

**Massimo Ghitturi** - Member of Board of Directors

#### Annual Group Turnover

EUR 50 million

#### Annual Company Turnover

EUR 20 million

#### Percentage of turnover from glass

20%

#### Sales

National (30%) / International (70%)

#### Quality certifications

ISO 9001

#### Banks

Intesa S. Paolo

#### Area

Offices 600 m<sup>2</sup> / Plants 8000 m<sup>2</sup>

#### Number of Employees

60

#### Paid-in capital

EUR 46.481,12

#### Founding year

1987

#### Registered Trademarks

Italmatic - Comfort





## COMPANY PROFILE

### New autoclaves for curved glass and windshield

**ITALMATIC**, leader in the research, design and construction of autoclaves for various applications, has developed a new generation of advanced and innovative machines for the treatment of curved glass and windscreens.

These autoclaves, the result of research, development and experience acquired over the years, have been designed with the aid of the most sophisticated structural and thermodynamic calculation programs, such as the new dynamic flow simulator C.F.D. (Computational Fluid Dynamics).

In the design, particular attention was paid to energy saving, adopting innovative materials for thermal insulation, high efficiency motors controlled by inverters, heating systems (electric, diathermic oil or steam) with infinitesimal control, as well as new control systems capable of managing power and flow distribution, thus allowing significant reductions in operating costs.

The machine can also be made with two doors, one on each side, to allow the automatic and/or manual introduction and

unloading of the glass holder carriages, thereby speeding up the loading and unloading operations, especially for continuous production of both 24/24h and 7/7g.

For a better internal chamber uniformity, according to the different loads and positioning of the glass under treatment, the motor fan units have been positioned in the upper part in direct contact with the heating and cooling exchangers.

This innovation has made it possible to work for defined areas within the chamber, managing each area according to the load and with the best uniformity.

Orientation and modulation of the ventilation, with variation of the fluid transfer speed on the products, ensures that glass quality conforms to even the most restrictive market requirements.

The control system, called **ICS (Italmatic Control System)**, allows you to program, supervise and have complete traceability of production batches - both automatically and manually, in order to allow for analysis of all process cycles.

The control system meets every industry 4.0 requirement and can also be interfaced with the company MES.