



**MAPPI**  
BEYOND GLASS PERFECTION

## MAPPI INTERNATIONAL Srl

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### COMPANY DATA

#### Contacts

**Nancy Mammaro** - Managing Director  
**Ermanno Petitti** - Sales Manager  
**Giulio Dalla Costa** - Automation Manager

#### Annual Turnover of the Company

EUR 8,200,000

#### Percentage of turnover from glass (%)

100

#### Sales

Domestic (10%) / International (90%)

#### Area

Offices 1000 m<sup>2</sup> / Plants 4000 m<sup>2</sup>

#### Number of Employees

48

#### Founding Year

1993

#### Registered Trademarks

MAPPI | SUPERTEMPER

#### Parent and Sister Companies

##### Mappi America

3888 Mannix Dr.#314 - 34114 Naples, FL - USA  
Tel.: +1 336 8787460 - <mailto:info@mappi.us>

### SALES NETWORK

#### FOR ITALY SEE:

[www.mappi.it/contact-us/agents/](http://www.mappi.it/contact-us/agents/)

#### MIDDLE ITALY

##### TECNOVATI

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#### GERMANY - THE NETHERLAND

#### - BELGIUM - SWITZERLAND -

#### AUSTRIA

##### Füldner Machines BV

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#### POLAND

##### Adam Makarowski

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#### FRANCE

##### DUMATEK

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#### SPAIN

##### TekVimo

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#### PORTUGAL

##### C.M.V. Unipessoal, Lda

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#### GREECE

##### STEFANOS THEMELIS AND CO EE

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#### DENMARK

##### DMT APS

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#### CZECH REPUBLIC AND SLOVAKIA

##### TEKNIKA-CZ

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#### LITHUANIA - FINLAND - SWEDEN -

#### NORWAY - BELARUS - UKRAINE

##### GLASSPRO

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[www.glasspro.lt](http://www.glasspro.lt)

#### SLOVENIA - CROATIA - BOSNIA - BULGARIA - KOSOVO

##### GLASMIK D.O.O.

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#### MOLDAVIA - ROMANIA

#### UNGHERIA

##### IMROGLASS S.R.L.

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#### ESTONIA - LATVIA

##### Estoneglass Ou

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#### UK - IRELAND

##### P.A.L. Glass Machinery Ltd

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##### AS CAM DESIGN

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#### MIDDLE EAST

##### Corpotrade

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#### BRAZIL

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#### COLOMBIA - BOLIVIA

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#### AUSTRALIA & NEW ZELAND

##### Overseas Glass Agencies

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#### RUSSIA - CIS

##### KPD TECHNO

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#### INDIA

##### THORNGATE SALES CORP

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#### VIETNAM - LAOS - CAMBODIA -

#### PHILIPPINES - SINGAPORE -

#### MALAYSIA - THAILAND -

#### INDONESIA - MYANMAR

##### EUROTECHCORP

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#### JAPAN

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### COMPANY PROFILE

#### MAPPI INTERNATIONAL: CONTINUOUS SEARCH FOR INNOVATION

Mappi International has been designing and manufacturing high quality tempering systems for the glass industry since 1993. Hundreds of plants installed all over the world are a demonstration of the company's steady growth, important investments in research and development, uncompromising quality, and attention to the specific needs of each and every customer.

Mappi International manufactures each and every product in-house and therefore has complete quality control of all components, guaranteeing the highest quality performance and functionality of its machines

– constantly. Mappi America, located in Florida, enables the customer service department to reach each and every plant within 24 hours.

Thanks to collaboration with Siemens, Mappi machines are, first in the entire glass industry, recognized as ‘Powered by Siemens’.

**As glass tempering technology leader, Mappi and Siemens with MEC (MAPPI EDGE COMPUTING) enhances communication, efficiency, control and data security for tempering furnaces.**

The innovation ensures higher productivity, better quality, optimum consumption and improved maintenance – all while revolutionizing security in glass manufacturing. Mappi’s path of innovation continues with Supertemper, the exclusive feature that opens up a new frontier of fireproof glass: a furnace equipped with Supertemper can produce E30 certified glass for fire resistance.

From design to assistance, quality is at the centre of every thought and action of Mappi. This quality is found both in the design and in the range of products, where machines are different in size, technical solutions, mechanical engineering, and software solutions. User-friendly machines that have been designed to minimize downtime during shutdown and subsequent restart, along with the constant perfection of glass and important energy savings, show just how Mappi produces tempering furnaces that go beyond perfection day after day. Nancy Mammaro, CEO of Mappi says: “Our payoff, ‘beyond glass perfection’, sums up in three words our everyday aim shared at every level and in every area in Mappi.” Over the years, Mappi has never changed its aim: to become the leader in tempering furnaces and manufacturing, and to constantly increase quality and customization to satisfy the specific needs of each customer.

Main features:

**MHS | MULTIZONE HEATING SYSTEM**

Automatically manages the temperature of the furnace by means of a network of electronically controlled sensors that maintain temperatures constant and focus heat only in areas where there is glass.

**IHS | INTELLIGENT HEATING SYSTEM**

The internal temperature of the furnace is controlled with an accuracy of +/- 1 C, preventing overheating of the ceramic rollers and avoiding downtime for the adaptation of the furnace temperature.



**ESS | ENERGY SAVING SYSTEM** Heating and forced ventilation stages are coordinated and managed by a computerized system optimizing consumption and significantly reducing the installed power required by the entire system.

**SYNCR0 | TRASMISSION TECHNOLOGY**

The ceramic rollers are driven accurately within 1/1000mm by DC drive motor with a friction transmission between iron/rubber (avoids slack time gaps, gear lash, with resulting risks of marks on the glass).

This eliminates the need of SO2. Brushless motors control roller drives to guarantee accurate roller position and speed.

Automatic speed management of the ceramic roller oscillation avoids distortions and damage to the glass surface. Full ceramic rolls, which can be easily replaced.

**ITS | INTEGRATED TOUCH SYSTEM**

The system monitors the parameters of the tempering process and immediately prints the compliance report for CE and ANSI glass standards at the same time, automatically storing this information for each production cycle.

**AC | ADVANCED COOLING**

A particular design of the blowing system that allows even more specific control while tempering, and substantially decreases the iridescence of the glass.

**ATI | ACTIVE THERMAL INSULATION**

The ATI completely reduces thermal dispersion thanks to continuous research in the best performing materials for thermal insulation, in association with the most prestigious research centres in Europe, as well as with Knauf and Morgan.

**GHBS | XTREME PROFILE CONVECTION** GHBS allows to process all last-generation coated glass, including low-E with 0.01 Emissivity.

**HEATING CHAMBER EXTRACTION**

Mappi is the only tempering equipment manufacturer that has this feature for easier maintenance and better finished product quality. ATS 4.0 is available from 1500 x 3800 to 3300 x 6000 mm and also in customizable sizes.

