

# MISTRAL EV

# FRATELLI PEZZA

*Total reliability since 1970*

Fratelli Pezza s.r.l. was founded in 1970 and the owner, Alessandro Pezza, still represents its creative heart.

The company specializes in the production of **sandblasting and marking machines for flat glass**, of which it is the undisputed market leader.

The catalog includes the automatic sandblasting cabins of the **Zephir** series, simple and economical, and the **Mistral EV** series, which is top of the range equipment. The offer is completed by the automatic marking devices of the **Easymarker** line, which can be combined with both vertical and horizontal glass processing machines.





## *Made in Italy*

Fratelli Pezza manufactures its products in its large and recently renovated headquarters in Clusone, in the province of Bergamo, and takes advantage of a dense international distribution network.



# MISTR

*Technologically*

# EV



# R A L



*advanced equipment*

## THE AUTOMATIC SANDBLASTERS OF THE MISTRAL SERIES REPRESENT THE TOP OF OUR PRODUCT RANGE

They are sturdy and compact machines with small overall dimensions, as well as easy to use by any operator.

They are characterized by high productivity and low consumption of electricity and compressed air, and provide a wide range of processing options.

It is possible to operate both automatically and manually, and the maximum working height can be doubled thanks to the fact that the cabin is open topped.

# MISTRAL EV

*Total reliability!*

Our sandblasters are equipped with a high efficiency filtration system with automatic recovery and recycling of the abrasive material and separation of waste dust.

The rubber protections ensure airtight seal, preventing the dust from escaping into the surrounding environment.

All components and wear parts are made of highly abrasion resistant materials to ensure long life.





### ➤ SANDBLASTING OPTIONS

- > Normal sandblasting
- > Light sandblasting
- > Shading sandblasting
- > Deep engraved sandblasting
- > Zonal blasting



### ➤ REDUCTION OF STATIC ELECTRICITY CHARGE INSIDE THE CABIN

All models are equipped with a revolutionary system that limits the accumulation of static electricity in the cabin, a phenomenon that often occurs during sandblasting on mirrors.



### ➤ PLC AND SOFTWARE

The Mistral models are equipped with a control panel with keyboard and color video display. Programming is extremely easy and intuitive thanks to the use of icons and graphic images. The own-developed software allows to carry out up to 50 sandblasting areas on the same glass plate (which may differ from one another: normal, light, deep, shaded), as well as to create and store up to 200 customized sandblasting programs. The "PAUSE&CHECK" feature allows to stop the working program, even a very complex one, and restart it exactly from where it was stopped, without being obliged to restart it from the beginning.



# MISTRAL EV

## FEATURES

- > Top of the range
- > Space-saving
- > Up to 3 automatic guns (M260EV)
- > Both automatic and manual sandblasting
- > Built-in filter system
- > Automatic recycling of the abrasive material
- > Dust-proof rubber protections
- > Anti-scratch bristled rings
- > MirrorProtection: Reduction of static electricity charge inside the cabin

## CONSUMPTION AND PERFORMANCE

- > Low consumption (2-3 kW - 500 l / min. for each activated gun)
- > Productivity up to a maximum of 1 sqm/ 2 minutes (M260EV)

## SOFTWARE

- > Color screen
- > Keyboard made of abrasion resistant material
- > 200 storable programs
- > Pause & Check: possibility to pause the processing
- > Possibility to repeat the last executed program with a simple click
- > Indication of processing times
- > Preventive maintenance messages

## WORKING FEATURES

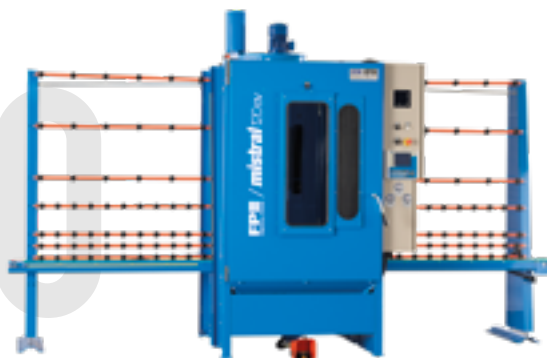
- > Normal sandblasting
- > Light sandblasting
- > Shading sandblasting
- > Deep engraved sandblasting
- > Zonal blasting
- > Glass thickness up to 50 mm
- > Automatic processing up to 2600 mm height (M260EV)
- > Open top for processing big glasses

## OPTIONALS

- > Amacor stencils, for carrying out patterns without sticking a mask on the glass
- > Extensions for processing big glasses



# 1200



## *Born from experience*

- > Automatic processing up to 1200 mm height
- > Standard configuration with 1 automatic gun, second gun on request
- > Total electrical consumption 2 kW

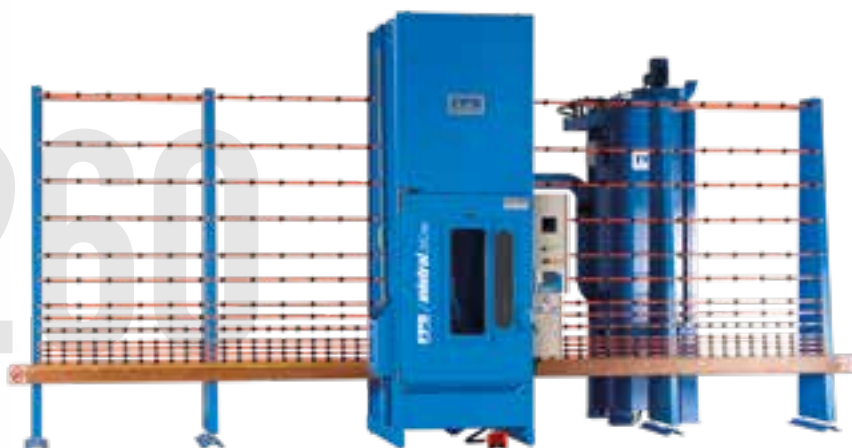
# 1800



## *Technology-driven performance*

- > Automatic processing up to 1800 mm height
- > Standard configuration with 1 automatic gun, second gun on request
- > Total electrical consumption 2 kW

# 2600



## *A step beyond perfection*

- > Automatic processing up to 2600 mm height
- > Standard configuration with 3 automatic guns
- > Total electrical consumption 3 kW

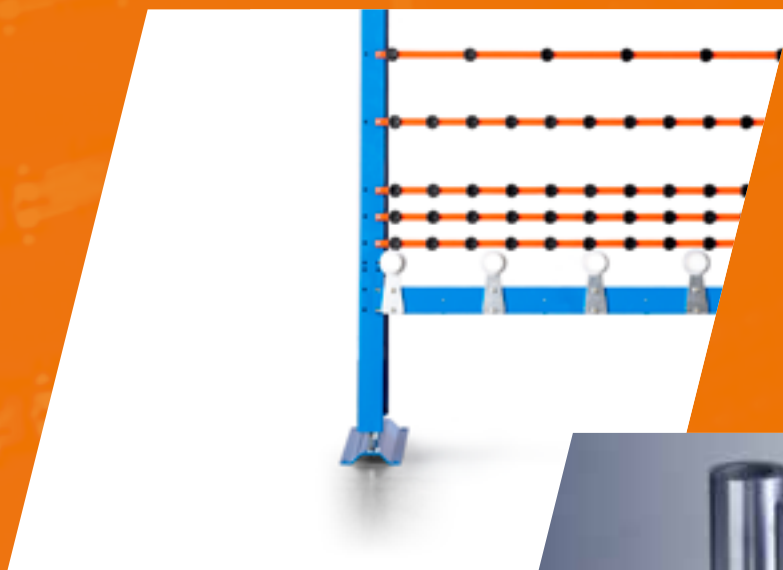
# MISTRAL ACCESSORIES



## ④ AMACOR STENCILS

SANDBLASTING WITHOUT STICKING A MASK ON THE GLASS

The Amacor dies, made of high-resistant resin, are purpose-made masks for the automatic carrying out of modular patterns on the glass plate (strips, squares, small circles ...). This system allows to work without sticking a mask on each glass, with huge reduction of the production time.



## GLASS SUPPORT EXTENSIONS ④

PROCESS LONG GLASSES SAFELY !

The customer may require additional extensions (entrance and/or exit), which are 1400 mm long/each.



## ORIGINAL SPARE PARTS ④

FRATELLI PEZZA has immediate availability ex-stock of all consumables, from nozzles to technical spare parts. FRATELLI PEZZA recommends to only use original spare parts to safeguard proper operation of the machine and preserve the validity of the warranty.



# BUY *Online!*

*Find all our products, spare parts and accessories in our online shop:*

<https://shop.fratellipezza.com>



**FRATELLI PEZZA - Sandblasting and marking machines for flat glass**  
via Ing. V. Balduzzi, 29 - 24023 CLUSONE (BG) ITALY  
tel. +39 0346 27841 - info@fratellipezza.com

Visit our website:

[www.fratellipezza.com](http://www.fratellipezza.com)

