

EN

Since 1938

**PREO**

**GLUE APPLICATION SYSTEMS DESIGN AND DEVELOPMENT**

# AN 80-YEAR STORY THAT MADE HISTORY



The PREO story starts in **1938**, when Mr. **Antonio Preo** founds “**Officine Meccaniche PREO**” as a producer of precision and measuring instruments.

During **1960s**, the Company becomes a European leader in **high precision** components for the medical, optical, **aeronautical and military industry**.

In the **1990s** PREO undertakes a challenging and exciting new adventure: to orient all their qualified experience and **know-how** to become the **leading designer and one of the best producers in the world of high quality innovative hot-melt adhesive systems**.

Today, PREO products are successfully used by blue chip companies all around the world.



**2018**

Preo (now 3rd generation) continues to grow and expand internationally, becoming a reference point in the world market and a leader in innovation and quality products.

**2000s**

Preo plays a prestigious role in the international market actively contributing to strengthen “Made in Italy” globally thanks to a well-structured distribution network all over the world.

**1990s**

The Company changes its name to PREO Srl and specialises in design, production and commercialisation of thermoplastic adhesives and makes gluing equipment with its own brand.

**1960s**

The Company becomes a European leader in high precision components for the medical, optical, aeronautical and military industry.

**1938**

Antonio Preo founds the “Officine Meccaniche Preo”, starting the production of calibres and precision instruments.

**1938-2018**

**80**

## CERTIFICATIONS AND REWARDS

### CERTIFICATION EN ISO 9001:2015

Design, production, assembly, sale and post-sale service of adhesive systems and related spare parts.



### UCIMA MEMBER

Italian Packaging Machinery Manufacturers' Association.



### CRIBIS PRIME COMPANY

Recognition indicating the maximum evaluation level of the economic-financial reliability of a company in commercial transactions. It is exclusively released to companies that constantly maintain excellent financial reliability.

## PATENTS AND SPECIAL EXECUTIONS

Thanks to their expertise, obtained from long-time experience in the aeronautical industry, and to **constant research and development**, PREO is known in the international market for the reliability and innovation of their **patented and highly technological products**. The company successfully maintains a primary position in both standard production and the **development of bespoke solutions**.



## NETWORK AND TECHNICAL ASSISTANCE

The Company is located in Corsico, on the outskirts of Milan, and carries out its activities on an area of about 4000 sqm split into two large buildings.

PREO is a typical, specialised, medium-sized Italian company.

It can count on the expertise of its highly qualified technical staff and one of the most modern and equipped machine tools fleet in the world.

**Thanks to a well-structured distribution network in over 50 countries**, a winning sales policy and a quick and efficient after-sales service, PREO has developed **the most important 100% Italian technical, commercial and manufacturing structure in the application of hot-melt adhesives, contributing to globally strengthen "Made in Italy"**.



## SOLUTIONS



PREO can offer the best solutions in several industries, such as:

**packing and packaging, converting, graphic and printing, building supplies, filters, hygienic and non-wovens, textiles, automotive, cosmetics, bottling and woodworking.**

## EASY TOUCH MELTERS



- Hot-melt adhesives
- Viscosity up to 70.000 cps
- Tank: 1 - 4,5 - 10 - 15 - 20 kg
- Up to 8 hose/gun connections
- Double acting pneumatic piston pump ratio 14:1
- Single flow gear pump 0,8 - 20 cc
- User interface "full touch" with integrated button panel



INDUSTRY  
**4.0**  
READY

## TOUCH MICROPROCESSORS

- 7" Touch Screen LED lighted colour display
- Up to 8 independent channels with integrated glue pattern control
- IOT module complete of GSM - Ethernet WiFi - RS232-485 for real time diagnostics
- Firmware update through USB port and parameters upload/download



## PUR MELTERS



- Polyurethane adhesives
- Viscosity up to 70.000 cps
- Tank capacity: 5 and 8 kg
- Up to 4 hose/gun connections
- Single flow gear pump 3 and 7 cc

## UBM PUR MELTERS



- Polyurethane in cartridges
- Viscosity up to 70.000 cps
- Slug capacity: 2kg
- Up to 2 hose/gun connections
- Single flow gear pump 2 and 4 cc

## MILLENNIUM MELTERS



- EVA, polyamide, polyester and pressure sensitive adhesives
- Tank capacity: 30 and 50 kg
- Up to 6 hose/gun connections
- 1 or 2 single flow gear pump 0,8 - 40 cc rate

## BULKMELTERS



- EVA, polyamide, polyurethane reactive (PUR) adhesives in drums
- Viscosity up to 100.000 cps
- Drum capacity: 20 and 200 kg
- Up to 4 hose/gun connections
- Single flow gear pump 3 - 40 cc rate

## TWISTER F-15



- Automatic filling system suitable for adhesives in pellets or tablets
- Fits on any existing gluing system
- Adhesive carbonisation reduction

## DOUBLE E GUNS

- Viscosity up to 5.000 cps
- Speed up to 8.000 cycles/minute
- Service life of more than 50 millions cycles
- AMX-45 (AOAC) double effect module
- Self cleaning Zero-Cavity nozzle
- Compact design and integrated glue filter
- Insulation plastic cover



## H-EVO HOSES



- Lengths from 0,4 to 12 mt
- Internal diameter from 6 to 25 mm
- Temperature up to 230°C
- Special executions on request

## AMX-45 MODULES



- Single (AOAC) or double effect (AOAC)
- Innovative double interchangeable gasket cartridge system
- Self cleaning Zero-Cavity nozzle
- Wide range of standard and special nozzles



## NEW LIFE GUNS



- Viscosity up to 100.000 cps
- Speed up to 6.000 cycles/min
- AMX-45 (AOAC) single effect module
- Wide range of standard and special nozzles
- Integrated glue filter
- Gun body coated with hard oxidation treatment

## REVOLUTION GUNS

- Viscosity up to 100.000 cps
- Speed up to 6.000 cycles/min
- AMX-45 (AOAC) module with variable centre distance
- Wide range of standard and special nozzles
- Integrated glue filter
- Gun body coated with hard oxidation treatment



## STRAIN 121 GUNS



- Viscosity up to 5.000 cps
- Speed less than 1 ms
- Service life of more than 200 millions cycles
- Self cleaning Reduced-Cavity nozzle
- Electromagnetic operation, no seals and noise free

## K100 SLOT GUNS

- Viscosity up to 100.000 cps
- Speed up to 6.000 cycles/min
- Double effect module with "snuff-back" system
- Perfect and sharp cut off
- Coating width up to 2.500 mm for continuous or interrupted application
- Fast format change



## SPRAY-SPYRO GUNS



- Viscosity up to 100.000 cps
- Speed up to 4.000 cycles/min
- AMX-45 (AOAC) module
- Wide range of standard and special nozzles
- Integrated glue filter
- Heating block for air
- Gun body coated with hard oxidation treatment

## SHARK HANDGUNS



- Viscosity up to 100.000 cps
- 360° swivelling rotation
- Progressive activation trigger
- Bead and spray version
- Automatic timed bead series with safety switch
- Module with innovative interchangeable gasket cartridge system

# PREO S.R.L. - GLUE APPLICATION SYSTEMS

Via Alessandro Volta, 7 | 20094 Corsico (MI) | Italy  
tel: (+39) 02 48.60.12.60 | fax: (+39) 02 45.03.323  
[info@preo.it](mailto:info@preo.it) | [export@preo.it](mailto:export@preo.it) | [italia@preo.it](mailto:italia@preo.it)

[WWW.PREO.IT](http://WWW.PREO.IT)



West&Best



Certificate Registration No. 73 100 5823



ISO 9001

part of  
PREO  
International  
Holding S.r.l.