

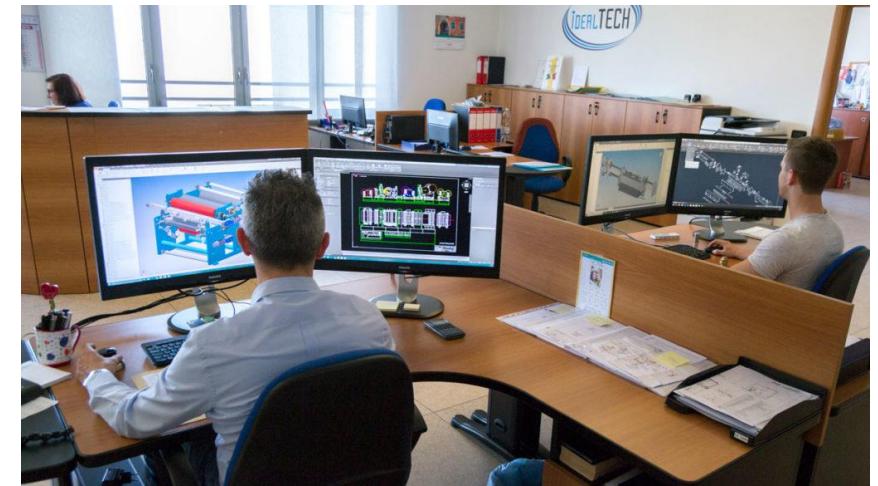


Made in Italy



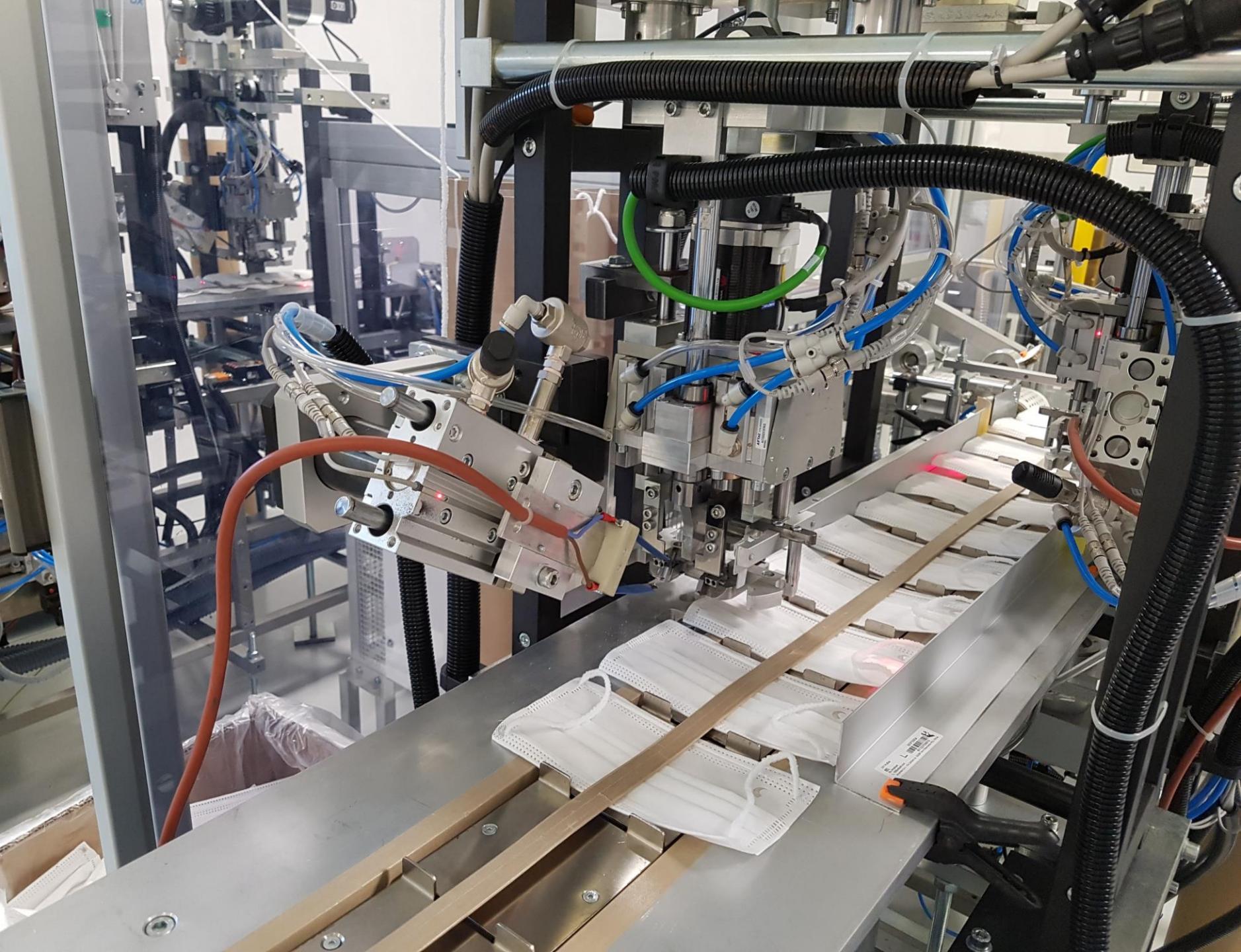
- For over 20 years on the market, our company's aim has been to respond promptly, effectively and flexibly to the evolution and needs of our customers, **offering a wide range of products, technical advice and operational intervention with the highest quality standards**, whatever the occasion requires.
- Solid construction, operational efficiency and ease of use are the main and fundamental characteristics of Idealtech systems, as well as **high reliability, high quality and perfect compatibility with all competitive systems**.

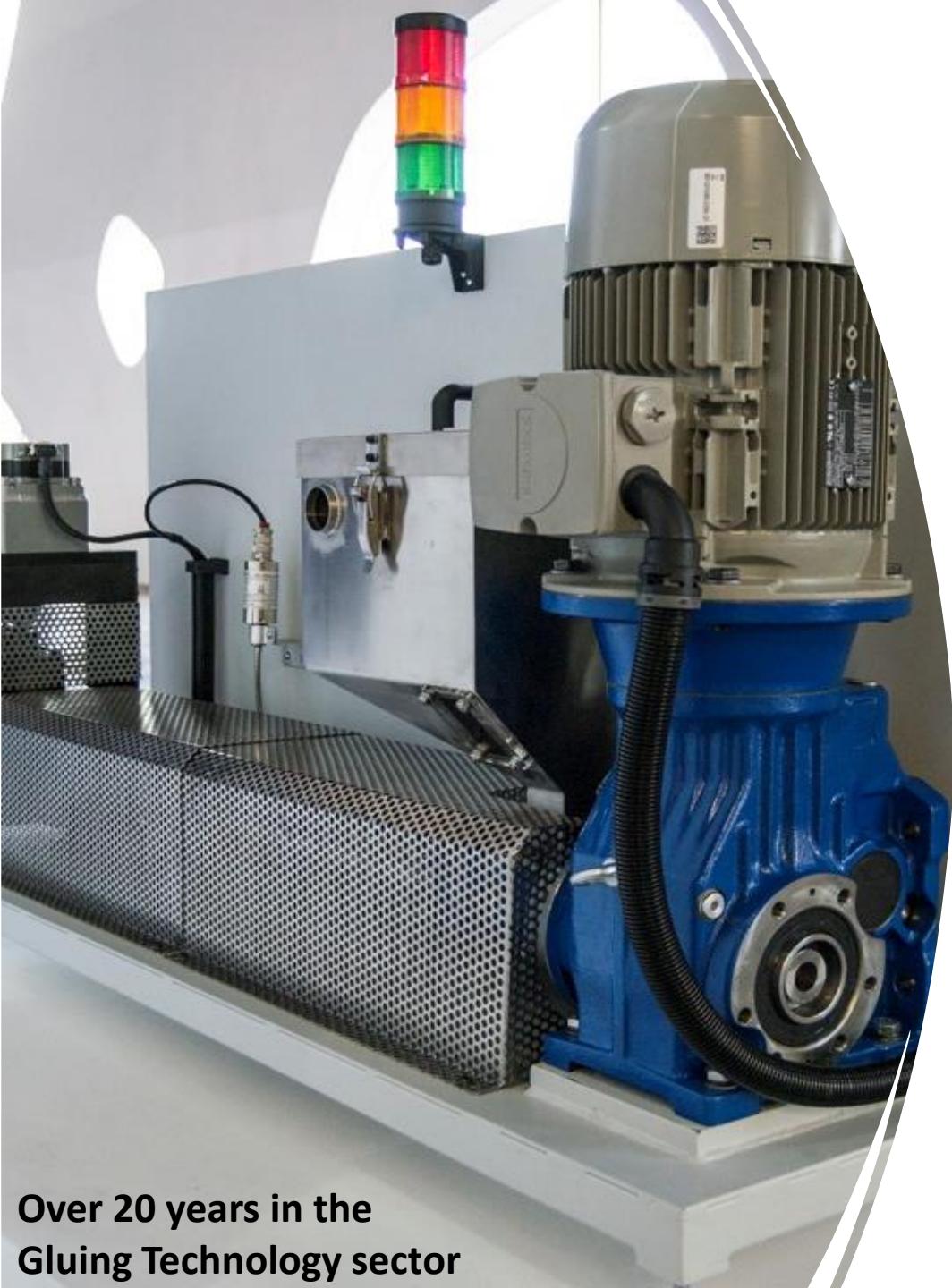
Thanks to its way of working, its direct production and its flexibility, **Idealtech Srl** offers its customers the possibility of defining the most suitable solution for their needs, but above all provides them with a wealth of expertise and know-how that is unique in the sector.



Idealtech Srl has been established for over 20 years on the Italian and foreign markets, with **extensive experience in the various sectors of the packaging, textile, wood, graphics, construction and automotive industries.**

Today it presents itself as a company with a strong and consolidated experience in the **Gluing Technology** sector, thanks to its range of products which includes **hot melt tank melters with piston or gear pumps, pressure plates, screw extruders, coating heads, manual and automatic spray guns, electro heated pipes, compatible spare parts and also gluing automations or complete gluing lines.**



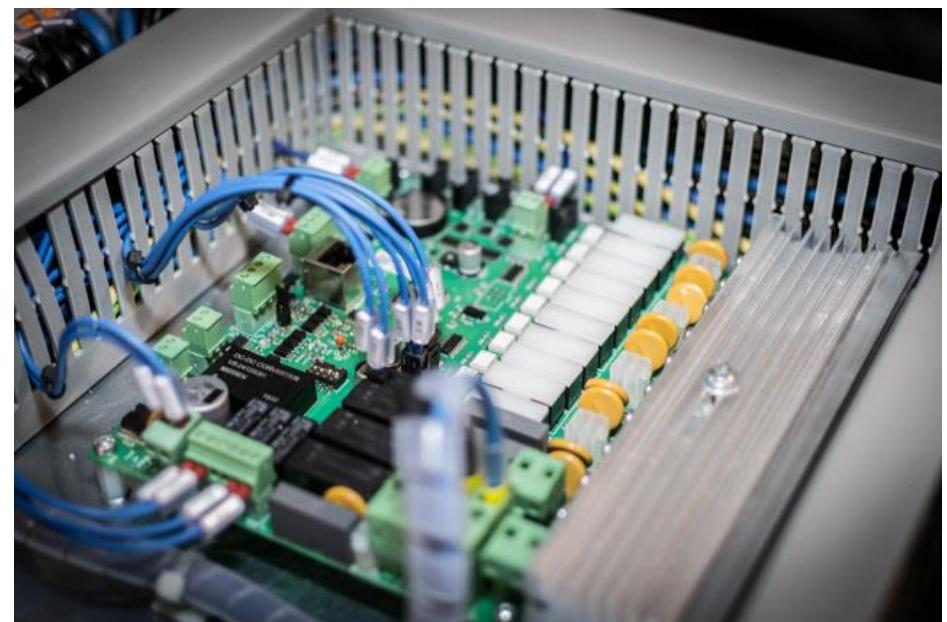
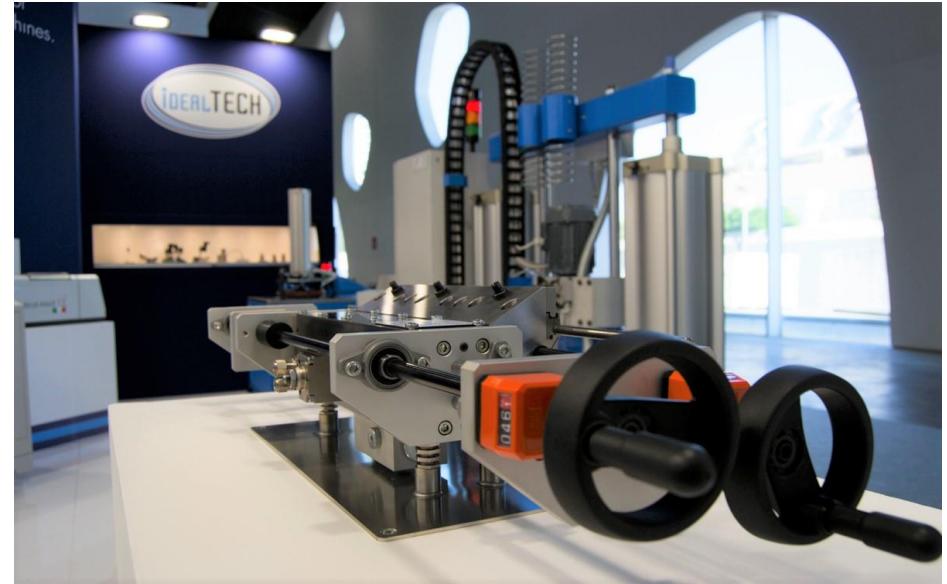


**Over 20 years in the
Gluing Technology sector**

**Advanced technology
and quality
construction** are our
strengths, enabling us
**to meet the most
diverse demands in the
field of gluing.**

Our aim is to **provide
customers with
systems or lines that
are functional,
economical, simple to
use and easy to
maintain**, without ever
compromising quality
and technical
performance.

**A constantly updated
know-how**, combined
with a **technical
assistance service
made up of highly
qualified people**,
always guarantees the
customer the support
he needs.



Our services at your disposal



- Sales and installation
- Special Machines
- Technical consultancy and design
- Technical consultancy and maintenance
- Software assistance
- Compatible spare parts



To ensure continuity in the relationship and maximum trust, Idealtech Srl is also present in the after-sales service with a team of highly qualified technicians, ready to intervene in case of customer needs (downtime, sudden failures, urgent spare parts) or simply for scheduled routine maintenance.

Idealtech also offers specialized consultancy in the field of bonding, outlining the different needs and expectations of the customer and developing the best solution in both technical and economical terms.

Also, worth mentioning is our technical design service, which is able to create 3D designs for standard gluing systems as well as for automatic lines or special machines. Already at the time of the offer, we are in fact able to show concretely the final result.

OUR PRODUCTS

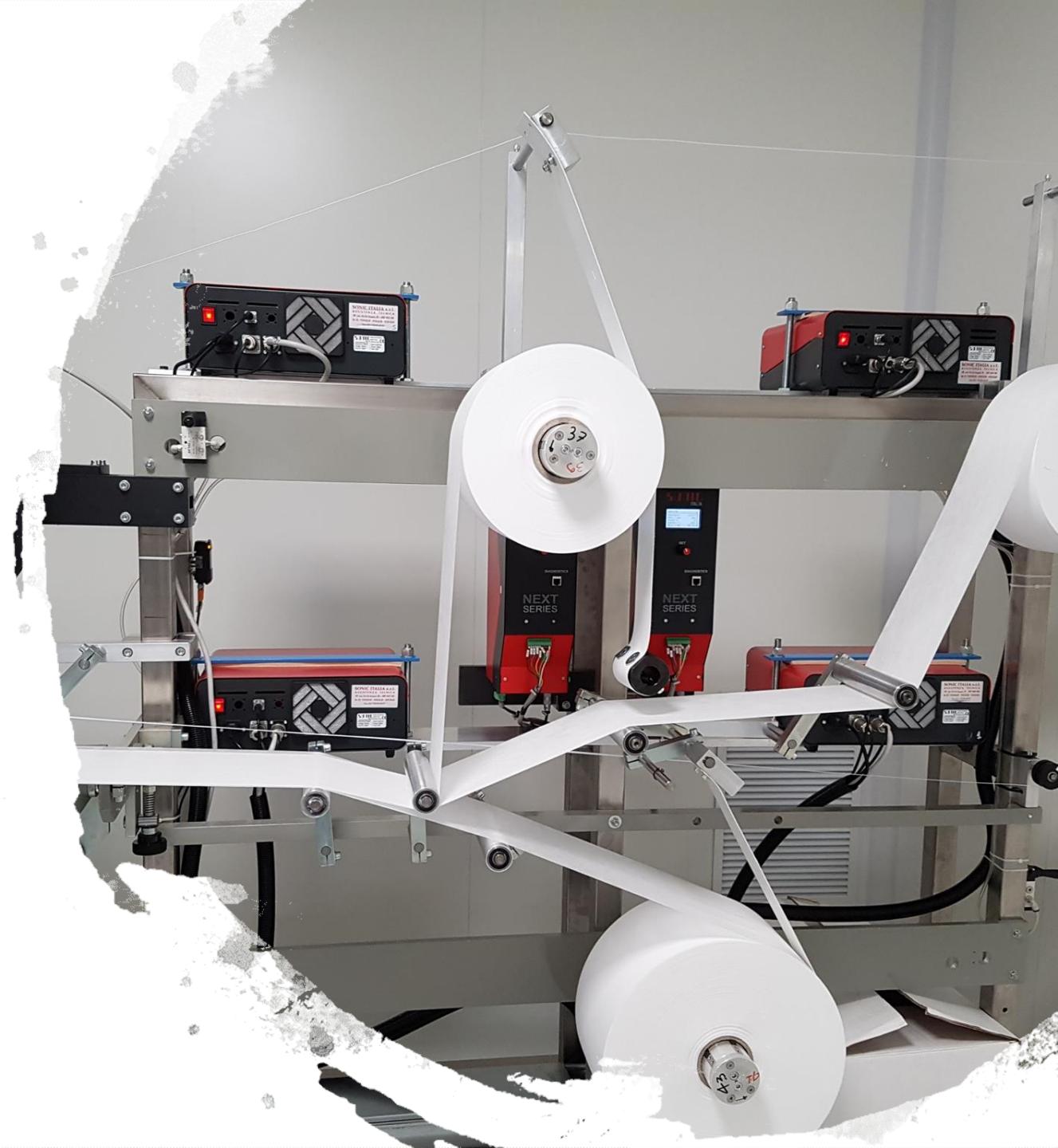
The entire range of systems has been designed to optimize functionality and performance, reduce adhesive carbonization, minimize energy consumption and maximize production.

Also important was [the introduction of software and electronic systems](#) that allow tracking and downloading of consumption and production data, as well as providing a remote troubleshooting service.

Your Partner for Glueing

Wherever there is a need in the field of bonding, Idealtech is present and active to research and guarantee the best solution that best suits the customer's technical and economic requirements. There are many industrial sectors where our brand is synonymous with competence and efficiency:

- Textile and Non-Woven*
- Wood and Paper Converting*
- Automotive*
- Air filters production*
- Sanitary*
- Mattress production*
- Construction*
- Graphics*
- Packaging*
- Converting*



The Drum Line pressing trays have been designed for melting and dosing various thermoplastic materials such as hot melt EVA, pressure sensitive, polyamides, polyurethane and mastics. **The melting capacity varies from 8/10 Kg to 70/80 Kg with 1 or 2 pumps.**

The **simplicity of use** is certainly one of the winning features of this product, in fact, directly from the operator panel Touch Screen, **you can manage all the functions of the machine**, with the possibility to **interface the system with the production line** via Ethernet or Modbus interface.

The melting plate can be smooth for low melting or finned for medium and high melting, depending on the product to be melted and the melting rate required by the process.

Operating directly from the Touch Screen operator panel, the operator can manage the following functions:

- Temperature management*
- Pump speed control*
- System on/off*
- Weight control (Optional)*
- RS 485 interface*



Extruder Line



The use of an **extruder** is indicated for all applications requiring high melt capacity and/or treatment of special adhesives, such as polyamides and polyesters.

To this end, we are able to supply a complete range of hot melt screw extruders with variable melt capacity depending on the need: **from 60 to 600 kg/h for EVA, polyolefins, polyesters in granules and polyamides**. The strengths of the product can be summarized as follows:

Modular P.I.D. temperature control with stabilization fans.

- Simple and intuitive setting of the commands by means of a 5.7" Touch Screen panel.*
- The management of the analogical I/O is done by Siemens PLC.*
- Dosing pumps with automatic weight control.*
- Melting temperature that starting from 120° C can reach 300° C.*
- The viscosity of the treated products can vary from 5.000 to 500.000 mPas.*

The hot melt adhesive applicators of the **AssyLine series** are easy to use, with a modular structure, designed to optimize production cycles and reduce operating costs. **Robust and flexible**, they **offer extreme accessibility to all primary components**, making normal maintenance operations quick and easy.

- Touch screen operator panel
- Pump
- Melting tank coated in TEFLON



The Assy Line applicators **can be supplied with one or two gear pumps**, which, combined with the control unit with digital speed control, **allow a constant application**, without flow rate variation during the adhesive dispensing, thus maintaining the desired weight even in conditions of variable product speed. **The system control keyboard** can be remotely placed near the operator to allow the control of all the main functions.





EVA-based, pressure sensitive and polyurethane adhesives can be used - viscosities from 1,000 to 100,000 mPas.

- Changeover speed*
- Possibility of correcting the coating light even during continuous production*
- Reduced maintenance*
- Precision of application*
- Uniform and regular coating*
- Abrasion resistance thanks to a special lip surface treatment (50 Rockwell)*

The Coating Heads of the ID LF-LV series are mainly used in the textile industry to adhere or laminate fabrics, as well as in the woodworking industry for profile coating.

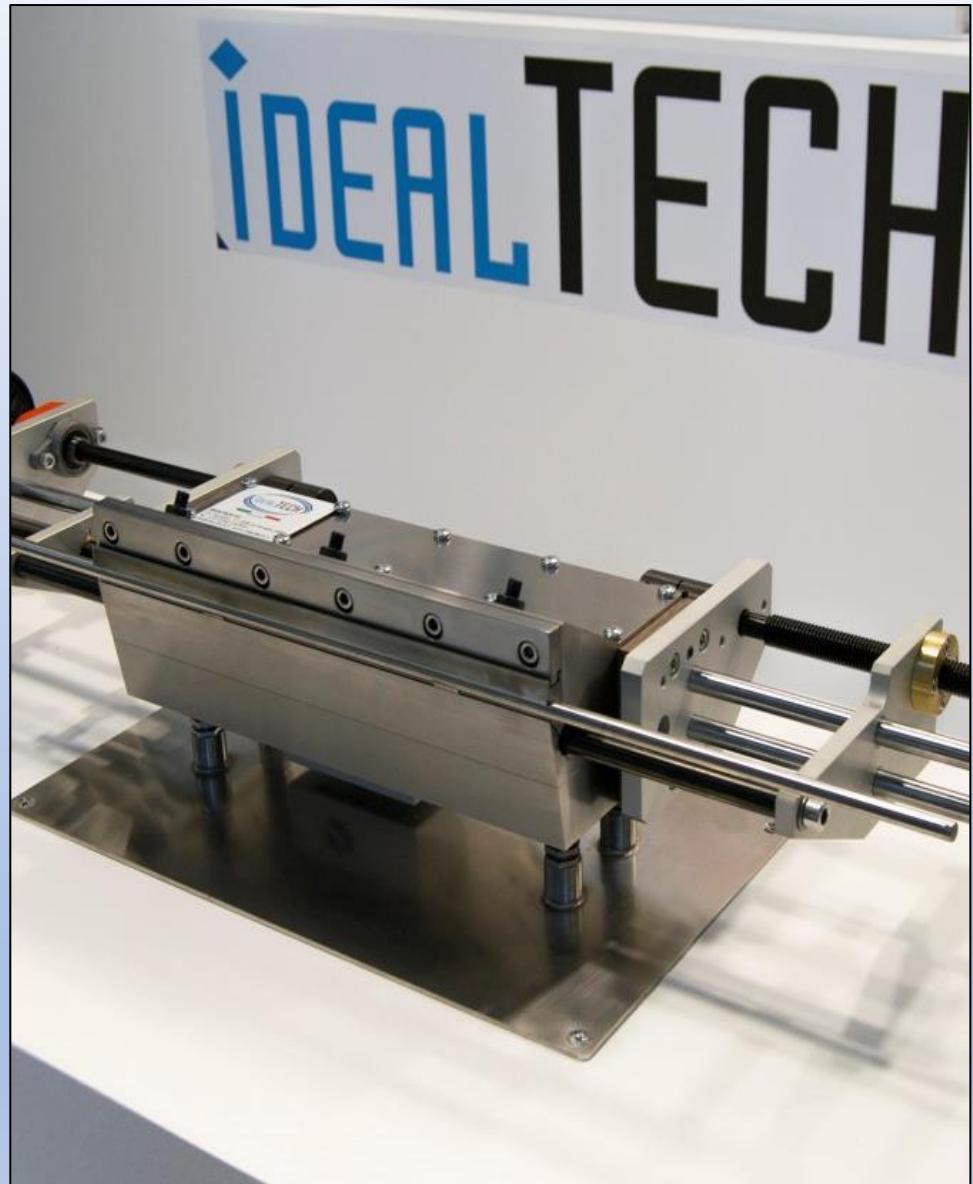
- With the variable light coating heads, it is possible to stick supports with a width up to 2500 mm.*
- The format changeover takes place quickly by means of flags positioned on the right and left side.*
- Maintenance is reduced thanks to integrated filters that prevent the formation of imperfections on the coated product.*
- Hot melt EVA, pressure sensitive and polyurethane adhesives can be used.*

The **integrated filters** placed on the feeding modules prevent the contaminations present in the adhesive from reaching the dosing lip, thus avoiding the formation of lines or imperfections on the coated product.

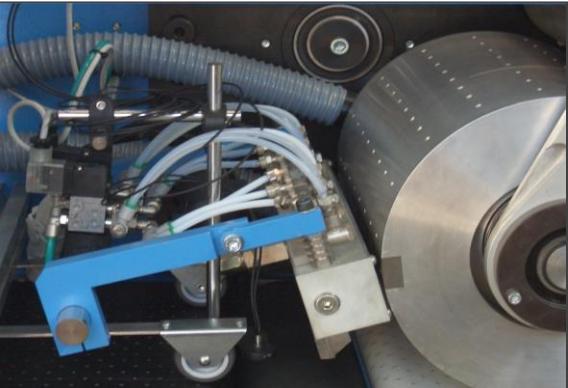
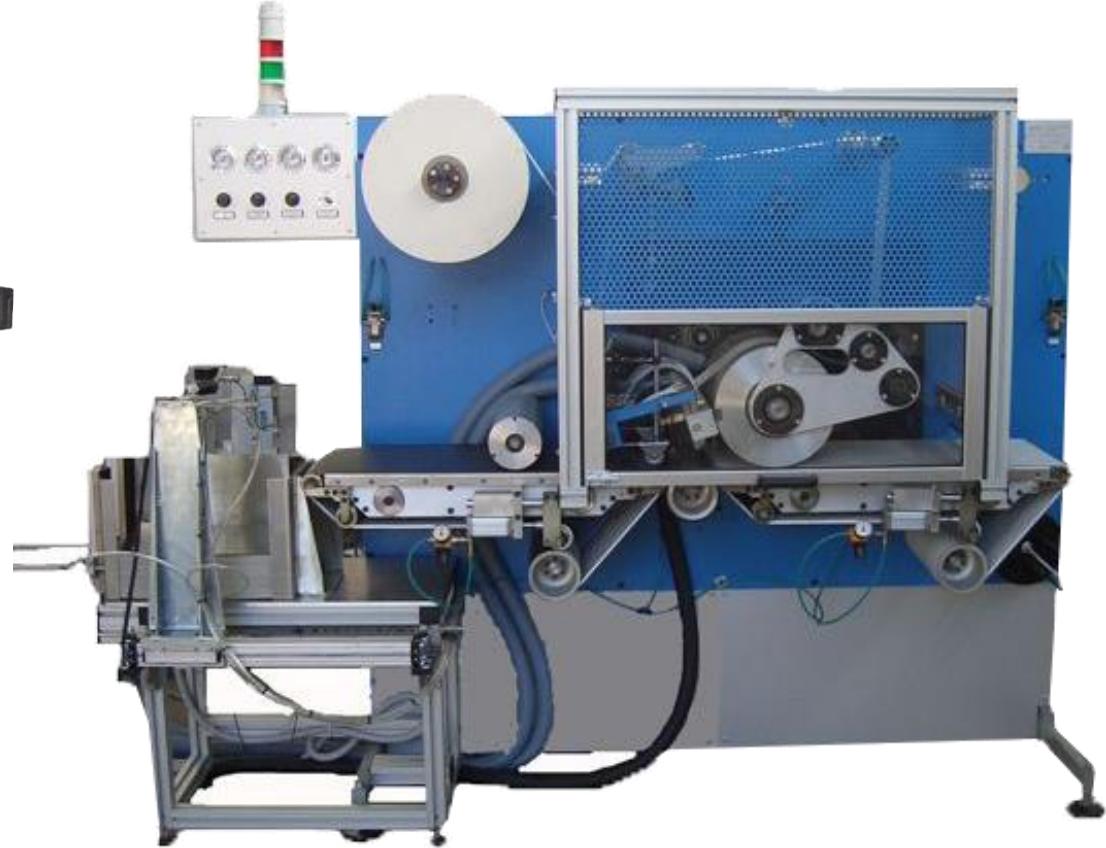
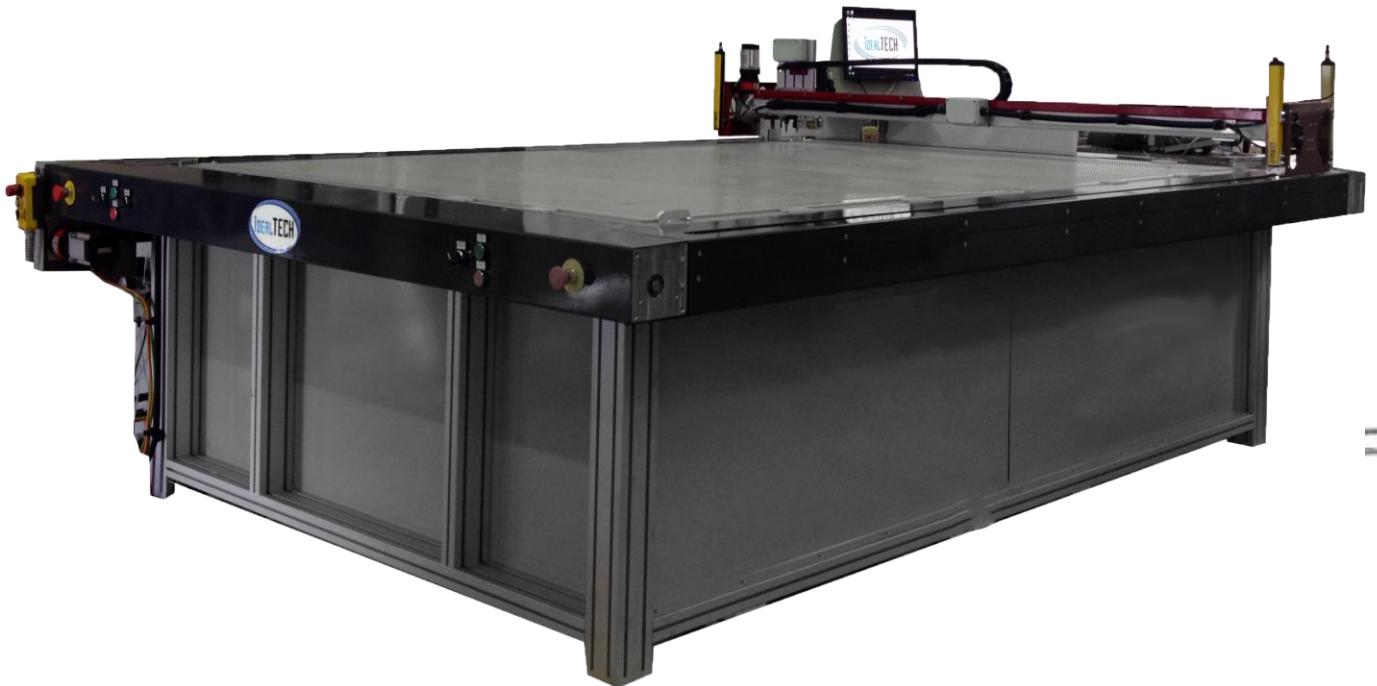
Ordinary cleaning is carried out simply by opening the coating head to the maximum light so that the product, passing over the entire slot, takes away any residue.

The **adjustment** is made by means of flags with position indicator on the right and left side, acting on a handwheel that, rotating 360°, varies the width of the coating from the minimum foreseen by the head up to a maximum equal to the length of the entire coating head.

The **continuously adjustable coating** width and the uniformity of the temperature on the whole surface allow to dose exactly the quantity of adhesive, thus reducing production costs and improving the quality of the finished product.



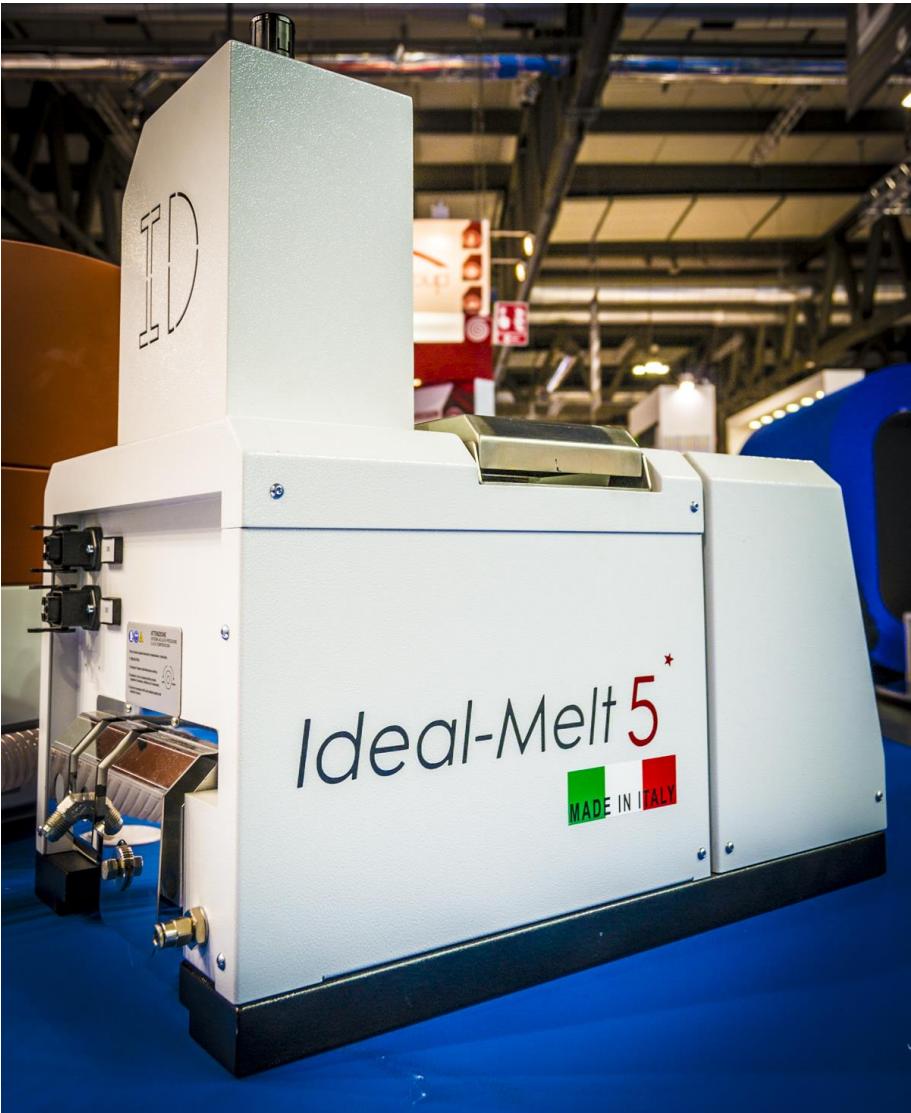
Special Machines



Starting from the Customer's need, we develop the mechanical project of the line and we take care, in every detail, also of the electrical and software part, guaranteeing a complete service.

High speed bonding plotter, both for EVA-PSA hot melt and cold melt adhesives.

- Cut & Place, with hot melt adhesive application, cutting station and automated positioning of the substrate to be laminated.*
- Small hot melt coating lines to laminate and/or couple different kind of substrates and materials and in different industry sectors (building, textile, medical, graphics).*



- Ergonomic design (easy maintenance)*
- Integrated application control unit on request*
- The basic equipment can be expanded at any time*
- Precise electronics for easy operation*

- Compatibility with the main brands on the market*
- System integration with line electronics*
- Minimal operator training required*
- Reduced management and maintenance costs*

The hot-melt gluers of the **IDEAL MELT** series are particularly suitable where production requires low glue consumption.



The applicator, [particularly suitable for the packaging and graphics sector](#), has been designed to allow easy assembly and maintenance, as well as quick accessibility to all the primary components of the gluer. [The control keyboard](#) of the system can be remotely placed near the operator to allow the control of all the main functions. It is also possible to [interface the gluer with the main line through Modbus/RS485 communication](#).

The electro heated hoses of the **HOSE LINE** series have been studied and realized **to be used on all the main application plants for hot-melt adhesives**, as well as connected to all the main competitors' gluers.

Thanks to the use of high-quality raw materials, our electro heated hoses are **STRONG** and **FLEXIBLE**. Available in various models (standard, for high temperature, for spray applications, waterproof and special ones on request) and in different lengths, they guarantee application precision, safety and reliability. The **high flexibility** guaranteed by the materials used **allows an easy installation** on the machine and allows the use of the product on all robotic systems or in all fields where a great movement is required.

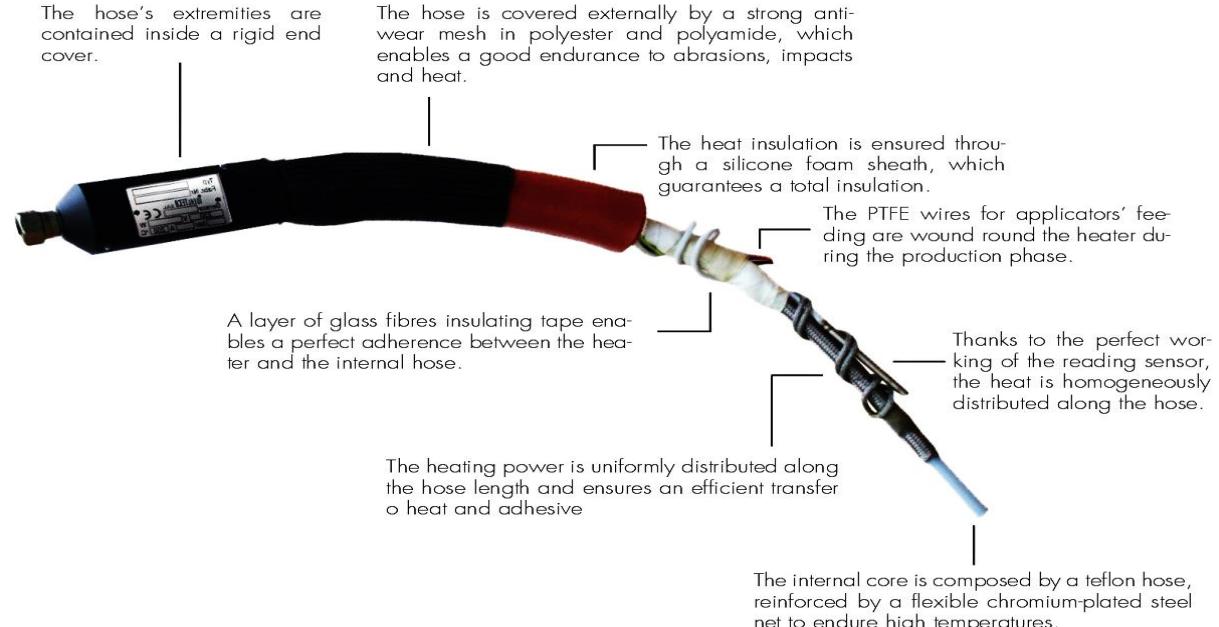
- Robust and flexible*
- Long lasting*
- Compatible with all major brands of gluers*
- Possibility of mounting on robotic systems*
- Special versions on request.*



The heated glue hoses HOSE LINE has been designed in order to be used on the main hot melt application systems (available with PT100 sensors, NI 120, FE-CO, NTC).

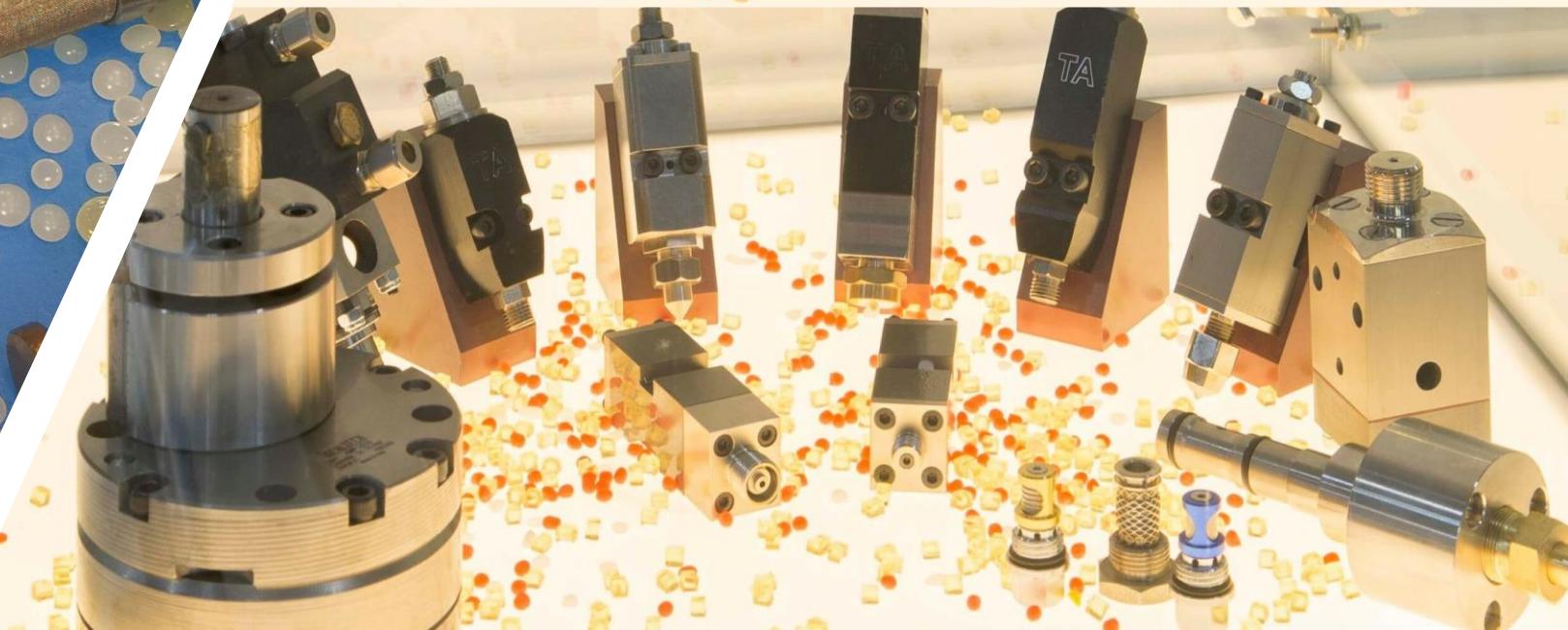
Thanks to the use of quality raw materials, Idealtech heated glue hoses have a sturdy and flexible structure.

Available with different models (standard, high temperatures, spray, water proof and special on request) and different lengths, they ensure precision, safety and reliability.





Compatible spare parts for hot-melt applicators



Nozzles

Idealtech offers the customer a wide range of nozzles to meet any production requirement. There are standard nozzles, specific nozzles for applications requiring extreme precision and special nozzles made to order.

Filters

The filter inserted in the applicator gun, guarantees a constant and precise delivery of the adhesive over time, as all impurities are retained within it.

Modules

The spray module of the ID 100 series characterizes the application of the adhesive guaranteeing the absolute absence of filaments or drippings during the application phase.



Modules

Applications available:

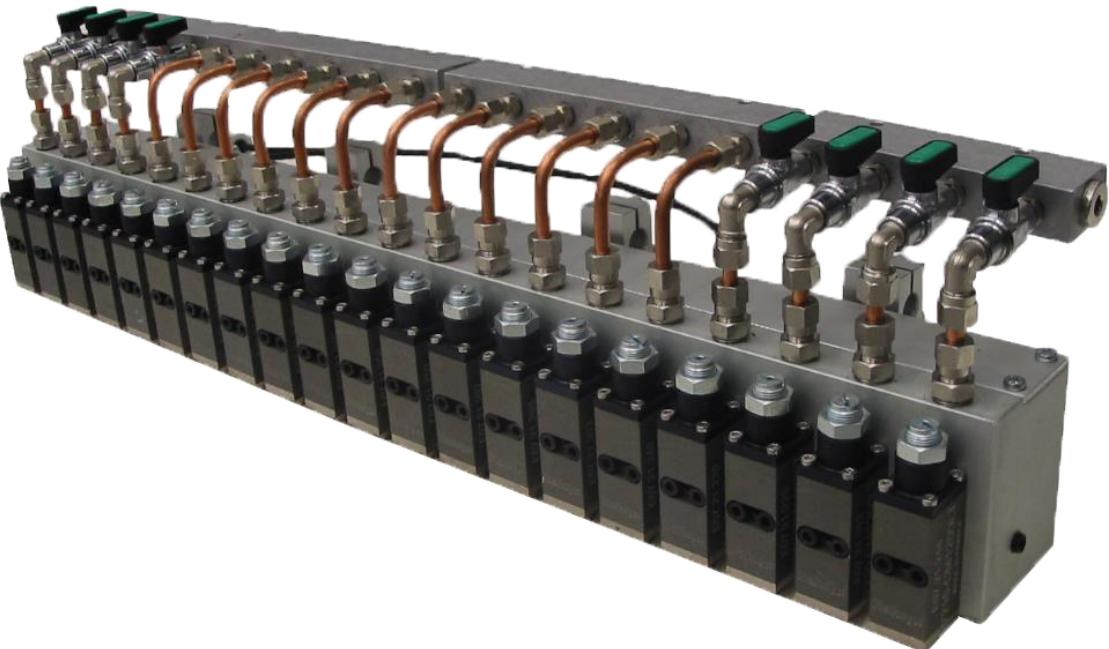
- bead
- spray
- swirl
- coating

Nozzles

- straight single hole
- straight double and multi holes
- 90° single or double holes
- reduced or zero cavity
- spray/swirl (unibody or dual body)
- nozzles for hand guns

Gun filters

Tank filters

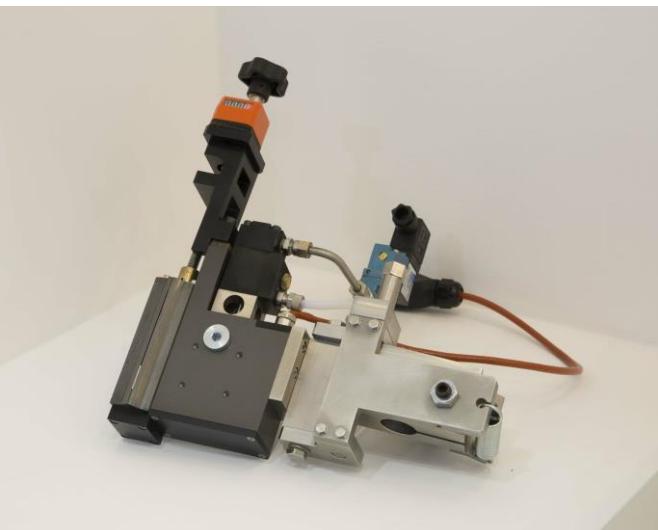


Gun Line

The line consists of a HEATING BLOCK and a variable number of spray modules.

- Heating Blocks
- Modular Structure
- Temperature control +/- 1 Degree
- Quick and easy maintenance

It is possible to mount probes and electrical connection connectors compatible with all the systems of the major manufacturers.



Idealtech automatic guns are designed to apply adhesive in curbs, dots or strips of various widths. They are modular and can be made in different configurations, with one or more modules, with large flow filter or without filter, with one or more solenoid valves for the management of the glue line.

Features:

The guns of the GUN LINE series guarantee great reliability over time and thanks to their compactness, modularity and small size , can be easily mounted on automatic hot melt machines.



The manual handguns of the Idealtech line, are distinguished by their ergonomics, flexibility and precision of application. They can be used for the application of EVA, PUR, PS glues and point, bead, spiral or spray applications are possible depending on the nozzle used, which can be replaced and adapted according to one's application needs.

- The flexibility of application that characterizes our manual guns is determined by the gun connection that, depending on the customer's needs, can be positioned from the bottom to the top or from the top to the bottom.*
- Handy, safe and easy to use, they guarantee an efficient control of the operating temperature which can reach 200-210° C.*

Cold glue applicators:

Tanks, electromagnetic guns, electropneumatic spray guns, electropneumatic extrusion guns, control microprocessors excellent performance, extreme reliability, less maintenance, high precision and speed applications.

Application fields:

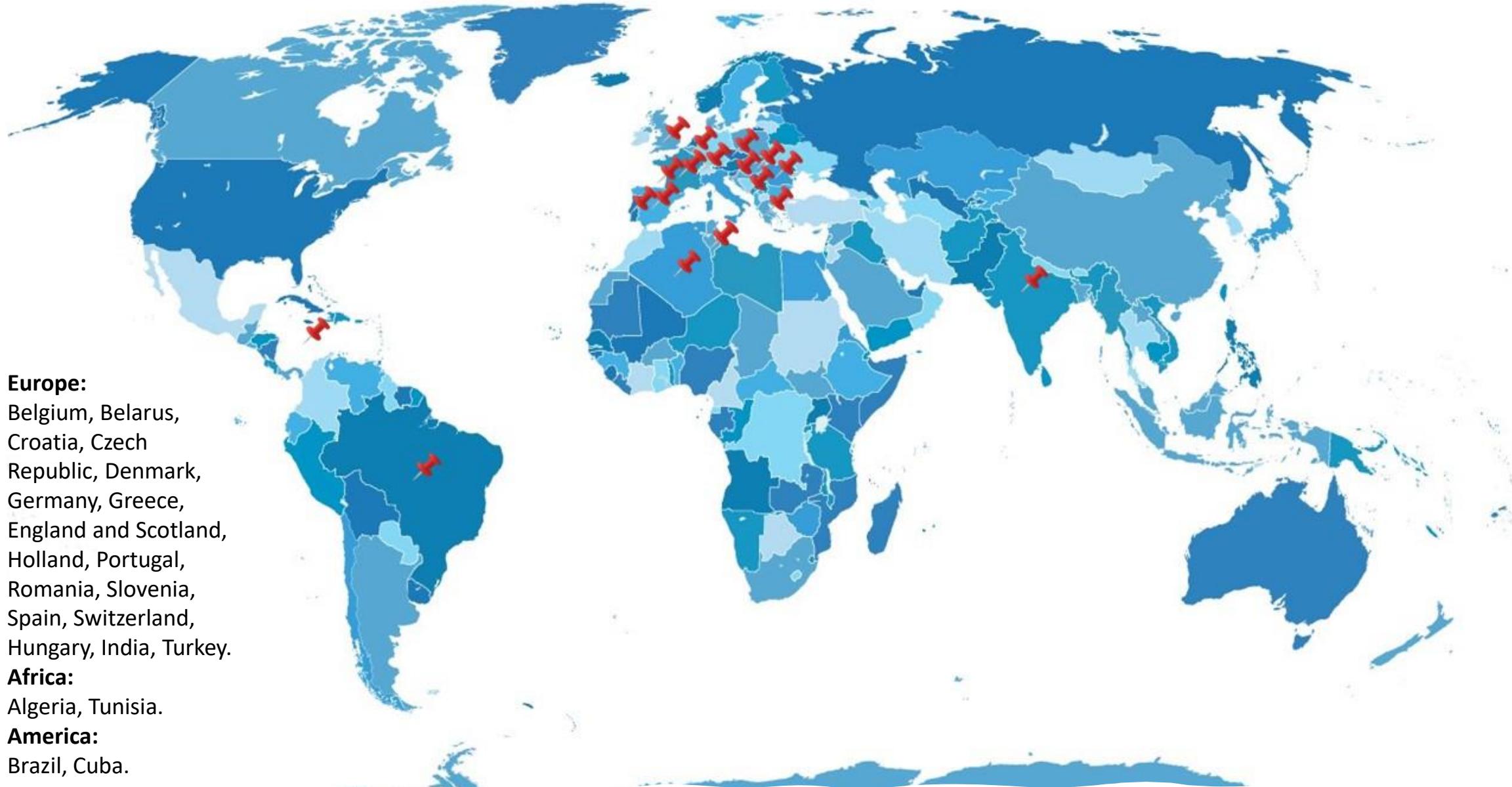
- Packaging*
- Paper converting*
- Case maker*
- Stamp and graphic*
- Tobacco industry*
- Woodworking Industry*
- Assembly*

Accessories:

- Advanced Technology*
- Simple and intuitive use*
- Versatility to meet all requirements*



Our distributing countries



For informations and / or assistance,
please contact us at the following phone number:

+39 0362 54 30 41

For English Language please press 1

SALES OFFICE : please press **2**

stefania@idealttech.it / dana.pariali@idealttech.it

PURCHASING OFFICE: please press **3**

acquisti@idealttech.it

ADMINISTRATION: please press **4**

amministrazione@idealttech.it

TECHNICAL OFFICE: please press **5**

ufficiotecnico@idealttech.it

TECHNICAL ASSISTANCE: please press **6**

aftersales@idealttech.it

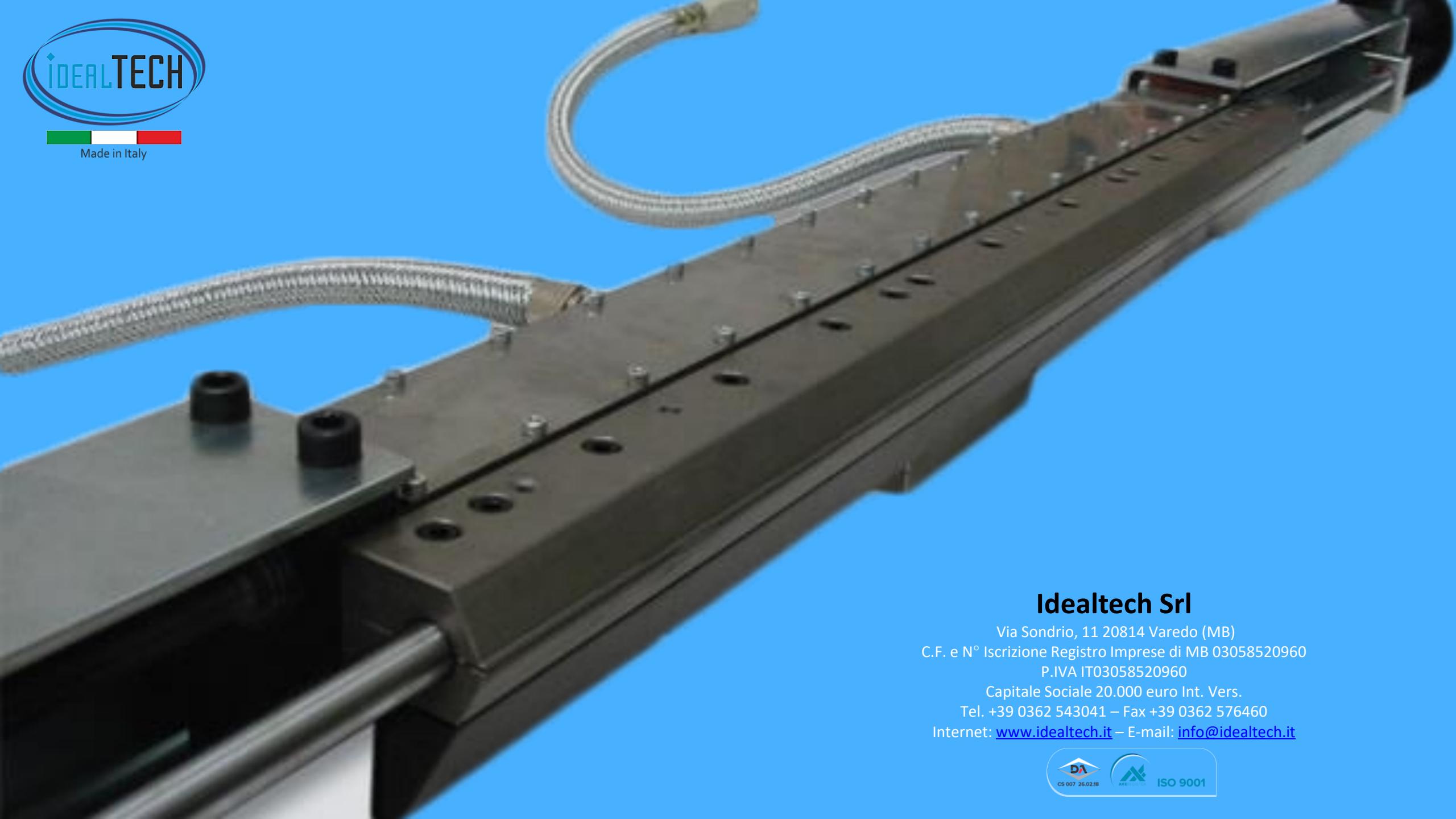
CUSTOMER ASSISTANCE



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Idealtech Srl

Via Sondrio, 11 20814 Varedo (MB)
C.F. e N° Iscrizione Registro Imprese di MB 03058520960
P.IVA IT03058520960
Capitale Sociale 20.000 euro Int. Vers.
Tel. +39 0362 543041 – Fax +39 0362 576460
Internet: www.idealtech.it – E-mail: info@idealtech.it

