components and systems
for industrial automation

Our mission is to satisfy customer’s need by proposing products and services useful to develop his business volume, always maintaining a close cooperation during all stages. Focusing on each customer individually can help creating a long-term relationship of trust. Understand the needs, advise the best solution to optimize the costs of implementation, suggesting efficient and professional solutions is our real aim.

Starting from a specific request from the customer, Alutec carries out a feasibility analysis, designs the machine and realizes the application, always maintaining a close cooperation with the customer during all stages. Alutec makes the most of one’s potential experience and knowledge to get reliable and efficient products, offering unique and innovative solutions. The structural and dimensional analyzes are completed with a careful selection of materials, components and accessories.

100% made in Italy
**Design**

Design is the main phase, and for this reason it requires careful and precise attention. Thanks to the wide experience, our technical office is able to study the best solution starting from simple ideas; Alutec is able to offer the ideal solution to achieve the best result. Starting from the study of the requirements, we proceed with a 3D rendering that allows an easy understanding of the project. The following phase is the assembly, after strict tests on the machines that simulate working conditions we ensure durability and quality.

**Manufacturing**

Thanks to its own internal department with its own employees, Alutec fully manufactures all its products. The close cooperation between the departments allows a 360° control of all working phases from the feasibility study to the design, from the selection of components and materials to the assembly and final realization. This organization allows the development of a wide range of technological products, including transporters equipped with different types of chain or belt, assembly lines and automatic warehouses, maintaining competitive prices with high quality standard.
mission

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consulting services

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Modular applications are the solution to minimize timing machine, with a minimum assembly line dimension. Starting from a specific request from a customer, Alutec Robotics carries out a feasibility analysis, designs the machine and realizes the application, always maintaining a close cooperation with the customer during all stages.

Alutec offers a wide range of accessories and components for industrial automation market. Thanks to its well-stocked warehouse, our company is able to provide a quick answer to customer’s needs, taking into account economic aspect which better meet expectations.

Alutec offers a complete range of fastening, support and finish accessories, suitable for structures and protections manufacturing.
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Components and accessories, gantry and desktop solutions.

With its long experience, Alutec Service offers customers an efficient engineering service, which simulates and then realizes every industrial need.

The technical office is able to evaluate and develop every kind of solution for industrial problems; solutions that will be built with the main material of Alutec Service DNA: aluminium profile. With this material, Alutec Service is able to offer fast, simple and flexible answers.

The manufacturing principle and the essentiality of this technology allows to modify, remodel and adapt existing structures to new working needs that can appear in the future.

We have a complete range of elements for monitors support and clamping, elements for product presence sensors.

We design your linear sliding system.

3D project of an automatic warehouse.

We design your automatic pallet transport system.

We design your accumulation conveyor.

3D project of an accumulation line for agricultural machines components.

GROUP
aluminium
profiles
accessories

GROUP
design and manufacturing
of industrial solutions
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We design workstations and assembly lines

We design your tubular system

We design your belt conveyors

We design your modular belt conveyor

We design your handling line with polyvertebrate chain
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WRa family of cartesian robots, with three and four interpolated axes, combines flexibility, user-friendly programming technology and high precision of the operations. The mechanical part consists of screw axes with linear and rugged ball bearing guides and the self-bearing structure is made of Alutec aluminium profiles. WRa is controlled by a groundbreaking motion control system called ALPHA, already installed on all robots that guarantees reference performances and new functions, for both stand-alone operation and for the communication of the robot with external systems.

Gantry

Movements are performed by Cartesian axes systems with GANTRY structure and three and four interpolated axes (X-Y-Z-R). The machines are supplied complete with structure, wired electrical cabinet, safety guards and EC type-approvals. The work area can be customised from 500x500 mm to 2000x3000 mm, with the possibility to work on the specific work surface of the customer, on automation lines and on piece loading-unloading trolleys. The meticulous design ensures solutions that match the customers’ expectations.
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