



EVOTECH
engineering concept

Consultancy and design

Industrial automation area

About us

"We are what we repeatedly do. Excellence, therefore, is not an act, but a habit." Aristotel

Evotech is a consultancy and design company activating in the area of industrial automation. Specialized in providing turnkey solutions we offer a rich experience in the design and elaboration of integrated applications, as well as in the monitoring, controlling and optimizing the industrial flows.

Counting a wide range of projects carried out in various areas of activity Evotech wishes to meet the new trends in automation and process optimization by developing viable solutions for the Romanian market. The creativity, the boldness, the dynamism, the attention to details and quality, the consistency and the respect for the client define us in everything we do.

Our professionalism and reliability have allowed us to create alliances with strong partners from the area of the industrial components, from the software (simulation methods) to hardware areas, in order to guarantee secure, reliable solutions, with a minimum cost.

We invite you to contact us in order to start a project together, trusting that we share the same conviction: *the future is EVolution.*



INDUSTRIAL AUTOMATION

ROBOTIZED SOLUTIONS

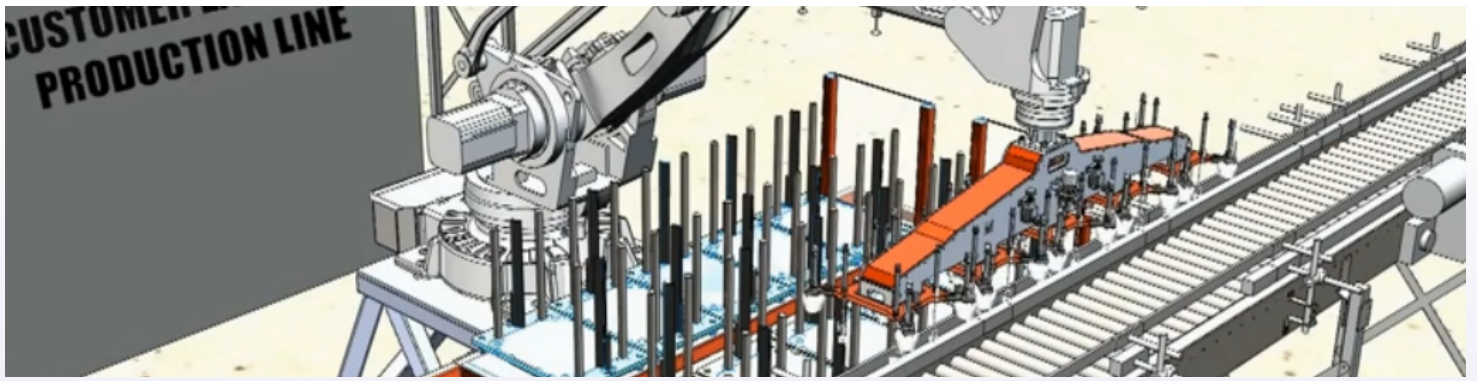
CONSULTANCY

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contact@evo-tech.ro

www.evo-tech.ro



Services and Support

Evotech Engineering Concept offers to its clients the technical consultancy and turnkey solutions for the following areas of activity:

PROJECT MANAGEMENT

Project management is the process and activity of planning, organizing, motivating, and controlling resources, procedures and protocols to achieve specific goals in projects.

Within the Evotech Company, each project has an assigned Project Manager. He will permanently keep in touch with you in order to inform you about the status of the project.

You will have access to the planning document elaborated by using Microsoft Project, so that you can monitor phases of the project, the deadlines, the budget and the assigned resources.

ELECTRICAL DESIGN

Evotech EC delivers complete electrical projects – from design and installation, to commissioning and ongoing inspection and maintenance. Our services include:

- Electrical design using AutoCAD and EPlan;
- General arrangement drawings;
- Single line diagrams and control schematics;
- Built drawings and manuals.

PNEUMATIC DESIGN

Evotech offers different and innovative solutions for automations built on electro-pneumatic architectures, addressed to industries such as Food and Beverage, Automotive, Pharmaceutical, Research and Development. Our main suppliers for pneumatics components are Festo and SMC.

MECHANICAL DESIGN

Our designers' team will provide a concrete shape to your dreams and ideas by means on the virtual environment provided by Solid Works.

The benefit provided by the computer-aided design is the possibility to simulate imagined assemblies without having to create prototypes, reducing the production costs.

This way we'll make sure that our design is what you really want and that the main assembly will fit perfectly into your production line.

SOFTWARE DESIGN

In the area of the electrical automation, Evotech offers turnkey design and automation solutions integrated in different system configurations and technological lines.

We develop software solutions for the following:

- PLC and HMI (Allen Bradley, Siemens, B&R, Omron, LS);
- ABB robots;
- PC software for industrial applications.

MILLING, TURNING AND WELDING PROCESS

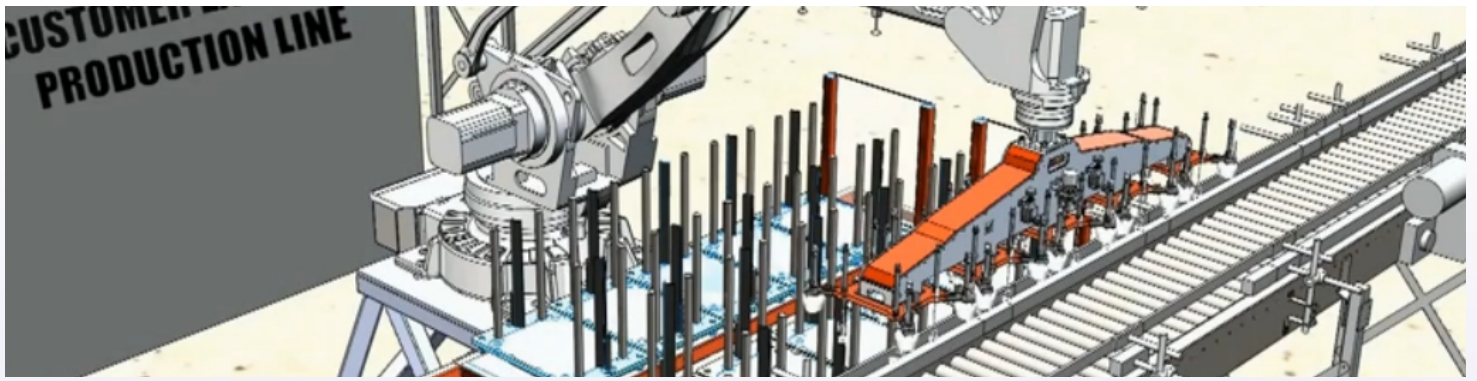
We are specialized in prototypes, small and medium series, counting on our own materials or on the beneficiary's. Our professionalism and reliability represent a guarantee of the quality of our services and products.

LABEL MARKING FOR ELECTRICAL PANELS

Evotech offers the label inscription service for the electric panels and for industrial applications. Contact us and let us worry about the label marking for the application you have developed. All you have to do is send us the information that needs to be marked, in Excel format, and indicate us the type of support material you want to be marked on (tile fire, button labels, project labels, CE, strip labels etc...). The inscription is done by thermal transfer, black and white and different colors under the layer (yellow, gray, red, green, blue).



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Products

GRIPPERS

We design special purpose grippers, according to customer requirements, for complex applications. We develop, manufacture and test together with you the technically and economically best solution for your individual gripper task.

Our standard grippers systems are available for pick & place of plastic, glass, cardboard and wood products and for palletizing bags, cardboard boxes, bundles or KEGs.

We provide high-quality, effective end-of-arm tools to improve our customers' ability to manufacture, package, and ship their products in a timely and cost-effective manner.

ELECTRICAL PANELS

The equipping and commissioning of the electrical panels requires thorough planning, precision and focus on the functions that this one has to accomplish. With over 10 years of experience in the field of industrial automation and installations we provide the electrical panels' assembly service, as well as their design. The quality of execution is ensured by our professionalism and by the compliance with the European standards for industrial equipment.

SUPPORTS AND FRAMES

For most of the industrial applications, the equipment that is part of the production flow is being installed on support structural elements, base frames or on other mounting structures which must allow the system to function as the application requires. The support elements can be rigid or adjustable in different directions, with secure or mobile ground gripping, optimized for each application.

CONVEYORS

Evotech designs and builds custom conveyors, devices and systems (as well as standard conveyors) for packaging, food grade systems or material handling applications. Our engineering staff has the ability to design custom Conveyor Systems to meet your specific needs. We are offering creative solutions for customers unique problems with cost effective, reliable and innovative material handling solutions.

STOPPERS, PUSHERS, DIVERTORS

In industrial production processes there are active elements that modify the trajectory of the product according to certain decision-making factors. Our company has a great experience in providing and implementing solutions for this type of elements:

- stoppers – used in order to stop certain products on the conveyor belt;
- pushers – used in order to push the products from their normal trajectory;
- rejecters – used in order to remove from the production line the non-compliant products;
- diverters – used in order to change the trajectory of the the product;
- alignments – used in order to align the products on the conveyor belt;
- turners – used in order to change the orientation of the product.

These components are designed and simulated in Solid Works according to the specific requests of each application; they are solid and reliable, easy to install, use and the maintenance cost is low.

CARDBOARD SHEETS MAGAZINES

The magazines were designed for cardboard sheets with standard dimensions of 1200 mm x 800 mm, with adjustable side guides that also allows the use of the cardboard sheets with variable length between 1350 mm to 1150 mm and width between 950 mm and 300 mm. This product is offered in two versions, a fixed cardboard magazine and a mobile type, on wheels.

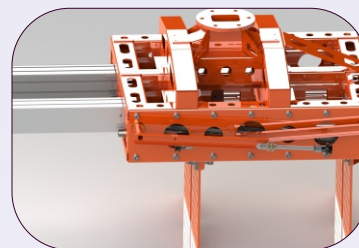
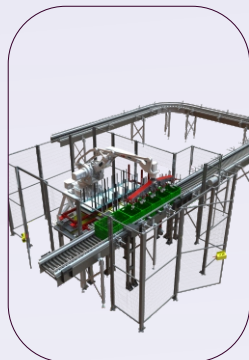
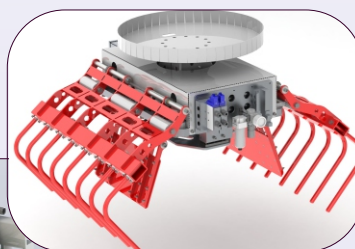
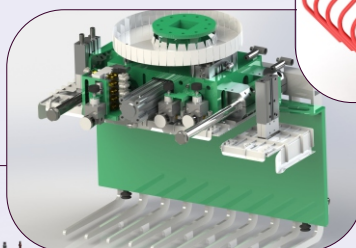
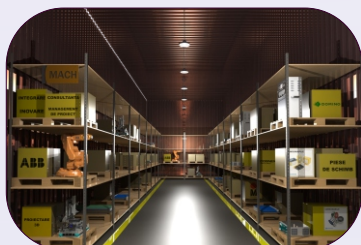
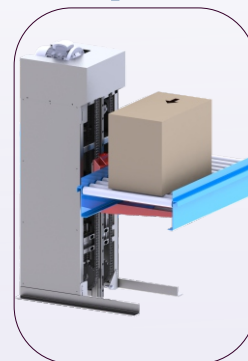
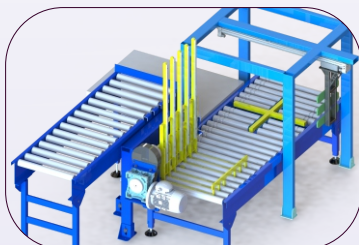
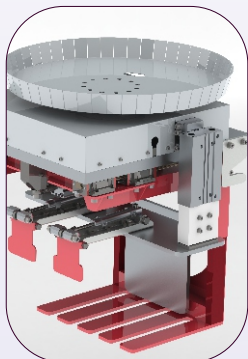


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Our experience and professionalism, along with the reliability and the quality of our products, represent the guarantee that you receive the best solution in the shortest time.

For a complete range of services and equipments
please visit our website: www.evo-tech.ro

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