

**We innovate
motion.**

COMPANY PROFILE

We design solutions.

The value of Titanlab lies in its ability to understand the real needs of each individual client and, combining its experience in R&D and the search for the best materials and components on the market, to create engineering solutions at a high technological level, which are as unique as the needs they must meet.

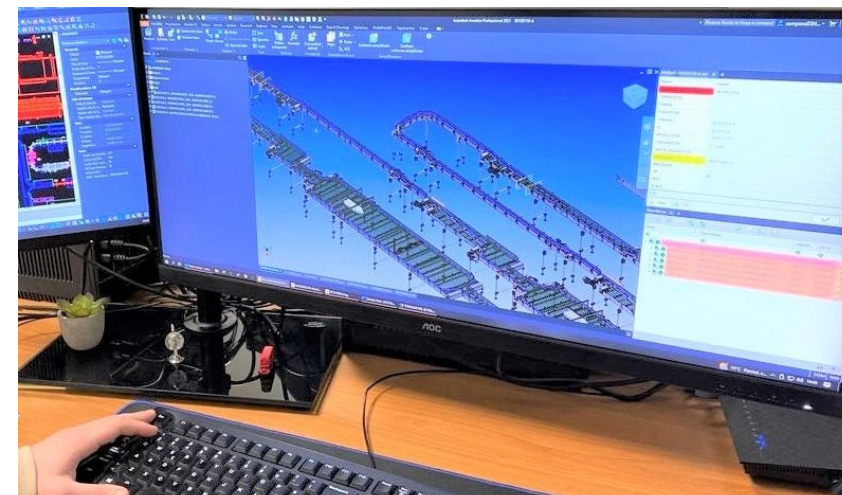
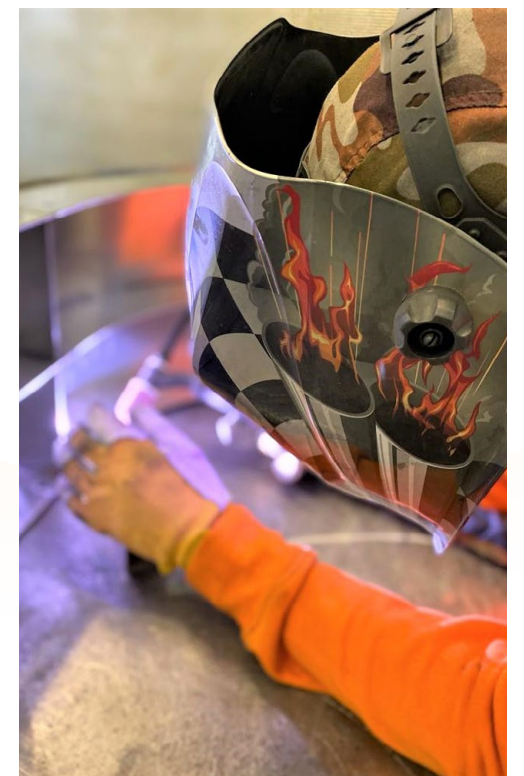
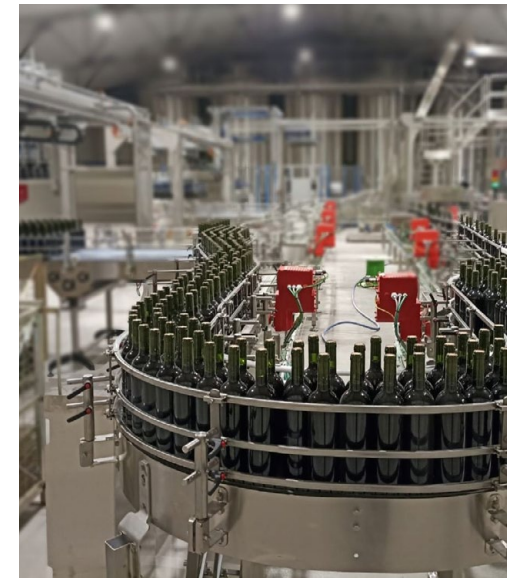
Thanks to our commitment and skills, we guarantee the study and design of customised systems, technical support and assistance at every stage of the order, up to installation and testing.

Providing cross-cutting solutions and spanning various sectors including Food&Dairy, Beverage, Pet Food, Tissue, Packaging, Home&Personal care, Pharmaceutical, Paper&Printing, Chemical and Logistics, Titanlab is able to offer a complete system of Consulting and Engineering, placing itself at the service of the client in all phases of design and construction.

We innovate motion

Titanlab is:

- Plant engineering
- Customised solutions
- Creation of high-quality solutions
- Excellent value for money
- Constant technical support to the Client
- Quick delivery times
- Assistance during installation and testing at Clients' premises
- Capillary Customer Service: technicians available all over the world, short intervention times, quotation and supply of spare parts "just in time"



"Creating innovative movement solutions means improving production flow and performance"

A partner that is always at your side, from analysis to after-sales.

Any industrial and production sector can find in Titanlab the best partner to ensure efficiency and optimisation of handling in the supply chain.

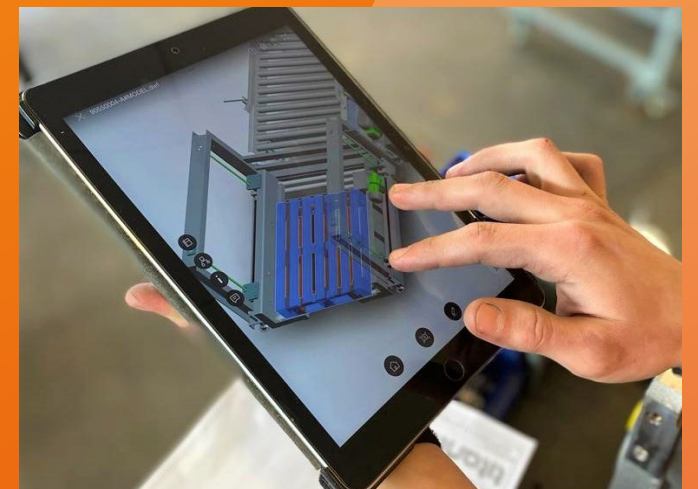


Consulting, reliability and versatility at the service of the Client

In the study and implementation of ad hoc solutions, Titanlab best expresses its potential, developing customised projects, engineering them and translating them into applications that can meet even the most complex production needs.

The care of the individual product and the management of production flows require special skills, know-how and creativity: Titanlab's Engineering service is able to respond to every request and propose layouts dedicated to different needs.

The range of solutions designed and manufactured by Titanlab includes various conveyors, power and storage systems to be coupled to the machines of the line (from the blower to the filler, from the labeller to all primary and secondary packaging machines), accessory devices such as diverters, aligners, elevators and descenders, rotation systems, rinsers and drying tunnels, as well as special devices.



1. Feasibility study

Titanlab Engineering carries out an accurate feasibility study at the client company, to evaluate the efficiency of the existing production facilities and analyse the productivity and space needs. The collection of information and listening to the needs and objectives of the Client are fundamental steps to understand their needs and ensure the identification of the optimal solution.

3. FAT, delivery and installation

The machines made are prepared and pre-tested in Titanlab to verify their efficiency and compliance with Client requests. After delivery, in compliance with the agreed needs and schedules, the assembly and installation operations by the Titanlab team take place. The next phase involves integration into the line and start-up until the expected functionalities are obtained.

2. Design and manufacture

Depending on the different needs of the Client, Titanlab professionals study in detail the most suitable solution and layout, proposing flexible and customised systems to respond to particular requests. The construction phase sees the use of high-quality components and innovative technological solutions to shape the ideal product.

4. Testing, training and manuals

The testing phase is essential to test the correct operation and the correct setting of the operating parameters and ends with the achievement of the required production capacity. Once the test has been completed, Titanlab's staff supports the Client's operators to train them in the correct use of the machine-system, answering all questions and providing useful use and maintenance manuals to independently solve the most common needs.

We create solutions dedicated to unique needs.

Alongside each client, offering a valid Consulting and Engineering service, we carry out feasibility studies and, thanks to the breadth and completeness of the range, we create layouts that are capable of responding to different productivity and space needs.

Conveyor belts

The numerous types of conveyor belts produced by Titanlab always meet the needs of the Client and are classified according to two main elements.

Product category:

- Bulk product
- Primary packaging
- Secondary packaging
- Pallet

Used transport system:

- Flat-top chains
- Modular belt
- Conveyor belts
- Motorized rollers
- Idle rollers
- Pallet transports



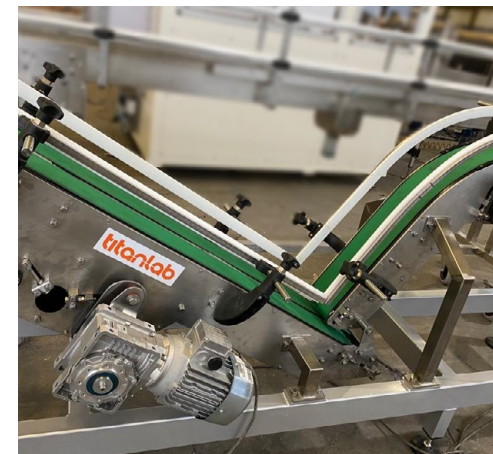
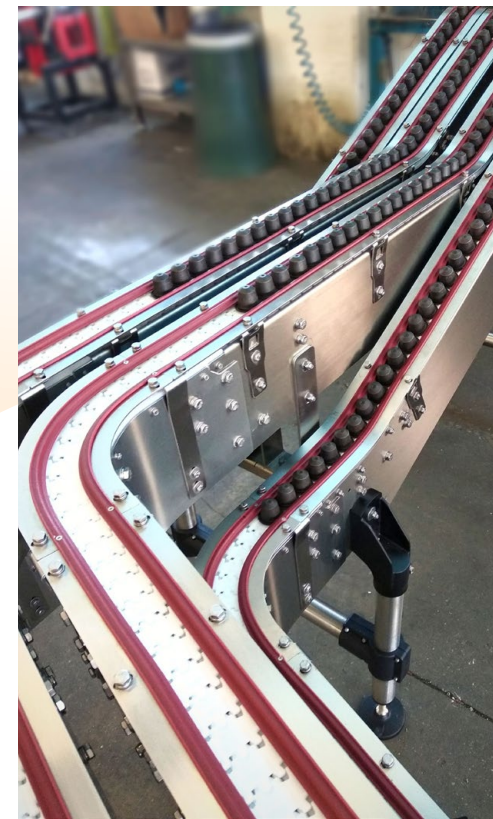
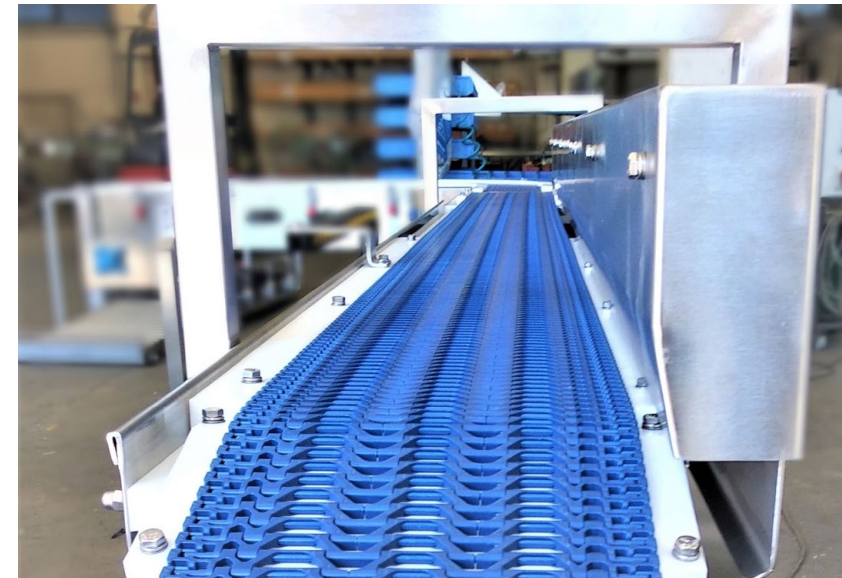
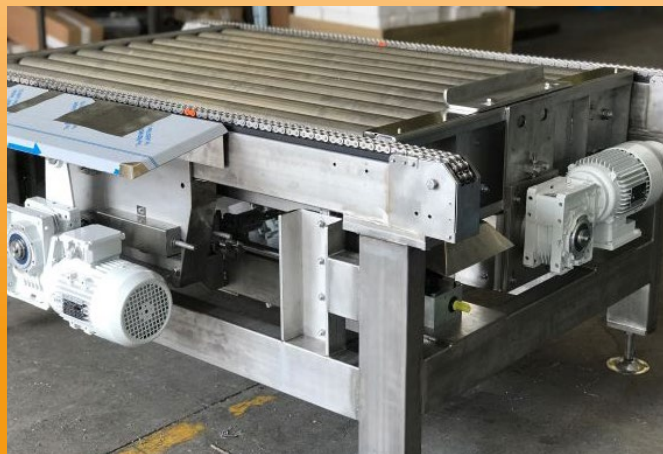
“A complete range of technological products designed to satisfy every needs”

Accessory machinery production lines

Titanlab's offer includes several machines, indicated below according to their functionality:

- Dividers/combiners
- Product orientation systems
- Static and dynamic buffer tables/combining tables
- Drying tunnels
- Magnetic conveying and tilting systems
- Product elevators/
- lowerators
- Rinsers
- Tilting devices
- Stacking units
- Special devices (feasibility study and production)

Essential elements for the efficiency of production and processing processes, complementary machinery can be perfectly integrated with all Titanlab technologies.



Divider, Sorter e T-Buffer: solutions that improve performance.

Through the development of solutions such as Divider, Sorters and T-Buffers, TitanLab provides the Client with the best of design innovation in the field of handling systems.

Divider

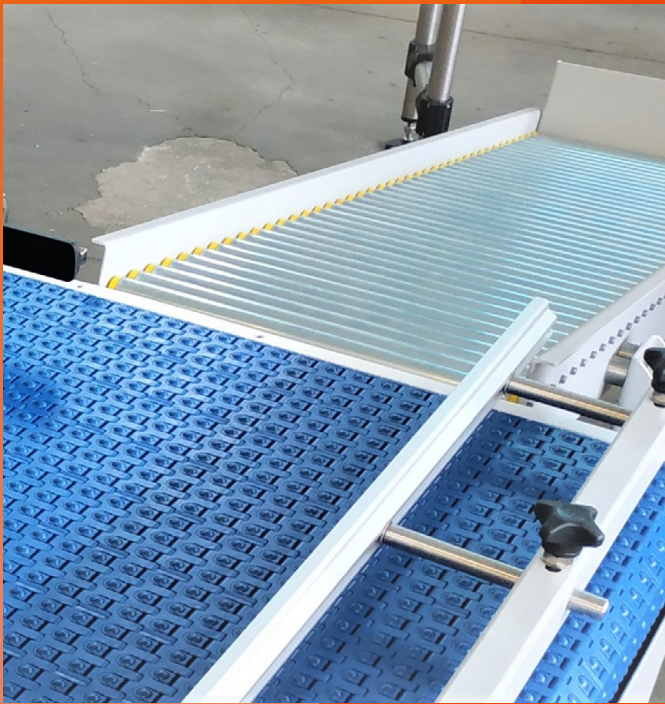
The TitanLab range of lane divider is able to meet the most disparate demands in terms of production speed and type of products to be processed. For slower productions, the single-axis divider is available, the main feature of which is to carry out sorting in a discontinuous manner, that is, to pass from one channel to another, the products are blocked. For the fastest productions (from 12,000-14,000 products/hour) or for particularly critical products, the dual axis divider version

is available, whose main characteristic is to perform continuous sorting without being forced to stop the products. This is thanks to the use of two brushless axes instead of one, as is the case for the single-axis version. There are two versions of the dual axis divider: the "E" type, which is more compact for speeds up to 22,000-24,000 products/hour and the long version for higher speeds.

SORTER

A sorter is a very compact and flexible solution, an original answer to common problems. It is an innovative sorting system that is capable of dividing, rotating and aligning stable products with a regular shape, mainly secondary packaging. It can be combined or integrated with any packaging machine.

Capable of handling multiple in-feeds and out-feeds, it can also be used as a rejection system. Among its various strengths, it boasts a clean and accurate design, without the need for safety guards. It can reach speeds of up to 40 packages per minute.



T-BUFFER



The T-buffer storage system is an innovative solution that allows you to efficiently manage the process of accumulating products of various shapes and sizes in a single row. This storage system is designed to ensure maximum reliability and quality of the final product. In fact, thanks to the possibility of maintaining a predefined distance between products, common problems associated with classic accumulation are avoided, such as clogging and damage to packaging and/or labels.

In addition, the T-buffer system offers the possibility of accurately managing production speeds, ensuring an optimised workflow and reducing downtime. This translates into greater production efficiency and a reduction in overall operating costs. Choosing the T-buffer storage system means investing in an innovative technological solution that can significantly improve the production process.

The logo for Titanlab, featuring the word "titanlab" in a white, lowercase, sans-serif font. The letters are bold and modern, with a slight gap between the 'i' and 't' in "titan" and the 'l' and 'a' in "lab". The background is a solid orange color.

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