



PENTATECH

IDEAS AND PASSION



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# ABOUT US

Pentatech Srl was established in 2007. The company was set up to become a leader in the corrugated cardboard industry, a reference in the supply of services and qualified technical support dedicated to handling machinery and lines.



Just a couple of years after it was established, the company started to be successful in the sector and a few months later it started to design, build and install the first machines and the first handling systems thanks to the go-aheadism of its staff and the trust some key customers had on us.





Several projects later, in 2012, a new technical-business division was opened in the Group aimed at finding the best solution to a packaging company's problem providing dedicated and reliable advice and accompanying customers throughout the entire process from the very first conception to the final execution of a specific project.



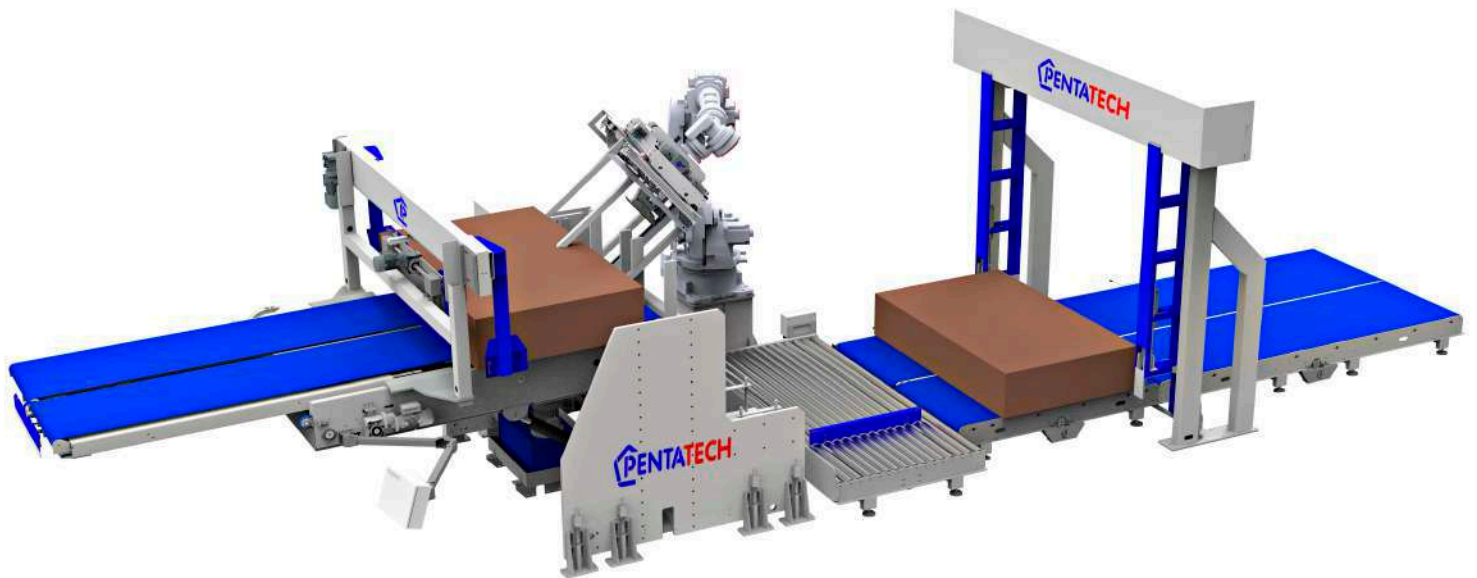
In 2015, the company moved to larger premises that were fully equipped and capable of handling the increase in production volumes. A new production hall is currently under construction to further expand the production area, confirming a solid and well-planned growth trajectory.



Over the last five years, the company has recorded significant growth both financially and organisationally, expanding its presence into new markets and consolidating relationships with key clients. In addition to the Italian market, Pentatech has completed numerous installations abroad, in Europe, North Africa, Saudi Arabia and Russia, strengthening its international position.



# CRAB ROBOT PREFEEDER



Automatic prefeeder for feeding top - or bottom-printing machines, consisting of:

- Motorized ACETAL conveyor complete with bulkheads to stop the stack for picking up bundles of sheets and ejecting the last sheet
- Six-axis anthropomorphic arm complete with clamp for bundles pickup and deposit
- Sheets feeding extendo complete with bundles squaring section
- Continuous shingling feedin.

# CVB AND CVA PREFEEDER



Block feeder highly reliable and fully automatic, suitable for feeding FFG, rotary diecutters, flatbed die-cutters and flexo printing machines (HBL version).

Homogenous and constant shingling feeding.

Available for bottom-printing machines and for feeding top-printing machines.



# CVB BIG PREFEEDER



Block feeder highly reliable and fully automatic, suitable for feeding FFG, rotary diecutters, rotary die-cutters and large stamping lines .

Homogenous and constant shingling feeding, 10" touch screen operator interface, with its graphical interface, ensures quick and easy set-up.

Possibility to save and recall set configurations.



# CVE PREFEEDER



Block feeder highly reliable and fully automatic, suitable for feeding FFG, rotary diecutters, flatbed die-cutters and flexo printing machines (HBL version)

Homogenous and constant shingling feeding Equipped with a module for bundle tipping, it can be used for both top- and bottom-printing machines with printing from below.

The functionality of this module can be activated or deactivated by the operator via touch panel setup screen.



# CTB AND CTA PREFEEDER



Highly versatile and sturdy machine, easy to set-up and use; suitable to feed bundles of cardboard sheets to FFG or rotary die-cutters of large size.

Device that can be fitted crosswise on the belt surface to rotate the bundles of sheets to be coupled to top-printing machines. Upon request the prefeeder can be supplied complete with a bundle centring unit and an integrated sheet shingling device.



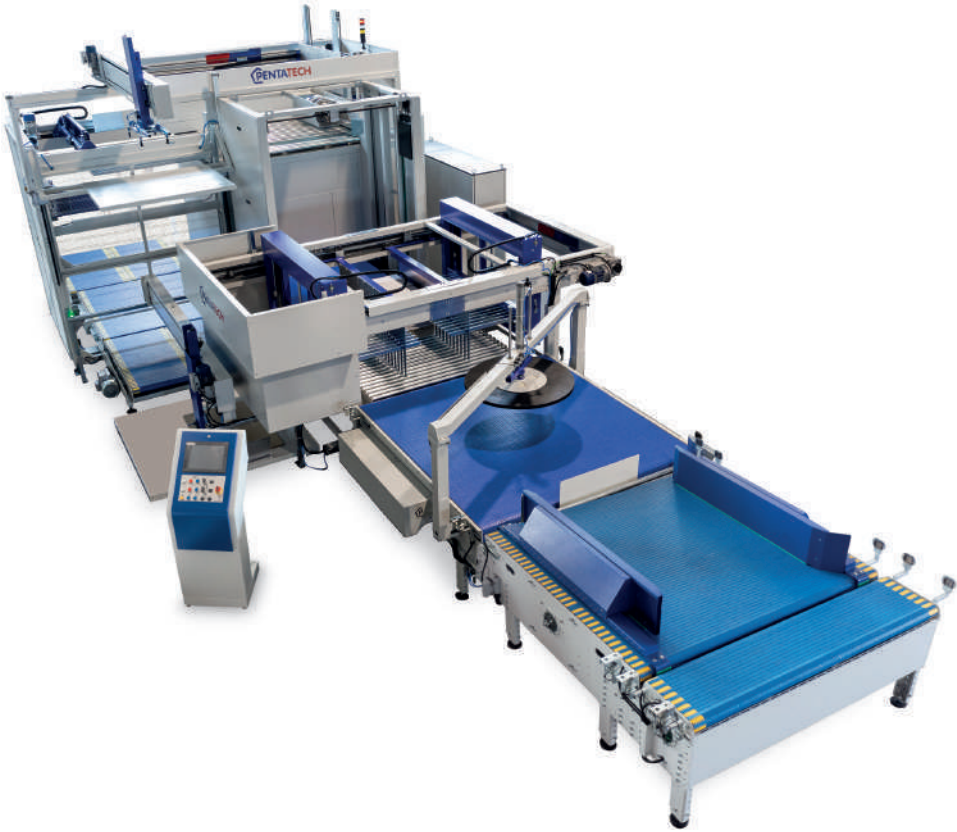
# PALLETISING STATION WITH ROBOTIC ARMS



System designed to ensure reliability and operation continuity. Its flexible layout and simplified maintenance make it easy to integrate into production lines.

It offers a range of configurations depending on the type and size of the flexo which this machine intend to assist.

# PLT PALLETIZER



Machine designed for stacking bundles of folding boxes in single or multiple layer. Touch screen operator interface for quick and easy set-up. Chance to save and recall the pre-set configurations.



# PLP PALLETIZER



Automatic machine designed for palletizing one or two stacks of bundles of die-cut boxes, complete with:

- ACETAL table for bundles rotation and alignment
- Automatic layer former with triple bulkhead for layers squaring
- Automatic interlayer sheet inserter
- Conveyor for pallet or bottom sheet inserting
- Four-sided stack squaring
- Setup adjustments managed via 12" touch screen.



# PLT-F PALLETIZER



Palletizing line specifically designed for the separation, layers formation and stacking of bundles of die-cut boxes both flat and rotary mode.

Several elements can be integrated into the line:

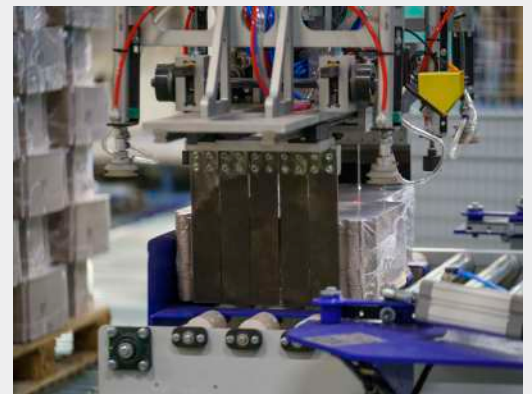
- BRK Breaker
- GMA rotating table
- VST Layer turner



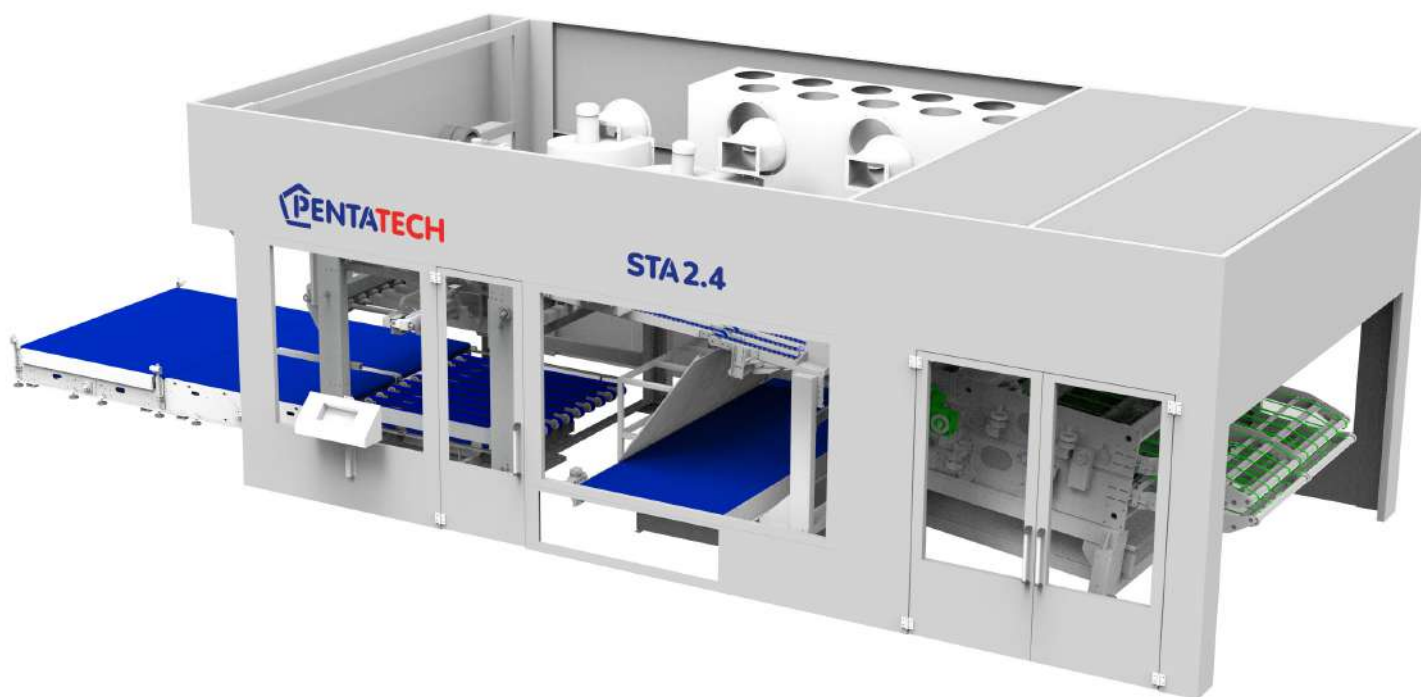
# PLT-R ROBOT PALLETIZER



Palletizing line with anthropomorphic arm complete with support base, multifunction gripper for picking up bundles/sheets/pallets, base/interlayer sheet magazine, pallet warehouse. Touch screen operator interface for quick and easy set-up. Chance to save and recall the pre-set configurations.



# STA VACUUM STRIPPER STACKER

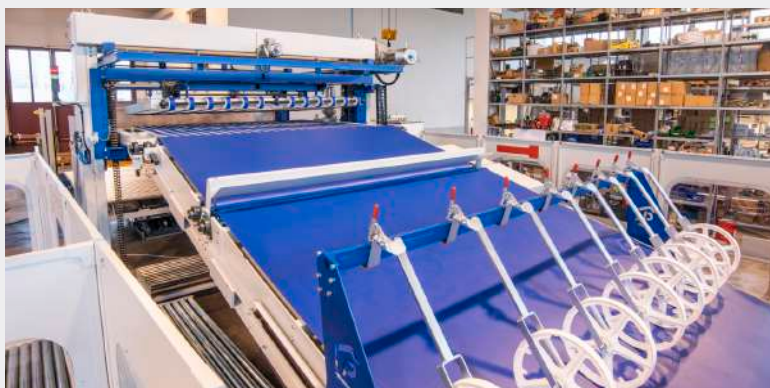


Stripper Stacker for die-cut boxes with a fully automatic set-up, the machine is composed by a stripping section with adjustable round belts, a sheet transport section with suction belts from above and a device for collecting and squaring the bundles.

# STS - STM STRIPPER STACKER



Machine to stack die-cut sheets; a key device to be used together with rotary die-cutters. The machine can be supplied equipped to collect stacks or bundles. For the latter, the machine works in synchronicity with the palletising lines of the die-cut sheets.



# ST STACKER



Stacker for collecting and stacking printed sheets.

Usually combined with HBL printing lines, it allow to stack sheets in high-stack mode.

Stack quality is ensured by a squaring section, composed by front and sides joggers.

The latter, being motorised, have the possibility of backwards and forwards, guaranteeing an even evenly along the entire side of the sheet. Equipped with a non-stop system, it allows the stack change process without having to stop the feeder. Pallet/sheet loading system via external conveyor.



# MP AUTOMATIC PALLET INSERTER



An essential device in all strapping lines for a smooth and constant flow of finished products.

Used to place pallets under the stacks of boxes or sheets in a fully automatic mode. The machine consists of a double stack lifter complete with opposing jiggers that work in synchronicity with the gripper that picks up and lays down pallets.



# MFA SHEET INSERTER



Automatic inserter to put protection sheets on top of boxes.



# RB STACK DOUBLER



Device suitable for the end of the production line to double the stacks of boxes or sheets, with or without pallet.

Useful to increase the storage capacity of the end-of-line conveyors and to help speed up all unloading and storage tasks by the operators in charge.



# S1280 PALLET DISPENSER



Designed to feed those lines in which pallets need to be inserted, such as automatic or semi-automatic load formers.

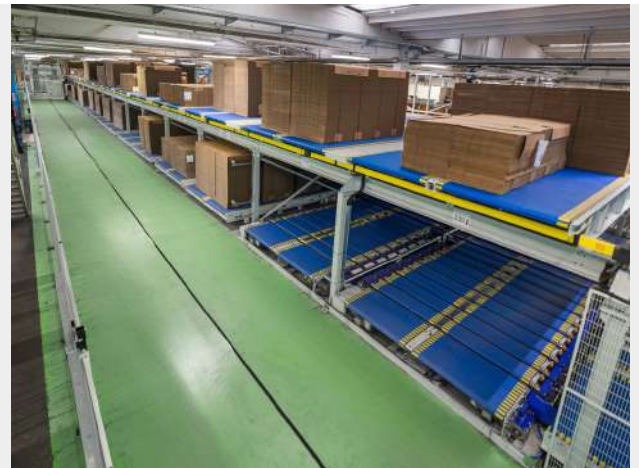
The dispenser consists of a pallet alignment and centring device and another device to insert the pallet that works in synchronicity with the machine it is connected to.

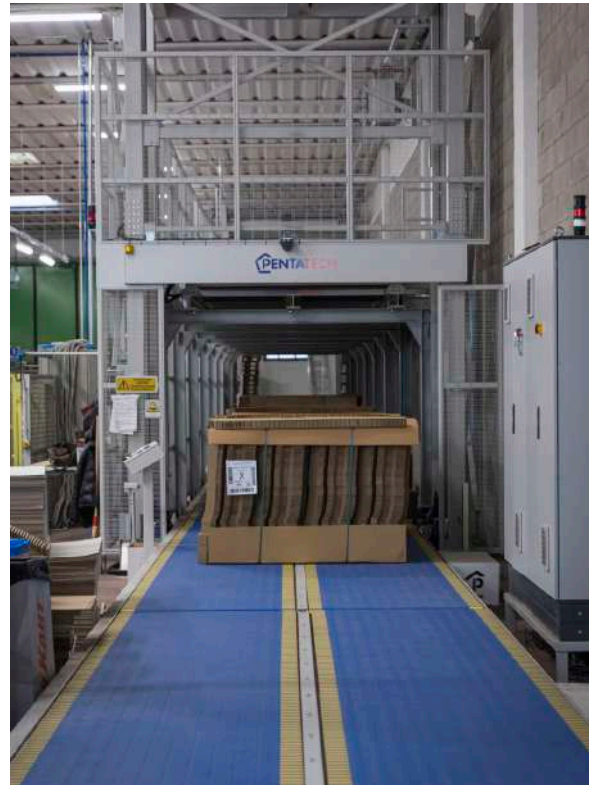


# AUTOMATIC WAREHOUSE



Two-level automatic cardboard sheet storage system. The product is identified on arrival, the software automatically calculates the useful space for perfect storage optimization and tracks the position of each product inside the warehouse. According to the work plan, it is possible to recall a specific product to be sent to the production department. The warehouse is modular and adaptable to different needs, it is composed of two levels of ACETAL plastic belts conveyors and an automatic shuttle car with integrated lift for transporting and picking up the products.



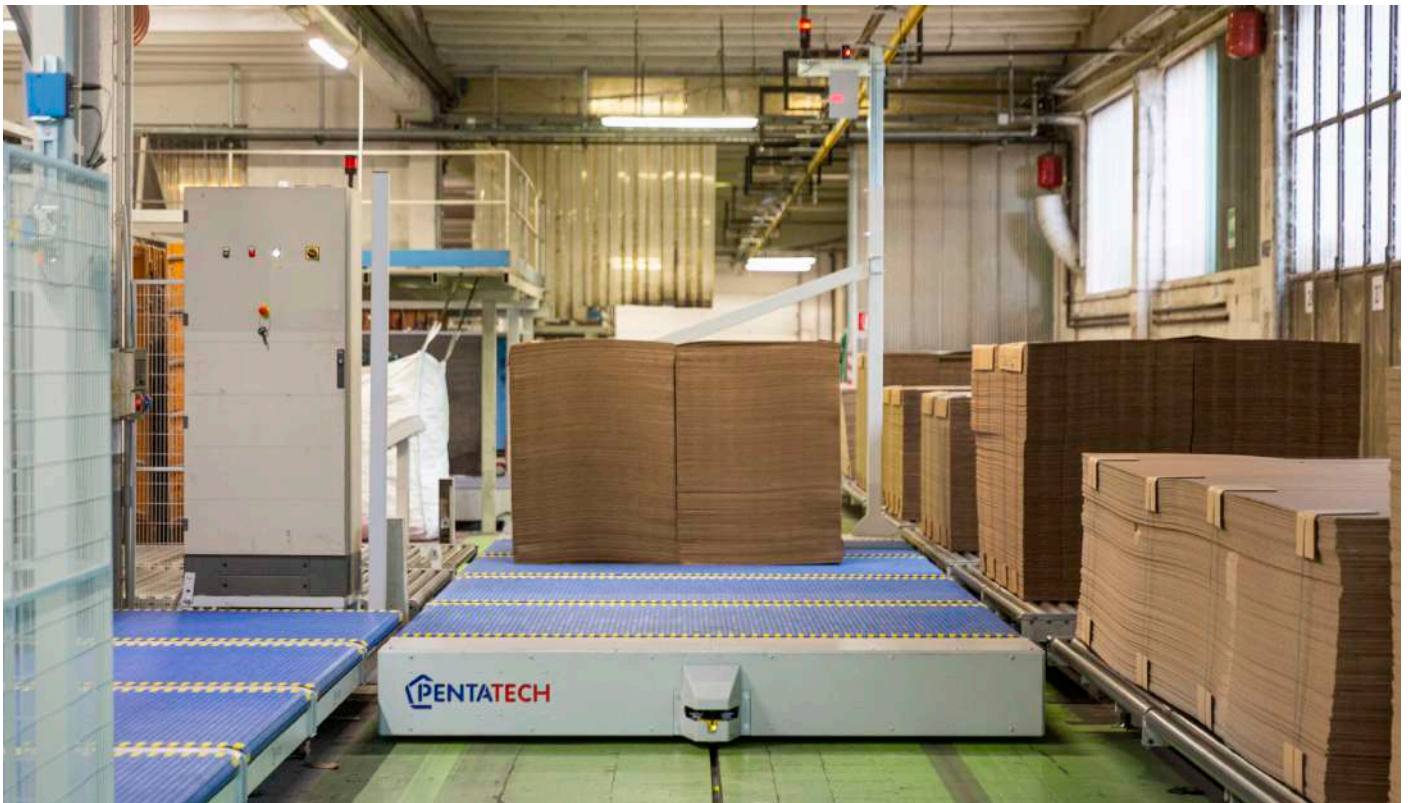
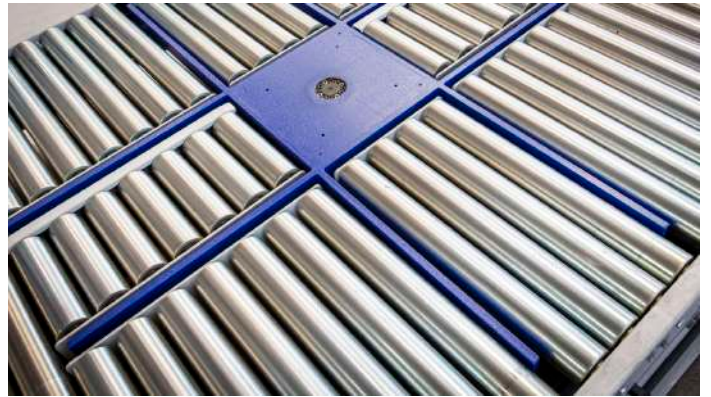


# MATERIAL HANDLING

The material handling range designed by our company includes a wide selection of devices to move and handle products to be processed as well as finished products.

Our range: undriven and motorized roller conveyors, automatic shuttle cars with rollers, piles turntables, roller/chain 90° deviators, conveyors and automatic ACETAL plastic belt shuttle cars.

The types and sizes of conveyors vary depending on the final design and layout chosen by the customer.





# OUR SERVICES

We offer specialized technical consultancy, supporting clients in the development of customized layouts while ensuring consistent commercial support. Our services cover all client needs full including design of layouts and plants, development of electrical panels and software, after-sales support, and spare parts supply. Our strong point lies in the close collaboration between our different departments, enabling us to deliver efficient and fully integrated solutions, backed by a team of professionals with over twenty years of experience in the industry.



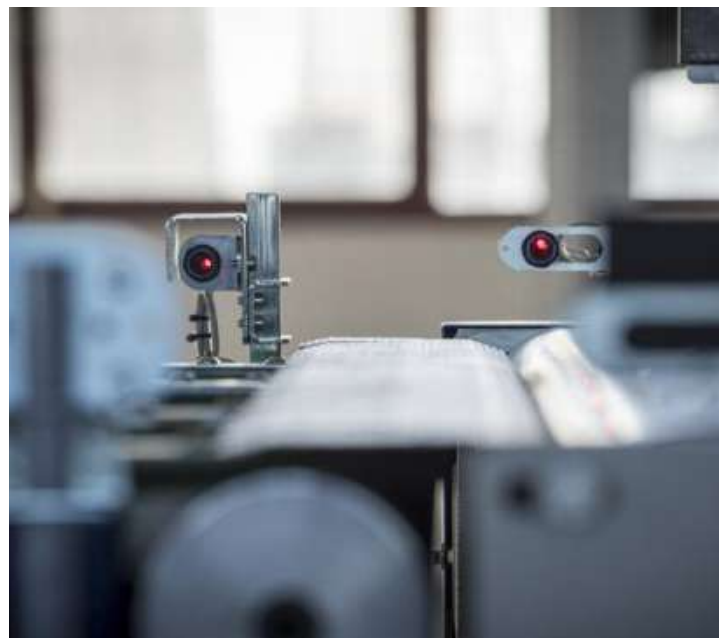
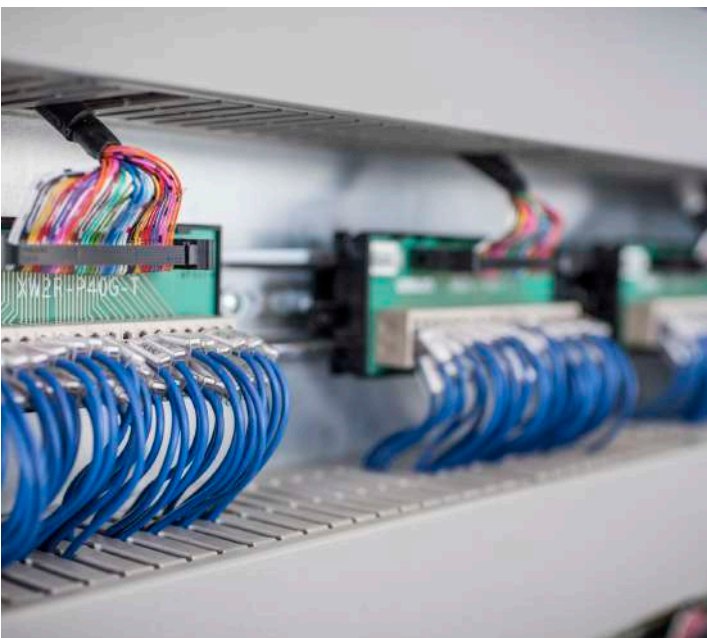
We also have a dedicated service department with a direct phone line, ensuring fast and effective support. Our technicians respond promptly on-site to carry out installation, maintenance, and servicing operations on machinery. Our offer is completed by a structured spare parts supply and sales service, designed to ensure operational continuity and minimize downtime.

**Technical  
consultancy**

**Layout and  
system design**

**After-sales  
service and  
spare parts  
management**

**Development  
of electrical  
panels and  
software**



PENTATECH



The image shows a close-up of a white machine panel with the Pentatech logo. The logo consists of a stylized house-like shape in blue, followed by the word "PENTATECH" in blue and red capital letters. Below the logo, the text "Soluzioni per il packaging" is written in a smaller blue font, and "Group" is written in a red script font. The machine is part of a larger industrial setup, with a blue coiled spring and a multi-colored indicator light visible in the background.

**PENTATECH**  
Soluzioni per il packaging  
Group



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