



VETRO

COLD END
SOLUTIONS

MECCANICA

ASK FOR MORE



THE COMPANY:

- **Established in 1992**
- **Headquarters in Parma, Italian Packaging and Technology Valley**
- **150 Employees**
- **Indoor Production Site: 16.000 m²**
- **Outdoor Production Site: 23.000 m²**
- **Worldwide Presence**

WORLD WIDE PRESENCE

Thanks to our care for details and to a highly qualified after-sales service we are an important player in more than 70 Countries with many turnkey installations



Our agents & representatives



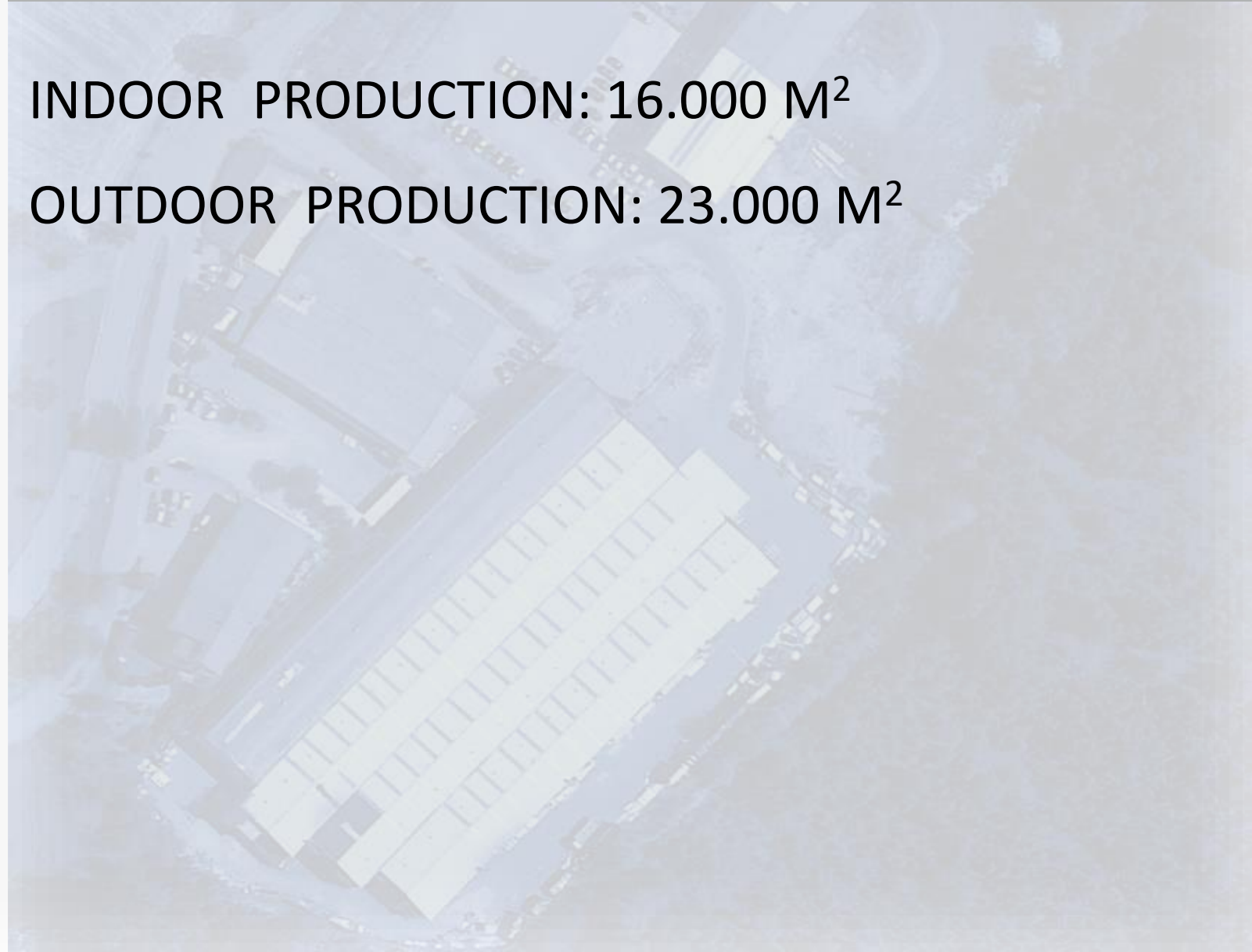
EXCLUSIVE SALES REPRESENTATIVES:

- MEXICO
- Usa Florida
- BRAZIL
- ALGERIA
- ST. PETERSBURG – RUSSIA
- SINGAPOUR
- THAILANDIA
- INDIA

Production site

INDOOR PRODUCTION: 16.000 M²

OUTDOOR PRODUCTION: 23.000 M²



The new photovoltaic system

Vetromeccanica is Investing in the Sustainable Future

Thanks to the 2124 square meters of our brand-new photovoltaic system we are reducing of 158.000 kg per year the CO2 emissions, contributing to sensibly mitigate the effects of the climate change.

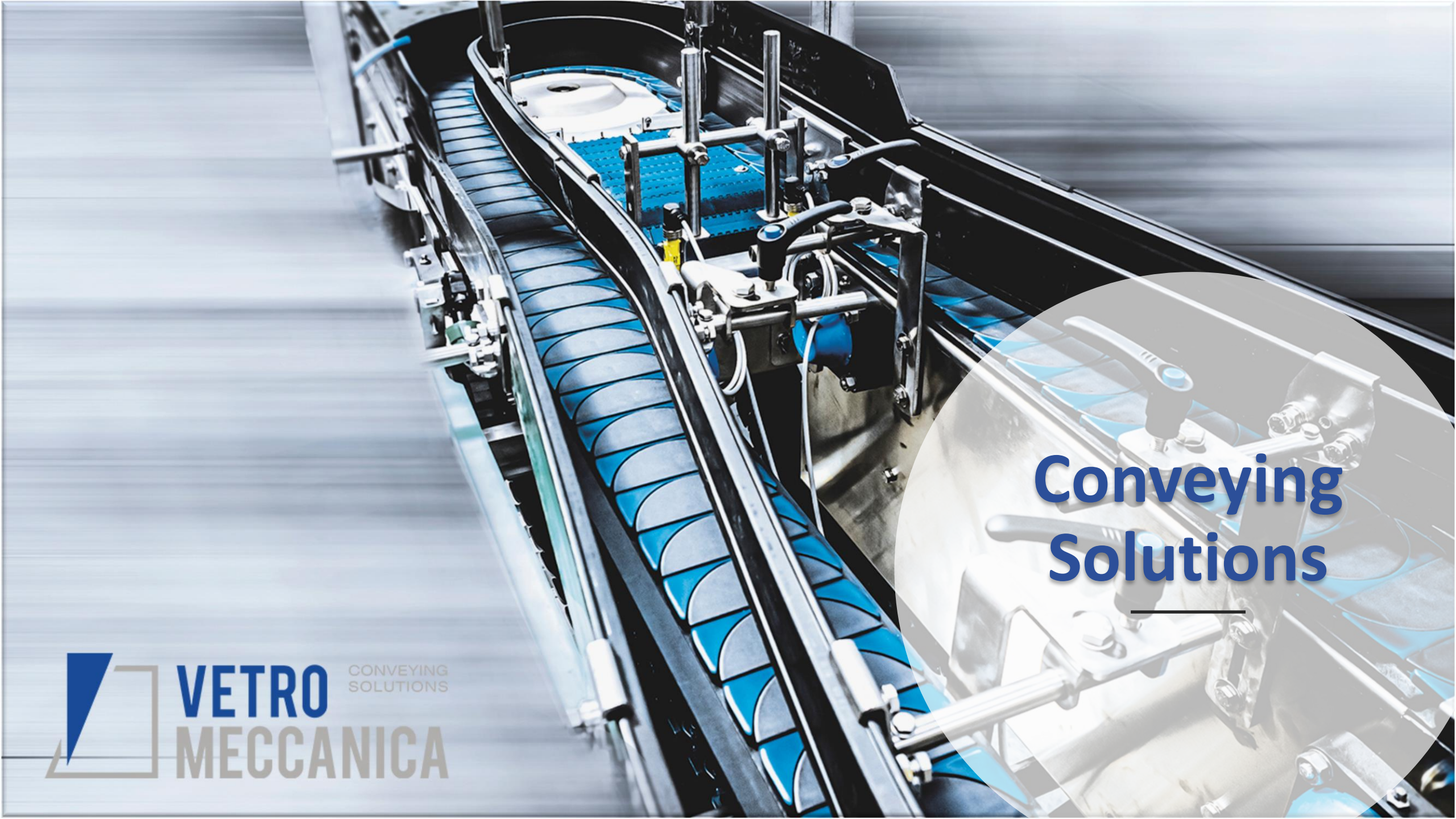
At present we are covering on the average the 60% of our company energy requirement.

- ♻️ 500 | Equivalent of planted trees/year
- 👉 158 | Tons of CO2 emissions reduced/year
- ⚡ 393 | Power (kWp)
- ☑️ 60% | Covering of company energy requirement
- 📅 Mar 2020 | Installation date



VetroMeccanica

3 Divisions:



Conveying Solutions

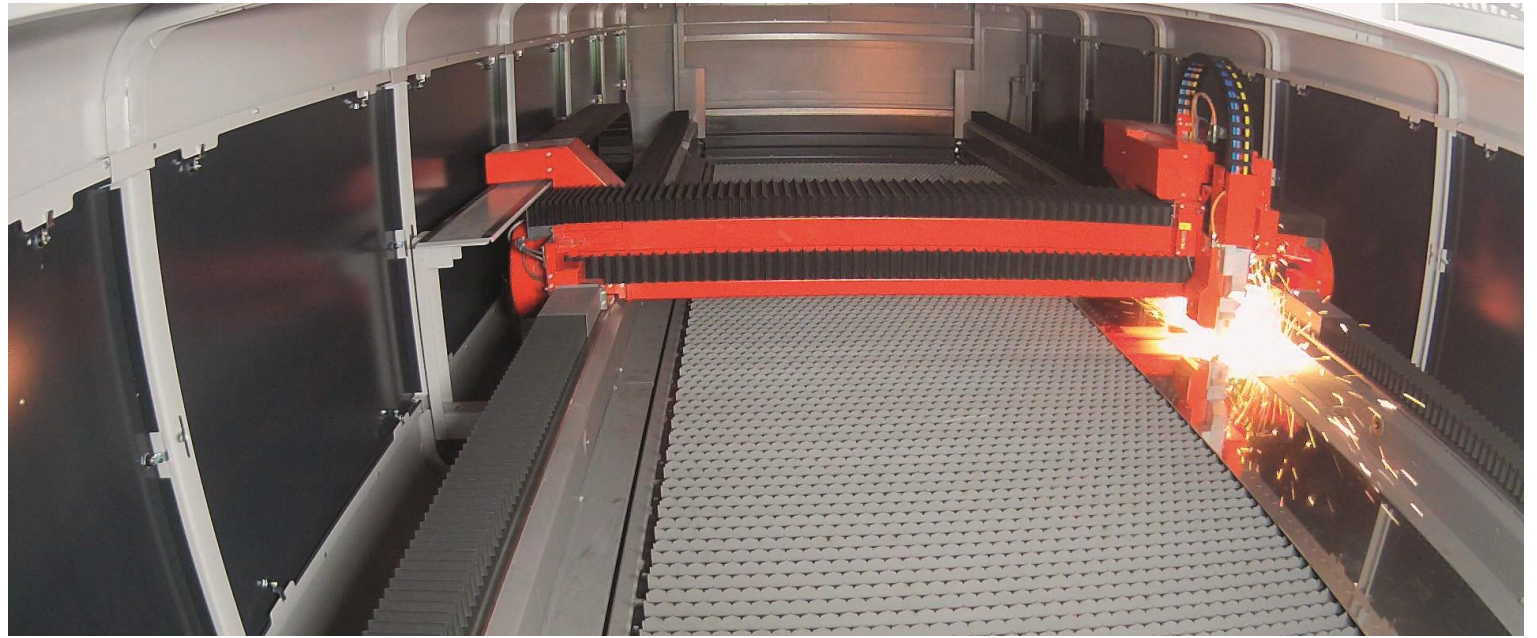


VETRO CONVEYING
SOLUTIONS
MECCANICA



Cold End and Palletizing Solutions





Mechanical solutions



How we work



Engineering Department
R&D Department
Automation Department
Sales Department
After-sales department

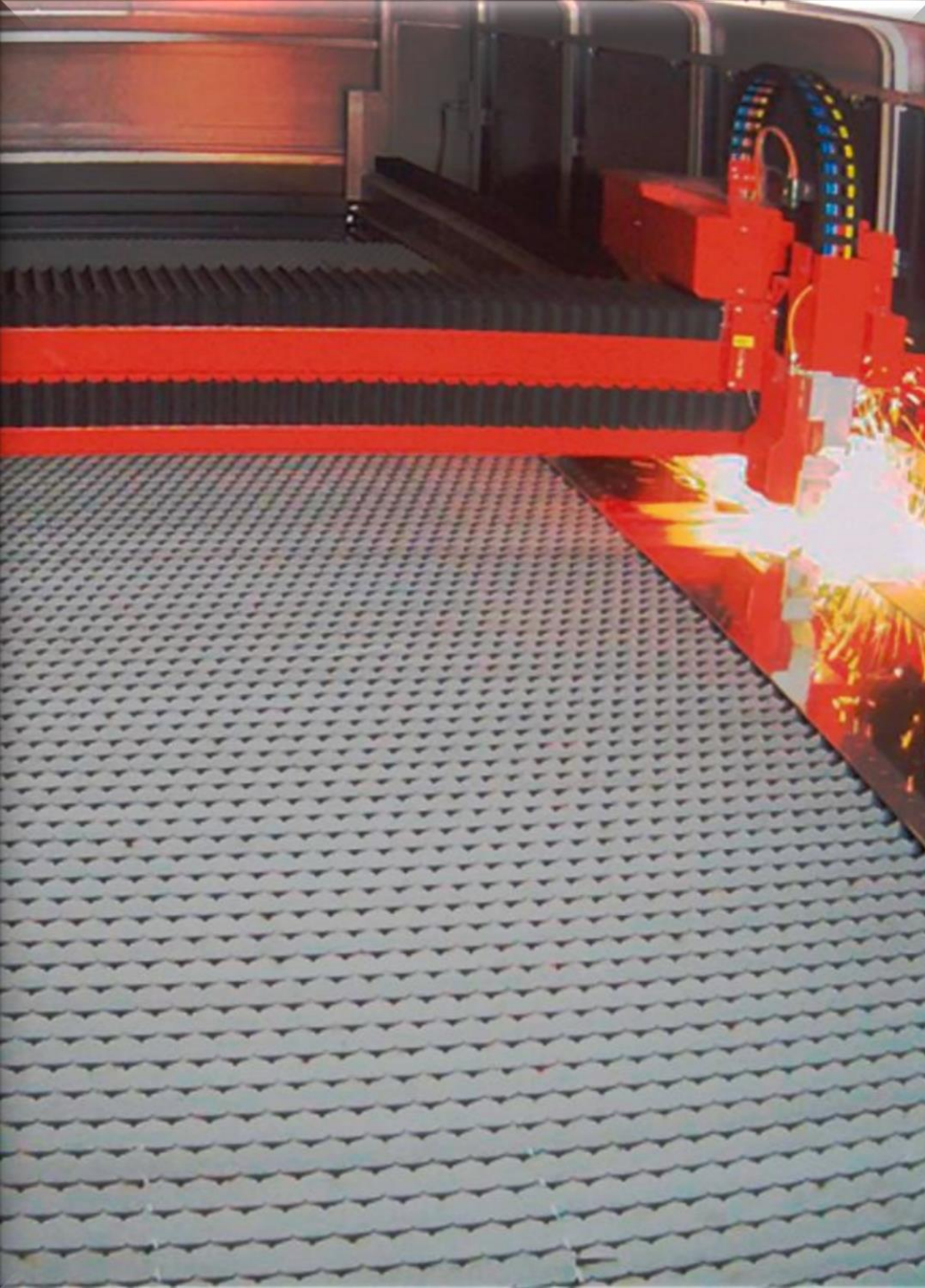


Engineering

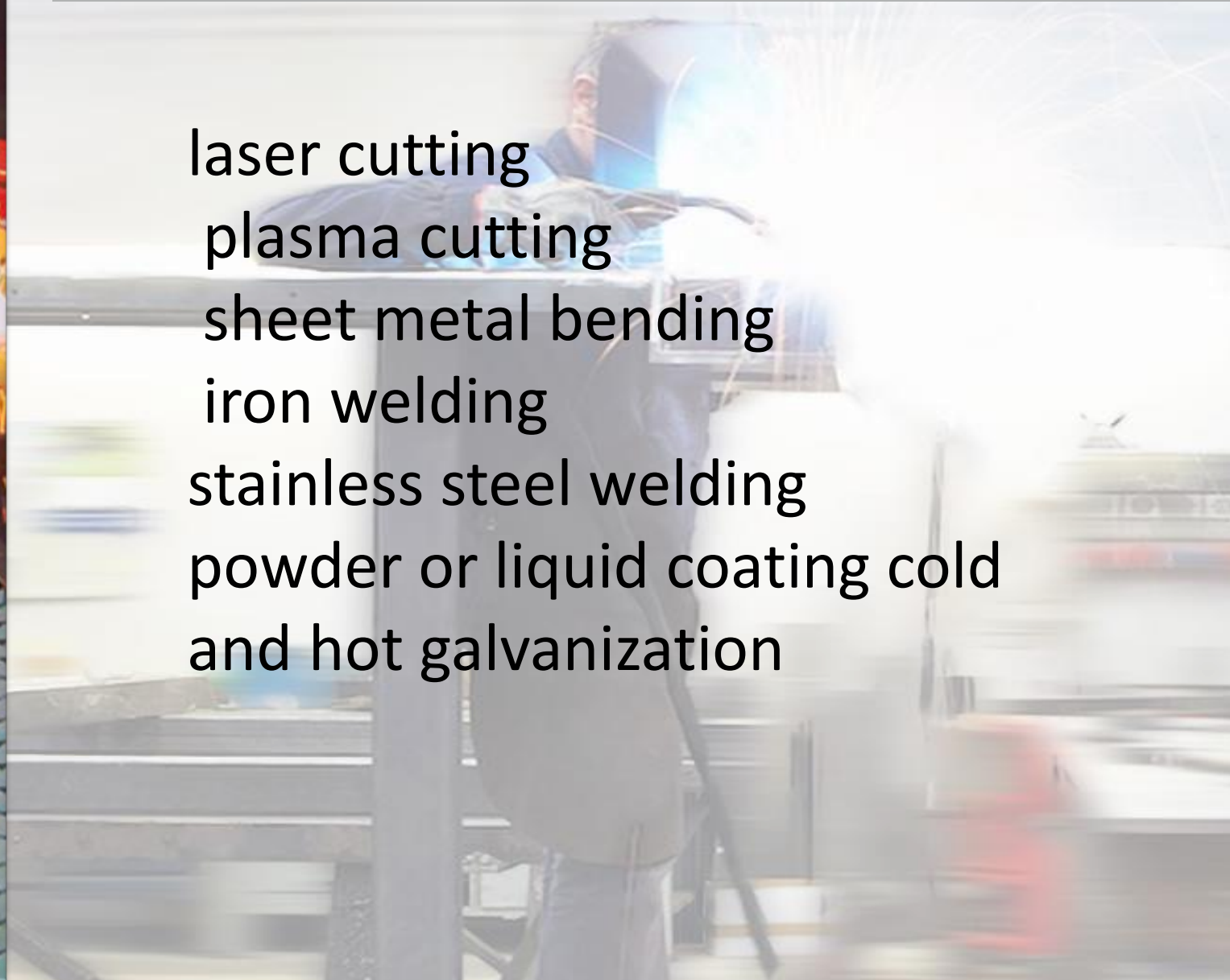
Here in Vetromeccanica we highly value the human capital and we constantly invest on training and on new software and this made possible to offer:

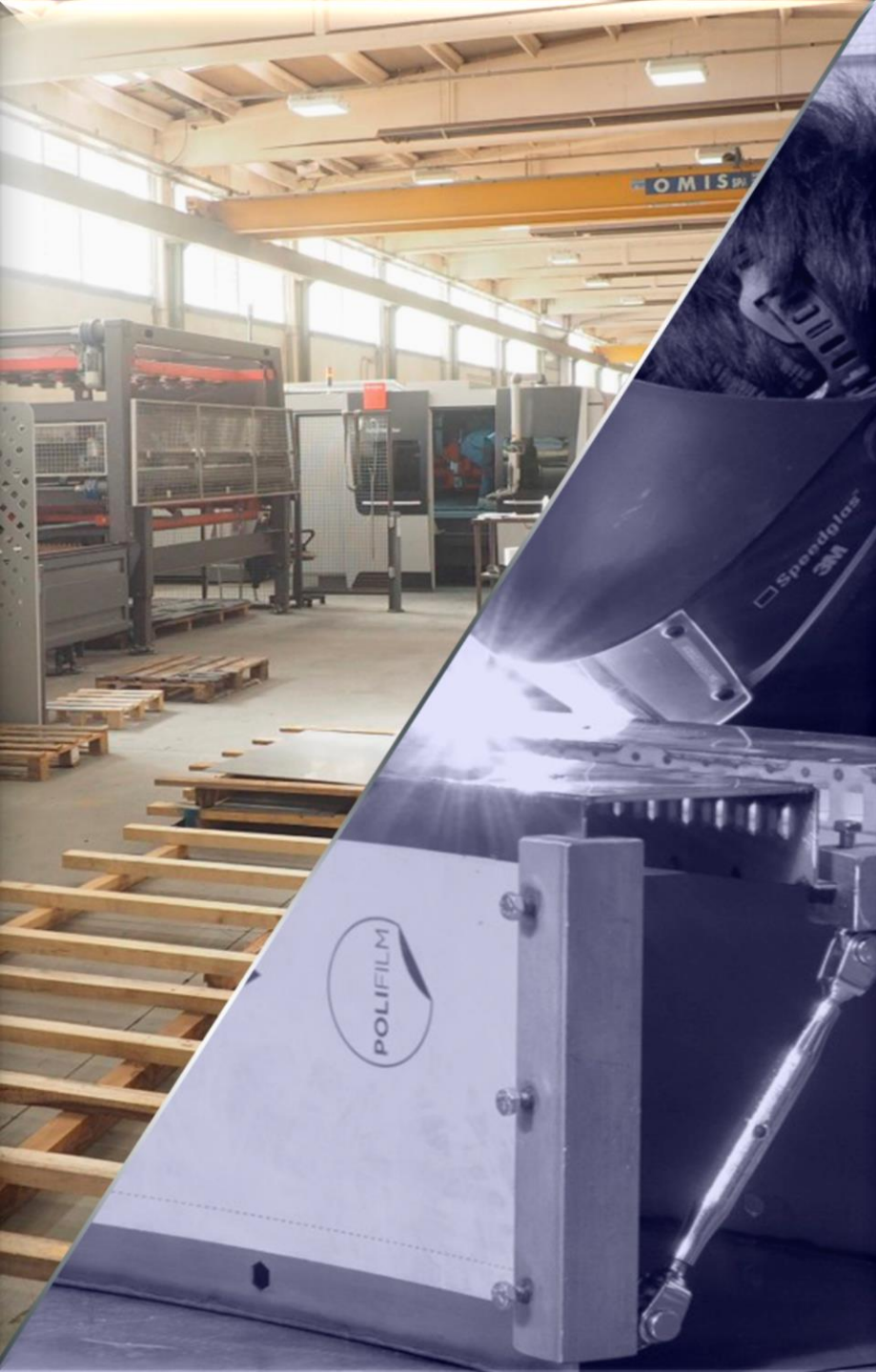
- Customized engineering & design
- Continuous R&D
- 2d/3d software
- Ongoing training on new engineering programs

In-house manufacturing operations



laser cutting
plasma cutting
sheet metal bending
iron welding
stainless steel welding
powder or liquid coating cold
and hot galvanization





Conveyors Complete IN-HOUSE Manufacturing

Thanks to our Mechanical Department we can afford all the phases of the production process of our conveying solutions:

- Our wide machine pool is including the most technological equipment and machineries and this allows us to develop both tailored-made and innovative conveying solutions and to adapt them to every production plant.
- Skilled handicraftsmen forge all of our systems paying attention to the specifics of our engineers and then assemble, power and test every machinery.
- We start from steel plates and we realize complete lines & tailor-made solutions.
- Cutting edge solutions
- Heavy duty manufacturing

Assembling



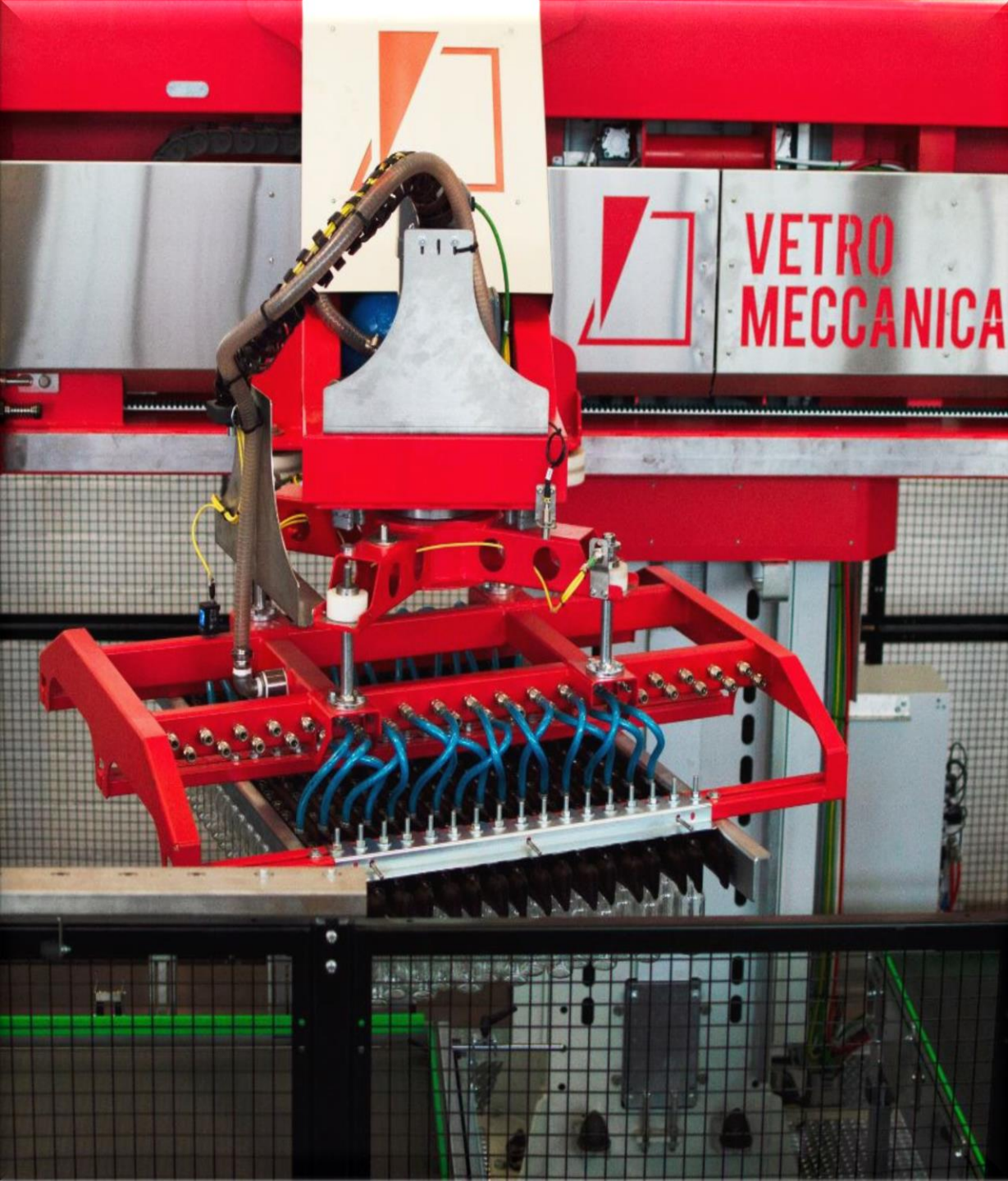
**A BRAND-NEW plant
4800 SQ METERS DEDICATED
TO ASSEMBLING AND FAT of
our conveyors and palletizers**



Assembling



A plant dedicated to air and table-top conveyors assembling



Assembling



A third plant dedicated to coldend and Palletizing solutions assembling

Assembly & FAT



- Every line is internally installed to assess the correspondence to the original layout.
- We assemble all the complementary devices (such as lubrication, cable tray and so on)
- FAT: Factory Acceptance Text on customer request (you are welcome)

Packing & shipment



Packing activities realized in house
by Vetromeccanica



Software & automations

Our electrical department is composed of highly skilled technicians able to:

- Develop new and innovative softwares
- Program the PLC logic
- Use top quality components
- Guarantee European & North America Certifications



Our services

- **Inspection on Site by our Technical Teams**
- **Engineering and Supply of NEW Conveyors & Palletizers**
- **Conveyors & Palletizers upgrade**
- **Installations & After sales dpt**



Range of Products

- **COLD END LINES**
- **STACKER UNITS**
- **COLUMNAR PALLETIZERS**
- **BEAM PALLETIZERS**
- **ROBOTIC UNITS**
- **TRAY FORMERS**
- **LABELLING**
- **SHUTTLE CARS**
- **VERTICAL STRAPPER**
- **HOODING/SHRINK-WRAPPING OVEN**
- **SORTING & DECORATING**
- **EMPTY PALLET CLEANING**
- **EMPTY PALLET DRESSING**



Glass bottles conveyors

Any kind of bottle conveyors from Lehr exit up to the Palletizer infeed

Vibrating plates

Bottle aligners

Accumulation tables

Mass flow conveyors

Merry go round

Omega passage

Cullet conveyor

Glass bottles conveyors



Example of bottles guide

- The guides are made of extruded aluminum and are covered with high density polyethylene.
- The guide height can vary from 60 mm to 80 mm or 100 mm, depending on the produced items.
- The system can be with a single guide, as showed in the photo, or with double guide with height and width adjustment



Glass bottles conveyors

Glass Bottles conveyors with stainless steel covering and automatic guide adjustment



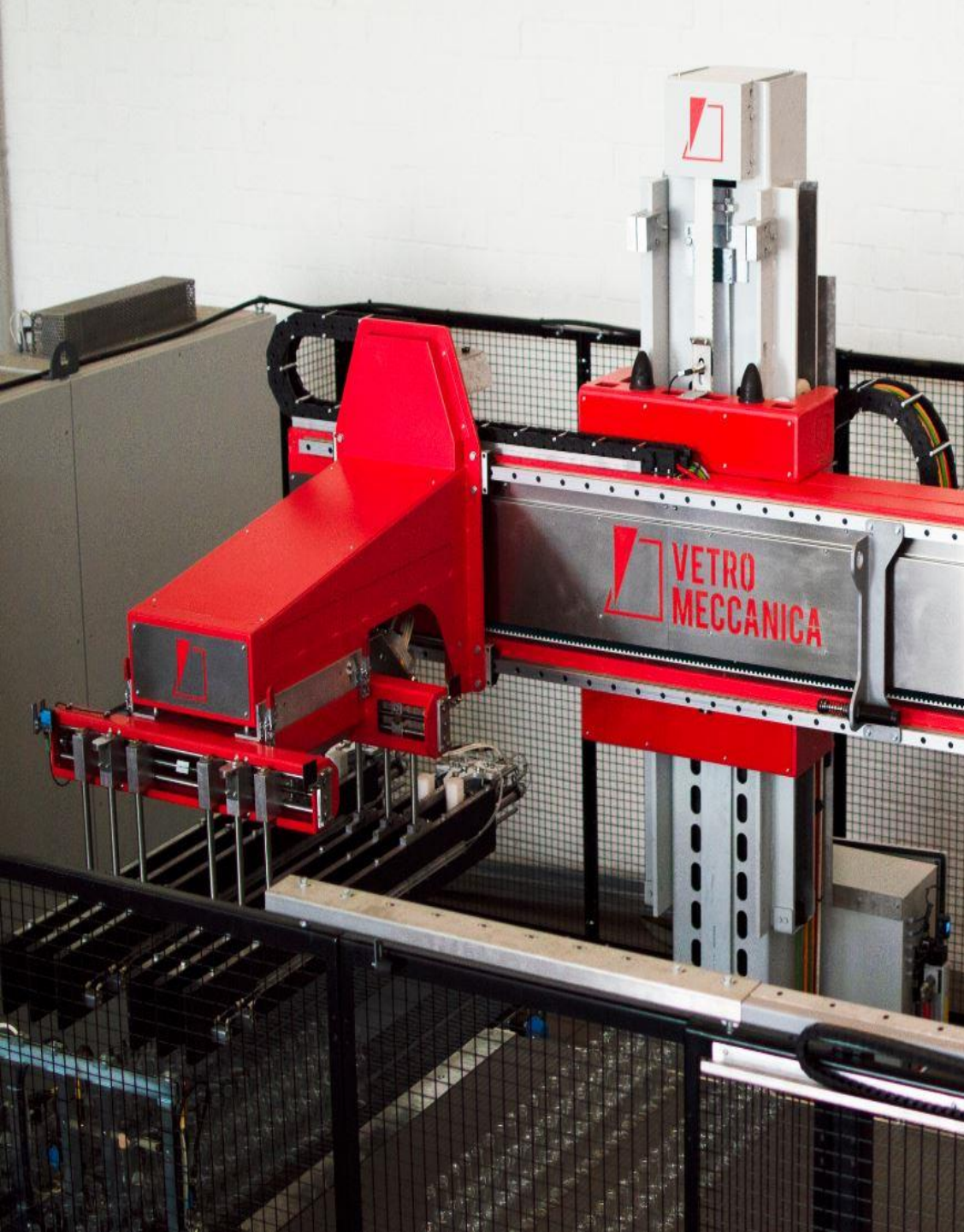
Glass bottles conveyors

Single lane accumulation table for glass bottles



Glass bottles elevator/lowerator

**Bottles Elevator / Lowerator
100% Made of Stainless Steel**

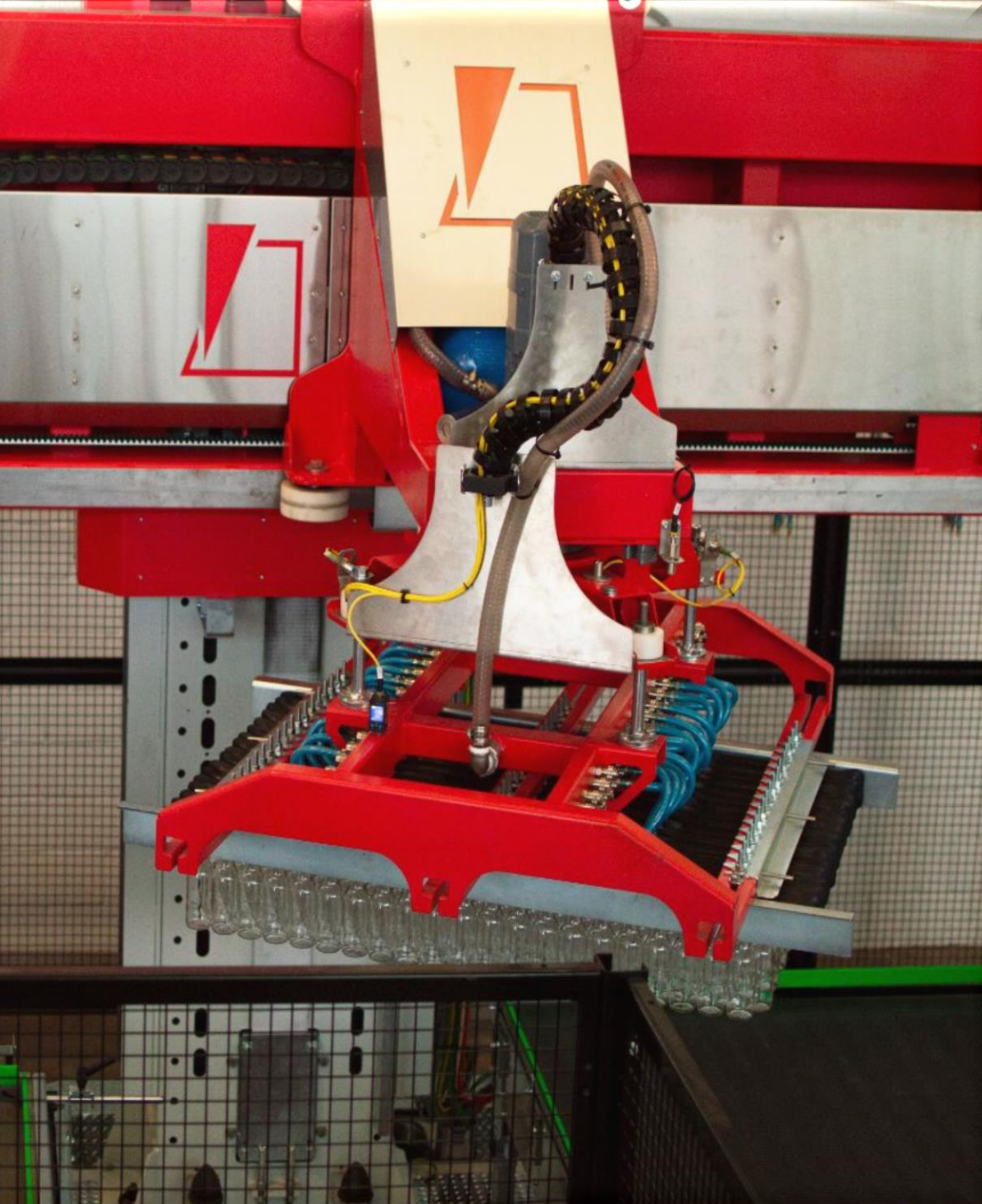


BOTTLES AND JARS ROW STACKER VM

310

Technical Features:

- Maximum speed 12 cycles/min.
- Different equipment for the picking of special items
- Easy access to the machine and low maintenance



ORTHOGONAL PALLETIZER VM 710

Technical Features:

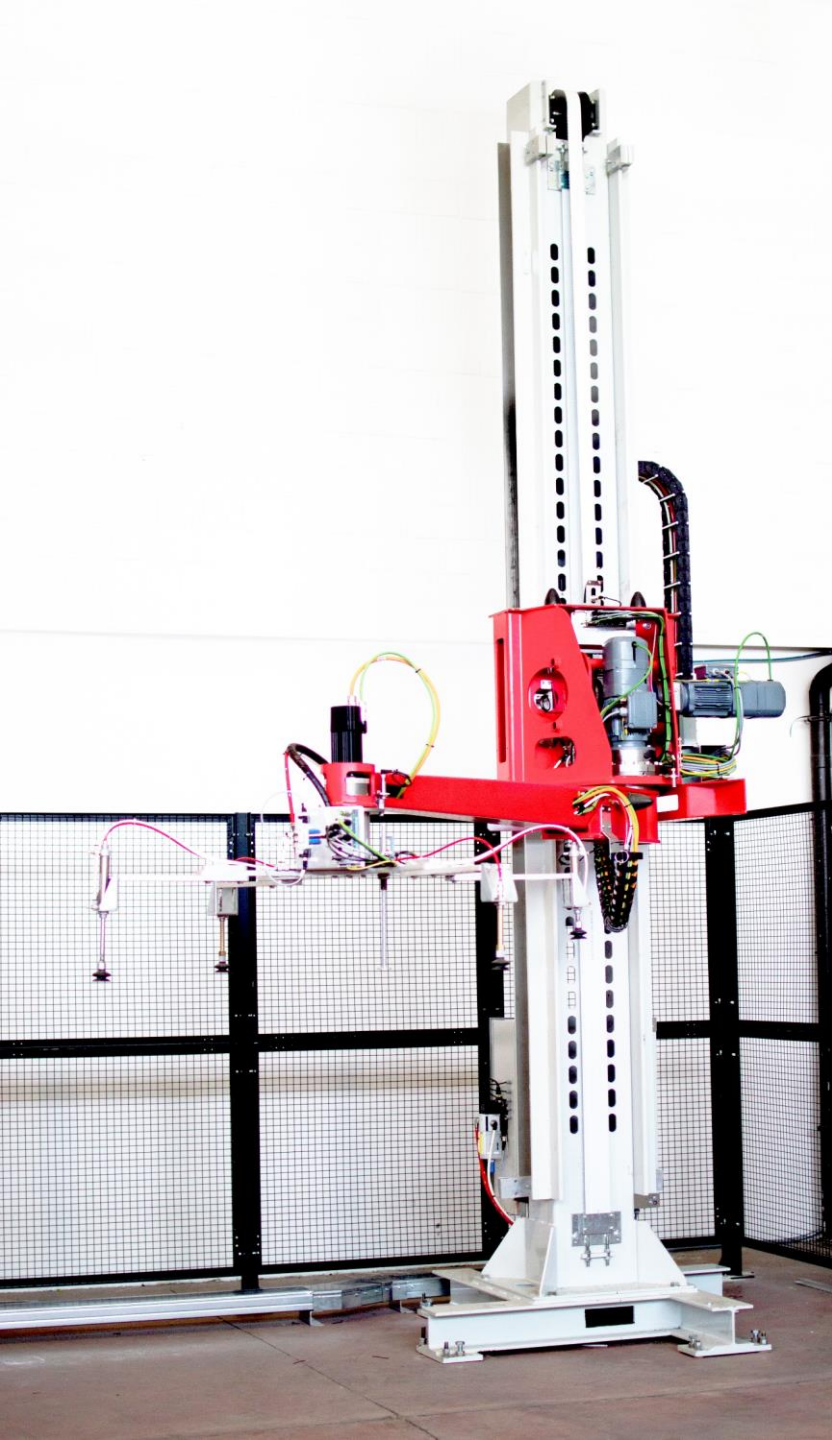
- Production up to 4 layers/min.
- 3 different types of head: gripping/vacuum/universal
- Easy access to the machine and low maintenance



ORTHOGONAL dePALLETIZER VM 810

Technical Features:

- Production up to 4 layers/min.
- 3 different types of head: gripping/vacuum/universal
- Easy access to the machine and low maintenance



COLUMN MATERIALS INSERTER VM 317

Technical Features:

- For the picking/ insertion of layer, dividers, trays, top frames, empty pallets, thermoformed trays.
- Easy access to the machine and low maintenance



ROLLER OR CHAIN CONVEYORS

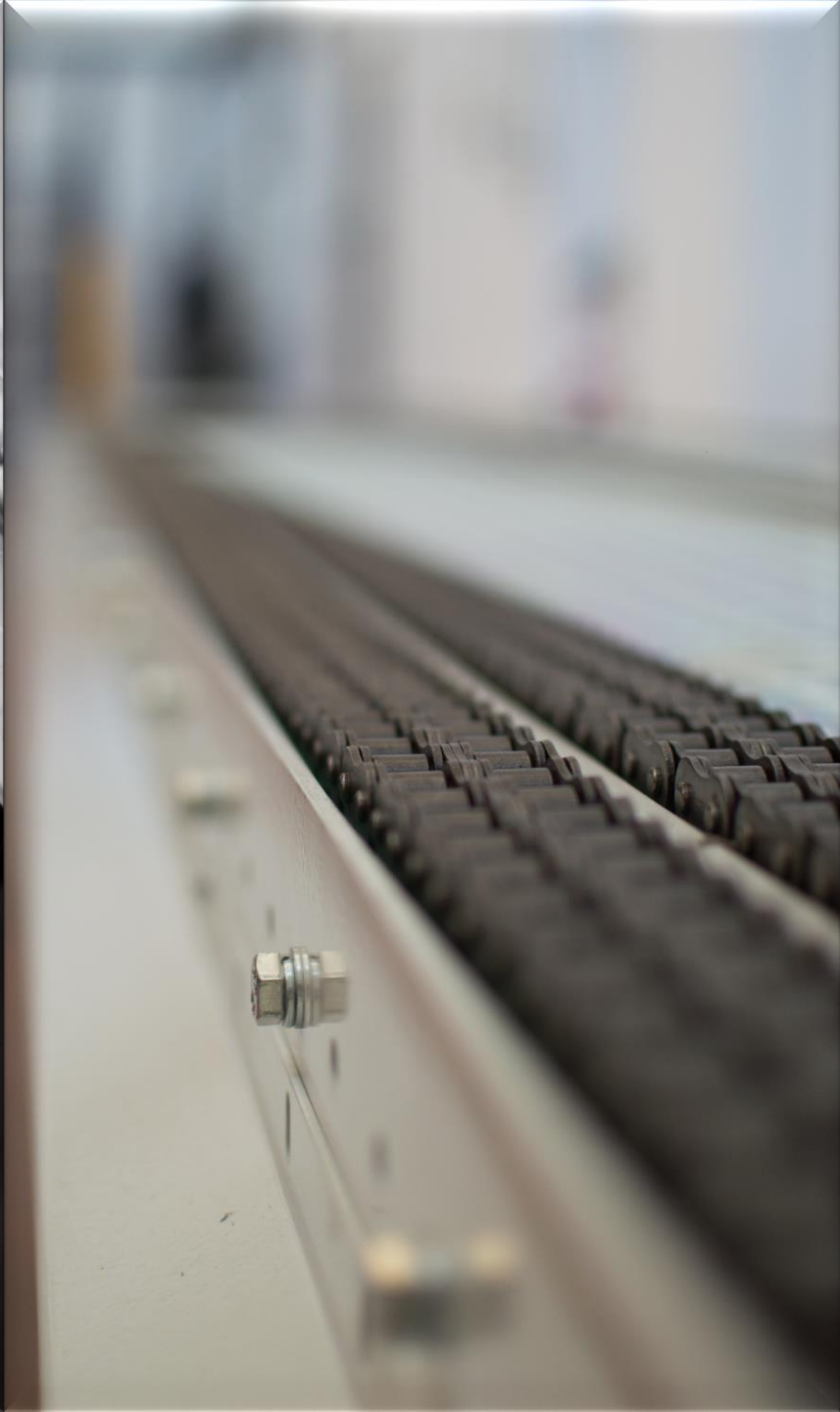
Technical Features:

Chain conveyor

- With double $\frac{3}{4}$ " chain
- Multi-way system (up to 7 chains) depending on the type of pallet

Roller Conveyor:

- Chain-driving system
- Rollers diameter: 89 mm.
- Rollers width: depending on the type of pallet



LAYER HEAD

19/05/2020 15:09:47
Logged-in user: admin

PLC Recipe: 0 -

Manual controls

R3 Layer Pickup Height: 580.000 mm
Reference: -1050.000 mm

R5 Layer Discharge Height: 615.000 mm
Reference: -130.000 mm

DISCHARGING TABLE

TRANSLATION: 0.000

ROTATION: 0.000

LIFTER: 0.000

LAYER PICKUP/DISCHARGE

Cycle Load: 2%

HMI

New HMI Configuration by Vetromeccanica

Color touch screen operator panel

Bottles receipes manage

Production statistics

Diagnostic screen

Alarms position on the layout

MACHINE RECIPE

19/05/2020 15:14:12
Logged-in user: admin

PLC Recipe: 0 -

QUICK SELECTIONS

PALLET FORMAT

PACKAGING DATA

SPEED SETTING

Cycle Load: 2%

Availability of any special configuration

required by the customer



AutomaTECH

- PLC for bottle flow control logic SIEMENS / Allen Bradley
- COLOR TOUCH SCREEN operator panel
- RECIPE FILE for storing line parameters associated with each container produced
- REMOTE ASSISTANCE MODULE
- LINE MONITORING SYSTEM
- FREQUENCY INVERTERS Danfoss / Siemens
- CABLE TRAYS IN OPEN OR CLOSED VERSION
- PAINTED or STAINLESS STEEL
- POWER DISTRIBUTION CABINET

Certifications



Intertek

Vetromeccanica Certifications attest the high quality and the International standards of our products.

The **ETL** Certification for **USA** regulations: “**UL 508 A: Standard for Safety Industrial Control Panels**”

And for **Canadian** regulations: “**CSA C22.2 No. 14-18: Industrial Control Equipment**”

Products:

Industrial Control panels for General Use

Industrial Control Panels for Industrial Machinery



THANKS FOR YOUR ATTENTION!

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