

COMPANY PRESENTATION 2025

CLEVERTECH

 HANDLING
YOUR SUCCES

INDEX



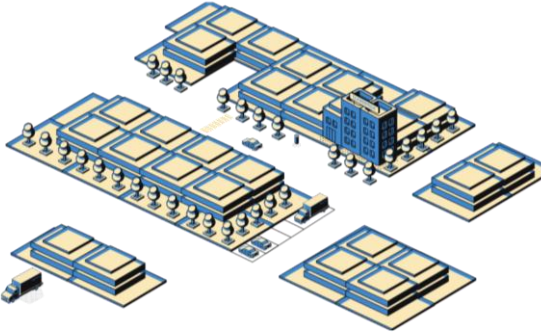
About Us
CTH capabilities
Our Added Values
Technologies application
Partnership Stories
CTH World
References



1. About Us



ABOUT US



FOUNDED IN 1987 IN CADELBOSCO DI SOPRA, REGGIO EMILIA

HEADQUARTER IN ITALY

8 SUBSIDIARIES AROUND THE WORLD

> 46.000 sqm **PRODUCTION PLANT**
+ 12.000 sqm **EXPANSION PLANNED 2025**



> **150 MILLION EURO** CONSOLIDATED GROUP TURNOVER

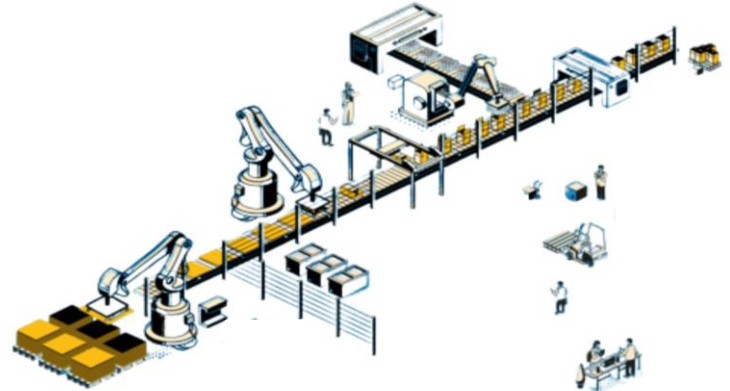


> 450 **EMPLOYEES**



**4 PRODUCTION
PLANTS
AROUND THE
WORLD:**

- ITALY
- U.S.A.
- CHINA
- INDIA



CUSTOMIZED SYSTEM FOR 8 DIFFERENT KIND OF SECTORS

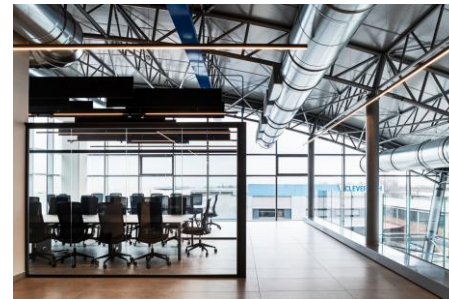
> 6500 SUCCESSFULLY TESTED **MACHINES**

CLEVERTECH GROUP



The firm owns different industries, which allows for **integration** at **various stages of the value chain**:

- **Leantech** manufactures conveyors lines for any type of product to be transported.
- **Marchiani Automation** has a core business focused on industrial electrical automation.
- **Delta** manufactures nailing systems for assembling wooden pallets.



SUSTAINABLE DIMENSION

Our company has a solar PV plant which, through **RePower**, allows us to use **TÜV SÜD** - certified solar energy.

- **255,37 kWh/year** of solar energy produced, guaranteeing **energy self-sufficiency**
- **432 solar panels**
- Annual **savings** of **58,000 kg** of **CO2**

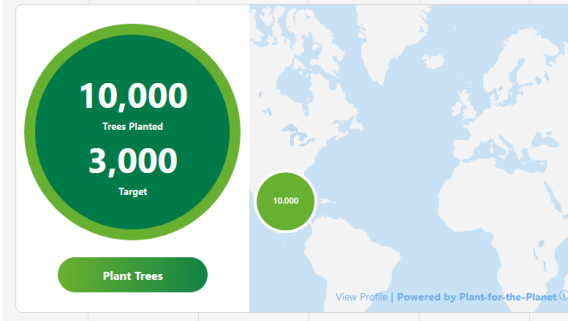


Cleverttech, thanks to its partnership with **Plant for the Planet**, is committed to the reforestation of the **Yucatan in Mexico**.

From an initial goal of 3,000 **trees**, the Cleverttech forest has grown to **10,000**.

In addition, Cleverttech with the Plant for the Planet **Academy** promotes **practices of sustainability** and planet saving among the **kids**.

CLEVERTECH PER L'AMBIENTE



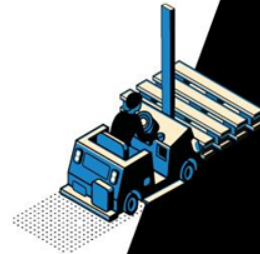
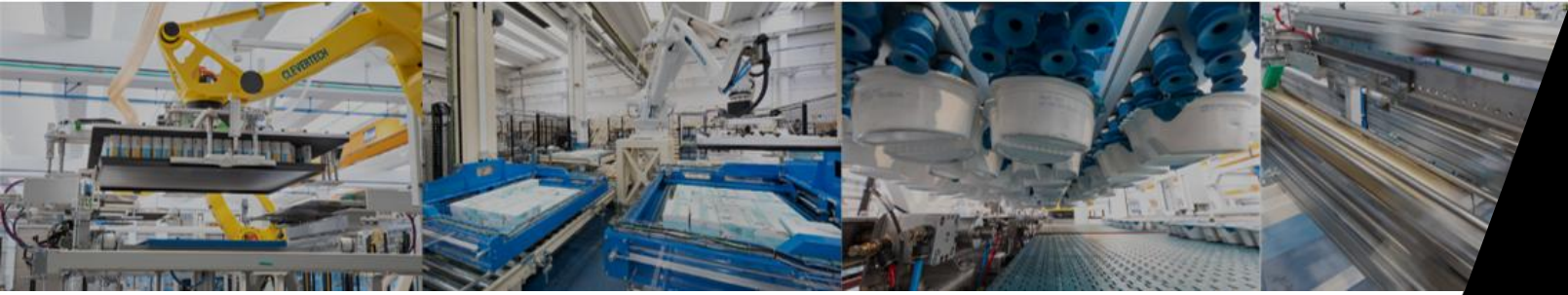
WHERE WE ARE

CLEVERTECH LATAM	CLEVERTECH NORTH AMERICA FORT MYERS - USA	CLEVERTECH UK DORCHESTER - UK	CLEVERTECH FRANCE CHOLET	CLEVERTECH GERMANY DOLMEN	CLEVERTECH ITALY CAGLIARI/BOLOGNA/ROMA (HQ) - ITALY HEADQUARTERS	CLEVERTECH EAST EUROPE LUBLIN - POLAND	CLEVERTECH SOUTH ASIA PUNE - INDIA	CLEVERTECH ASIA - PACIFIC CHANGZHOU - CHINA	FIELDTECH EAST EUROPE LUBLIN - POLAND
----------------------------	--	--	---------------------------------------	--	--	---	---	--	--



- HEADQUARTERS
- SERVICE TEAM
- MANUFACTURING & SERVICES

2. CTH Capabilities



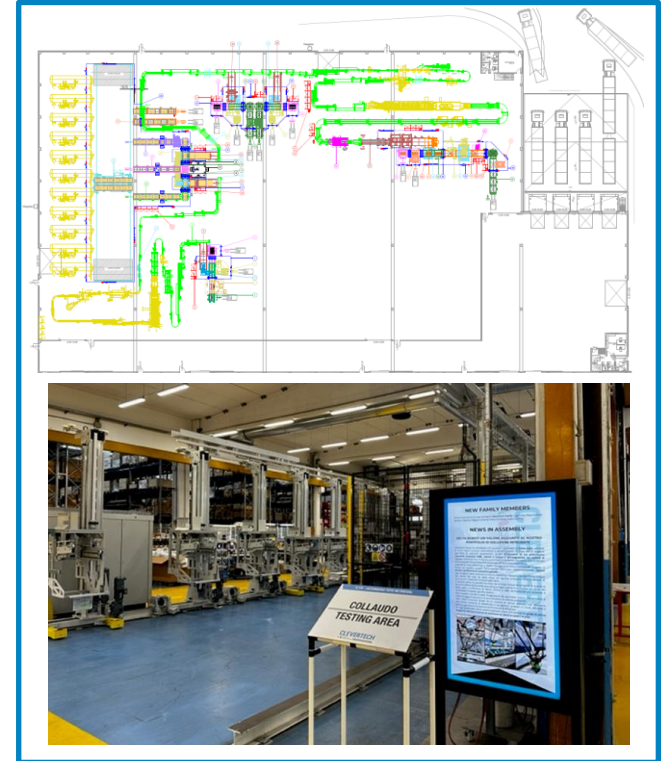
Cleverttech has the capability to design and create complete line specialised in sectors such as:

- Home care
- Personal Care
- Food
- Dairy
- Chemicals
- Beverage
- Pet Food
- Metal Packaging

Our solution is **designing plants** to **optimize** the **movement of people and materials**, **energy usage**, and **space**, providing our customers with a **turnkey plant**.

All the systems are tested at our factory premises.

Cleverttech expertise is to conduct a proper **assesment of different lines design** development to **validate the best solution** for the end user using the **S.W.OT.** Analysis.

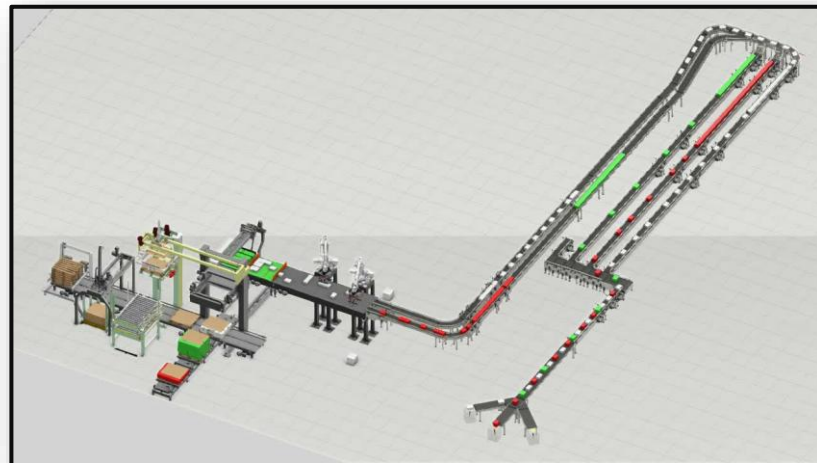


EXECUTE VALIDATION THROUGH SIMULATION

In order to guarantee the **maximum efficiency** of the **plant design** in the line layout, Clevertech has developed **layouts in 3D, animations or renderings** that can be **used to impress the customer**.

That can be used to **support the customer decision** with best value analysis.

Via **BricsCAD**, **ENSCAPE** and **TWINMOTION** we can **create virtually the production line simulation** and **provide** to the customer the **OEE results** and **even simulation of their future packaging line**.



OEE PERFORMANCE INDICATOR

Our software allows **data collection** from **all machines in the packaging line**, which is stored on servers and processed.

The **final output** is a visualization of the **complete line's KPIs** through a **SCADA software platform**.

Clevertech's software are able to gather the data of each OEM machine as:

- OEE
- MTTR
- MTBF
- Waste/ Reject %
- Automony before reloads

With these information we are able to design **contingency** for the rejects and reloads with the layout to optimise the OEE.



3. Handling Portfolio



PACKAGING HANDLING PORTFOLIO

CLEVERTECH DESIGNS AND PRODUCES SYSTEMS FOR **HANDLING DIFFERENT TYPES OF PACKAGING:**
EMPTY, FULL, LOOSE OR SECONDARY PACKAGING.



BOTTLES



BINS



JUGS



GLASS JARS



POUCHES



POLYSACK



CANS



LIDS



TRAYS



SHRINK PACKS



TRAYS AND HOODS



BOXES

EXECUTION ADDED VALUES

WHY **CLEVERTECH**?



CUSTOMER CENTRIC

- Mechanical, electrical and software **modular solutions**
- **Customized** and integrated solutions both for the **start** and **end of the production line**
- **Industry 4.0**



HOLISTIC APPROACH

A single supplier is able to provide:

- Programming structure
- Software design
- TPM design
- Safety design
- Electrical design



MAXIMUM PERFORMANCE

- System **acceptance tests** at **Clevertech premises**
- **Complete installation** and instantaneous start-up of the system



WORLDWIDE PRESENCE

Clevertech offers to it's costumer a **local technical support** with a **24/7 remote assistance** from the after-sales service.

4. Technology application



HOME & PERSONAL CARE SECTOR

FRONT AND END-OF-LINE SOLUTIONS



FRONT-OF-LINE
DEPALLETIZATION



PALLETIZATION
SYSTEM



WRAPPING SYSTEMS



PALLET LABELLING



DEPALLETIZATION FOR
REAMS OF BOXES



BOX FORMERS



CARTONING
MACHINES



BOX CLOSERS

FRONT AND END-OF-LINE SOLUTIONS



DEPALLETISATION
SYSTEM



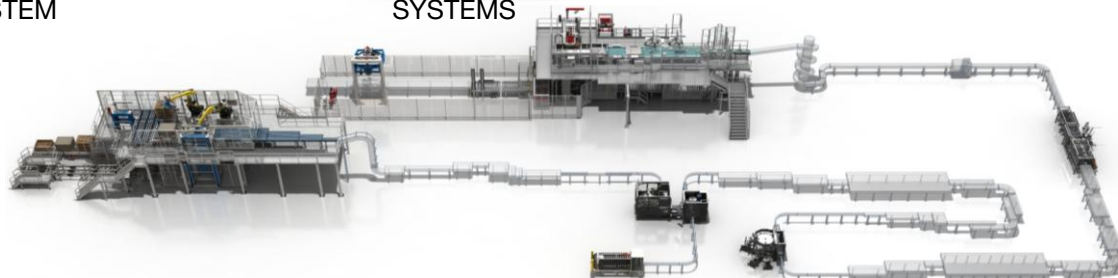
PALLETISATION
SYSTEMS



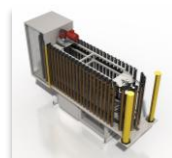
WRAPPING SYSTEMS



LABELLING SYSTEMS



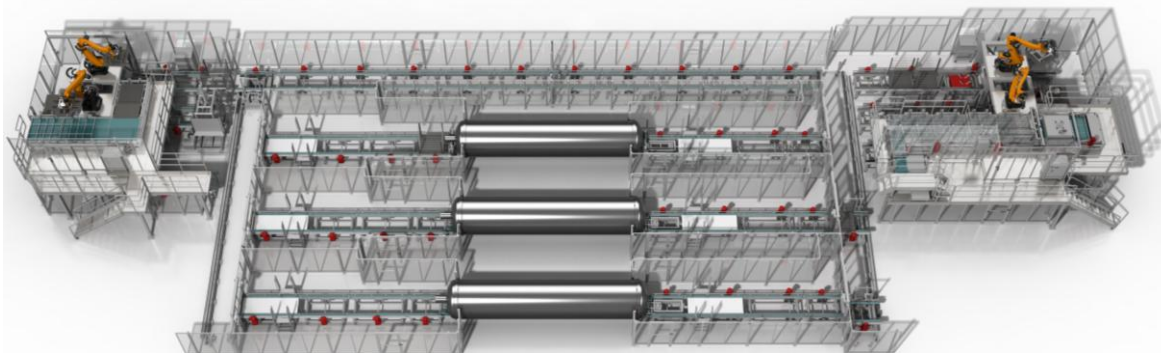
FILM REMOVERS FOR LIDS
WRAPPED IN FILM



FILM REMOVERS FOR LIDS WRAPPED
IN PAPER

DRY & WET FOOD OR PET FOOD

FRONT- AND END-OF-LINE SOLUTIONS



BASKET LOADER &
UNLOADER



BASKET & TRAYS
CONVEYING

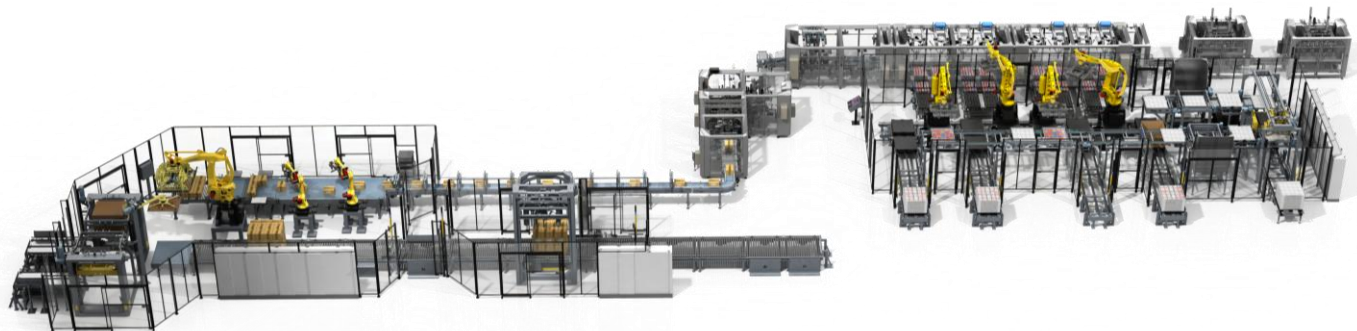


ENDS-FILM
UNWRAPPER



ENDS-PAPER
UNWRAPPER

FRONT- AND END-OF-LINE SOLUTIONS



DEPALLETIZING
SYSTEM



CASE TRAYS
PALLETIZING



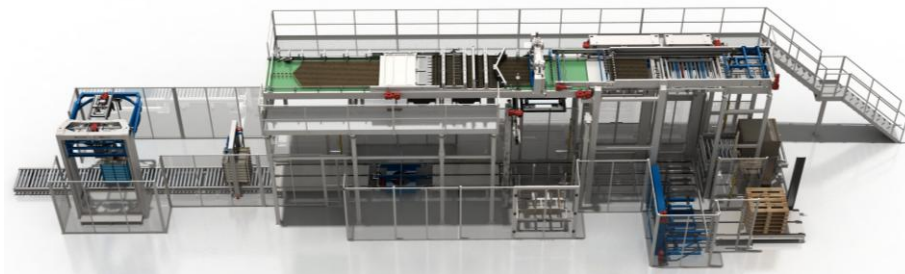
STRETCH
WRAPPING



PALLET
LABELLING

CANS & ENDS MAKING

SOLUTIONS



PALLETIZERS FOR
CANS



STRAPPING FOR
CANS



WRAPPING FOR
CANS



LABELLING FOR
CANS

SOLUTIONS



LIDS CONVEYOR
SYSTEM



AUTOMATIC
LOADERS/UNLOADERS



WRAPPING FOR LIDS



PALLETIZERS FOR
CANS

SOLUTIONS



DEPALLETIZATION SYSTEMS



AUTOMATIC MANAGEMENT OF PLASTIC CONTAINERS

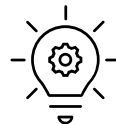
EXPERIENCE BEGUN IN 2018



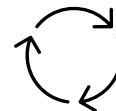
DEDICATED R&D TEAM



DEVELOPMENT OF 3D DESIGNS
OPERATING CYCLE DEFINITION
DYNAMIC CYCLE SIMULATION



COMPLETE SOLUTIONS
FOR HANDLING OF
PLASTIC CONTAINERS



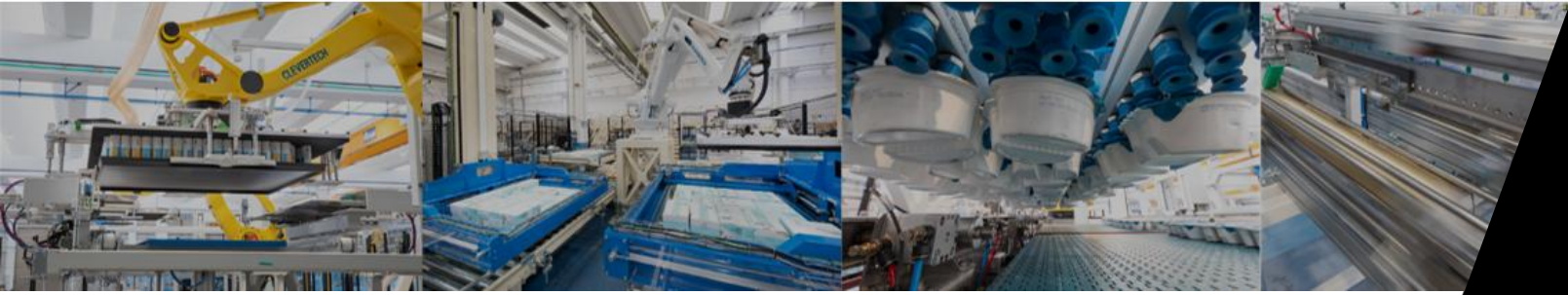
INTRALOGISTIC APPLICATIONS



In order to achieve success, it is important to concentrate on and invest in your core business, establishing **high-value partnerships** which **provide additional benefits to the end customer**.

For this reason, Clevertech partners with **ALSTEF Group**, a world leader in the design of automated intralogistics solutions and AGVs, in order to provide a unique sales offering to FMCG manufacturers.

5. Partnership Case History



PARTNERSHIP CASE HISTORY

Since 1990, more than **700** projects realized with P&G



1990
First project
P&G Italy

2006
Clevertch declared
P&G Global Standard

2009
P&G Supplier of
Excellence

2012
Clevertch open
Clevertch North
America and China to
follow P&G

2018
Clevertch start to
deliver Nascar Project

2021
First project with AI
integration as
Mixed palletizer for
P&G Shiga

2022
P&G Supplier of
Excellence

PARTNERSHIP CASE HISTORY

Since 2018, more than **238** projects realized with Amazon



2018

First service project in existing automation

2020

New machines rollout
RTD (6 units) ATR (4 units)

2021

First Global machine ATR single module for EU and NA

2021

ATR/AGC proof of concept, automatic case opener development, BCMS development

2022

Roll out for ATR, BCMS, RTD

2023

Automatic stow development and proof of concept.

2024

First Global machine ROBOTIC STOW single module for EU and NA

PARTNERSHIP CASE HISTORY

Since 2007, more than **250 projects** realized with **HENKEL**



2007

First project
Henkel Algeria

2012

Clevertch declared
HENKEL Global
Supplier

2017

HENKEL consider
Clevertch global
standard for USA

2018

Clevertch PACK ML
structure jointly
developped wit
HENKEL in SIEMENS

2018

Clevertch
development for case
erector-packing-
sealing

2021

Faster Clevertch
palletizer grouping 11
lines delivered in Serbija

2022

Faster Clevertch
palletizer grouping 11
lines delivered in
Serbija

PARTNERSHIP CASE HISTORY



Since 2012, more than **130 projects** realized with NESTLE



Nestlé PURINA®



Nestlé

2012

First CTH depal
equipment technology
from bulk to pick &
place within PURINA

2014

Clevertch
selectioned as
Europe standard for
TPM approach

2018

Clevertch
selectioned as Europe
Standard for vairety
packaging line

2021

Clevertch patent
HYBRID SWEEP OFF
Technology improving
Material handling

2022

Clevertch new
unscrambler – depalletizer
system declared std for 85
gr alu line

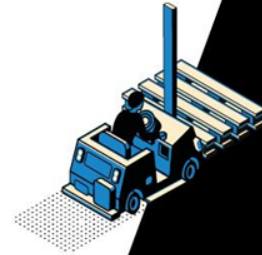
2022

Clevertch considered
Global Supplier at
NESTLE PURINA
for cans handling

2024

New product handling for
split cup with complete
line responsibility to
Clevertch

7. Our World & References



OUR WORLD



SOCIAL COMMITMENT



PARTNERS



UNIMORE
UNIVERSITÀ DEGLI STUDI DI
MODENA E REGGIO EMILIA



CLEVERTECH BASKETBALL TEAM
2019 CSI LEAGUE WINNER

REFERENCES

CLEVERTECH
HANDING YOUR SUCCESS



THANK YOU

CLEVERTECH S.p.A.
via Brodolini 18/A
42023 Cadelbosco di Sopra
Reggio Emilia - Italia

Tel: +39 0522 911330
Fax: +39 0522 911201

Info@cleverttech-group.com
service@cleverttech-group.com

www.cleverttech-group.com

