



# INTRODUCTION ABOUT The Packaging Technology

The Packaging Co., Ltd was born in 2017, which is an agency for CFT Group, P.E Labellers, SIPA, Shikoku Kakoki... In 2021, the company renamed to The Packaging Technology Co., Ltd. The Packaging Technology specializes in providing solution for Filling, Labelling, UHT, Palletizer/Depalletizer... (all lines of filling to the container in the packing area)

Although we just have started for 5 years, The Packaging Technology have a certain stand in a few fields( mineral water, edible oil, fruit juice processing..).

# References



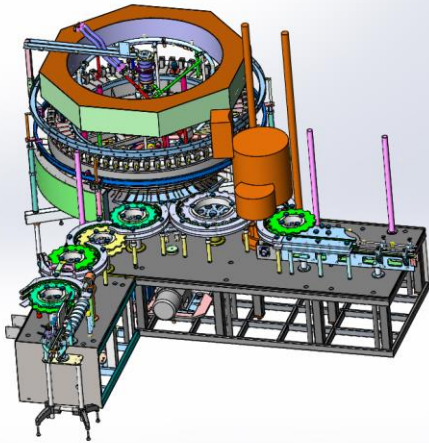
# STATE OF THE ART FILLING TECHNOLOGY



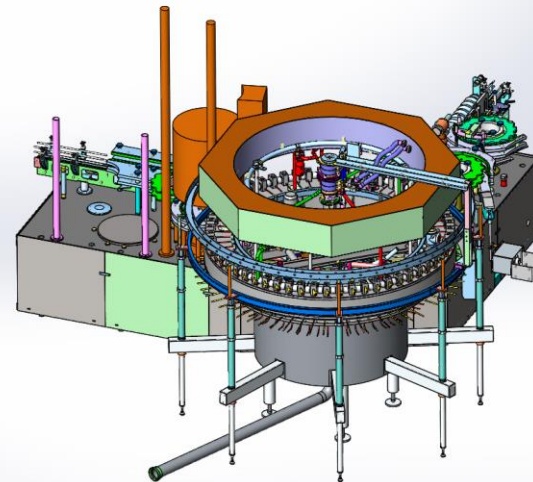
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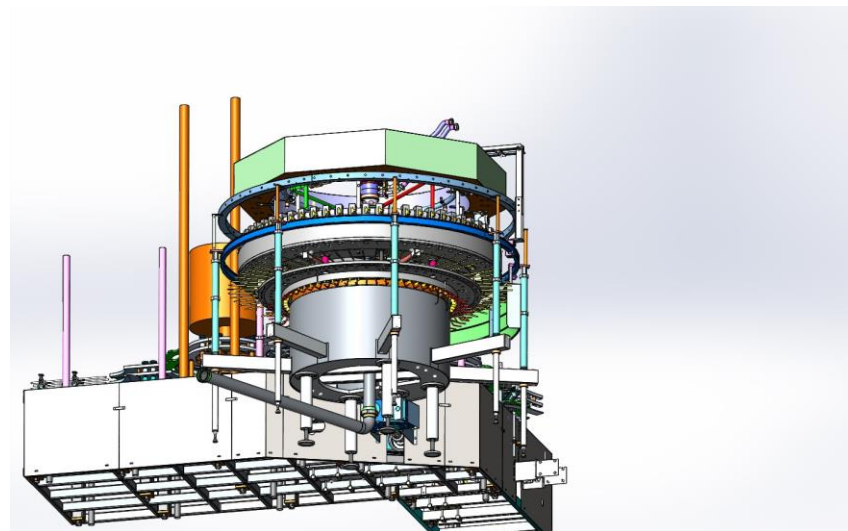
**Ultra-hygienic design  
with independent turrets**





**Easy access to all  
machine parts**

**Maintenance is possible  
by standing upright**





**Full stainless steel structure**

**Baseless design**







**PLC controlled machine**

**No mechanical cam**

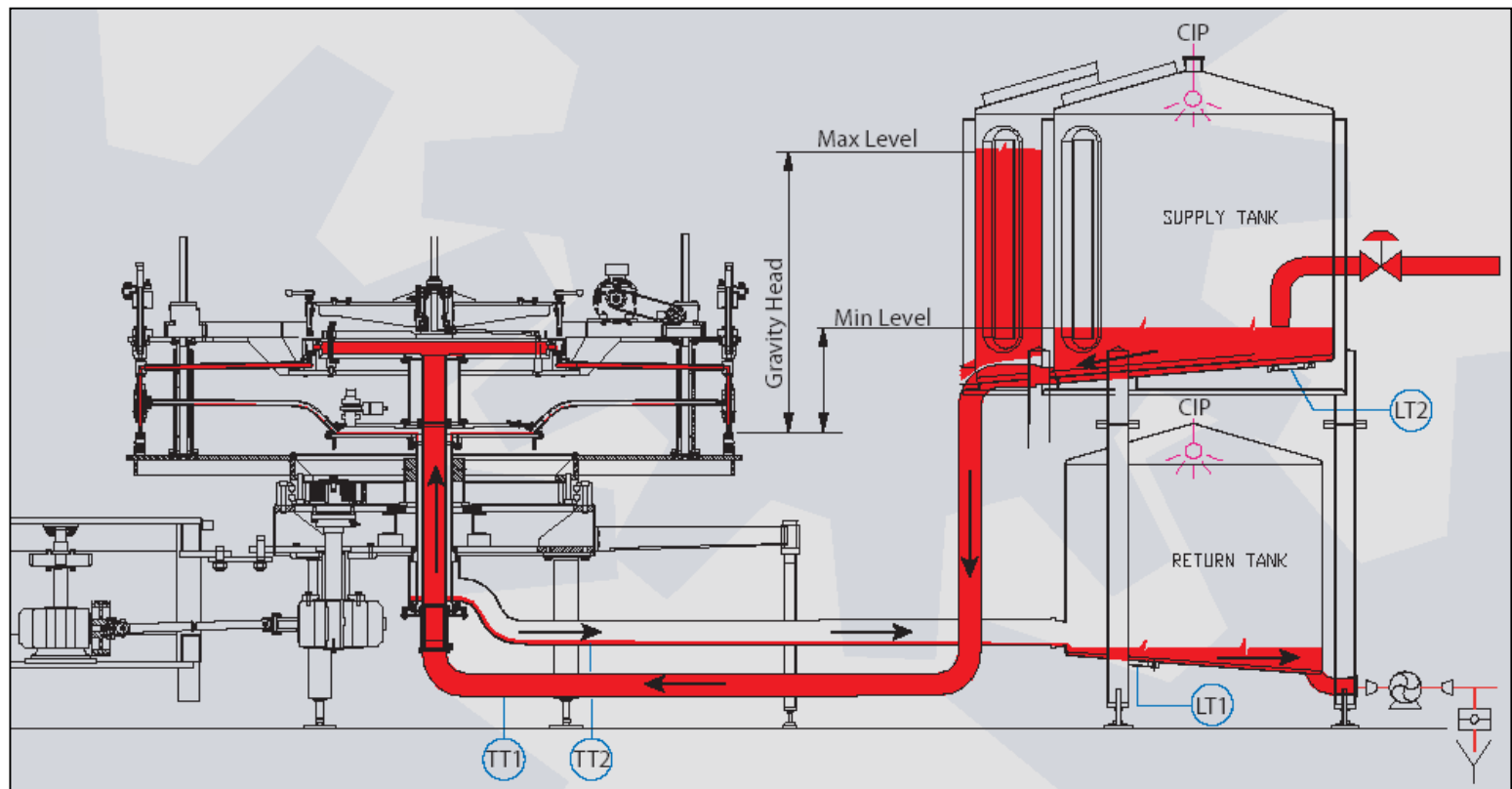
**Less maintenance**



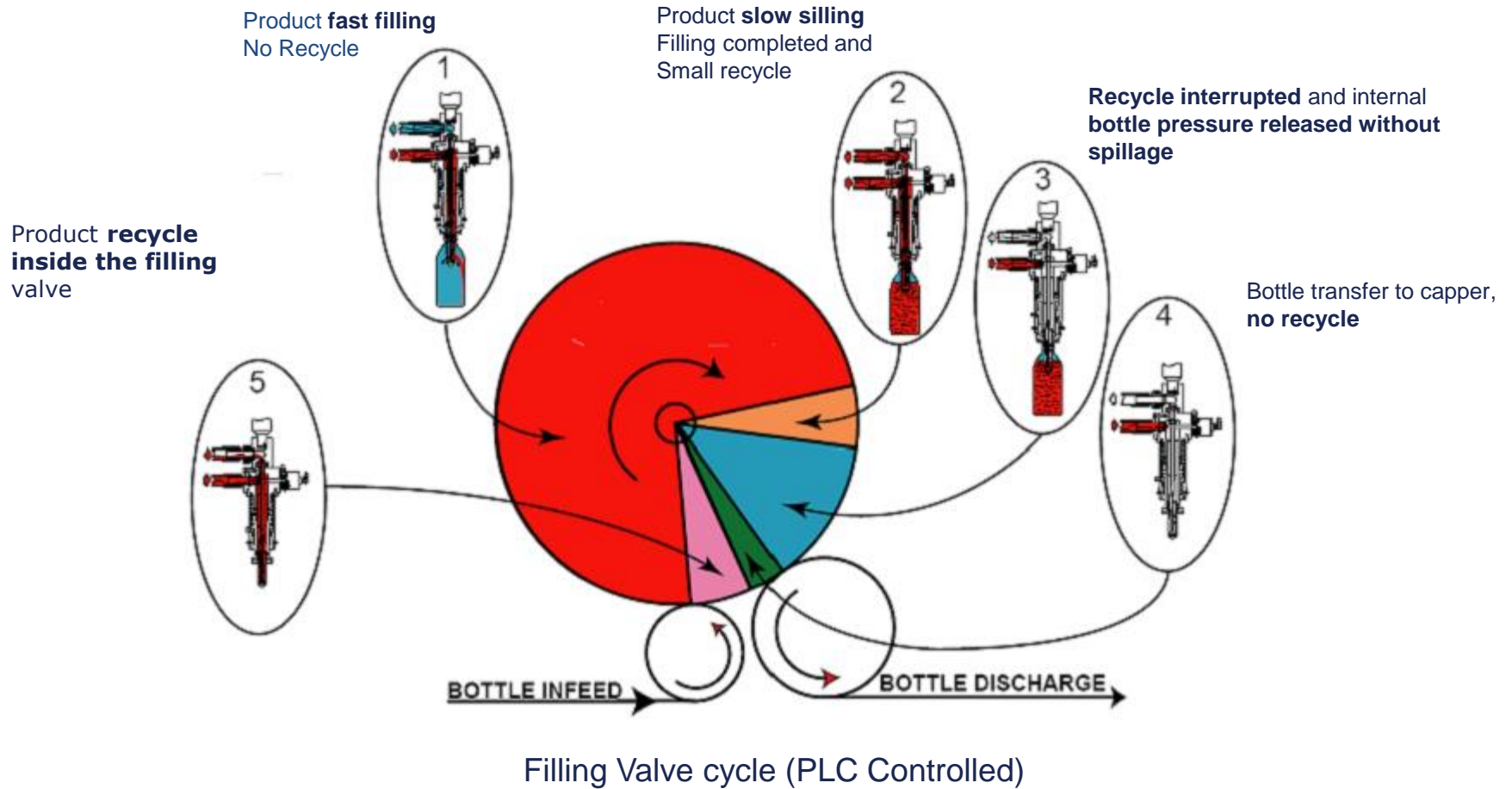
## State of the art fill point



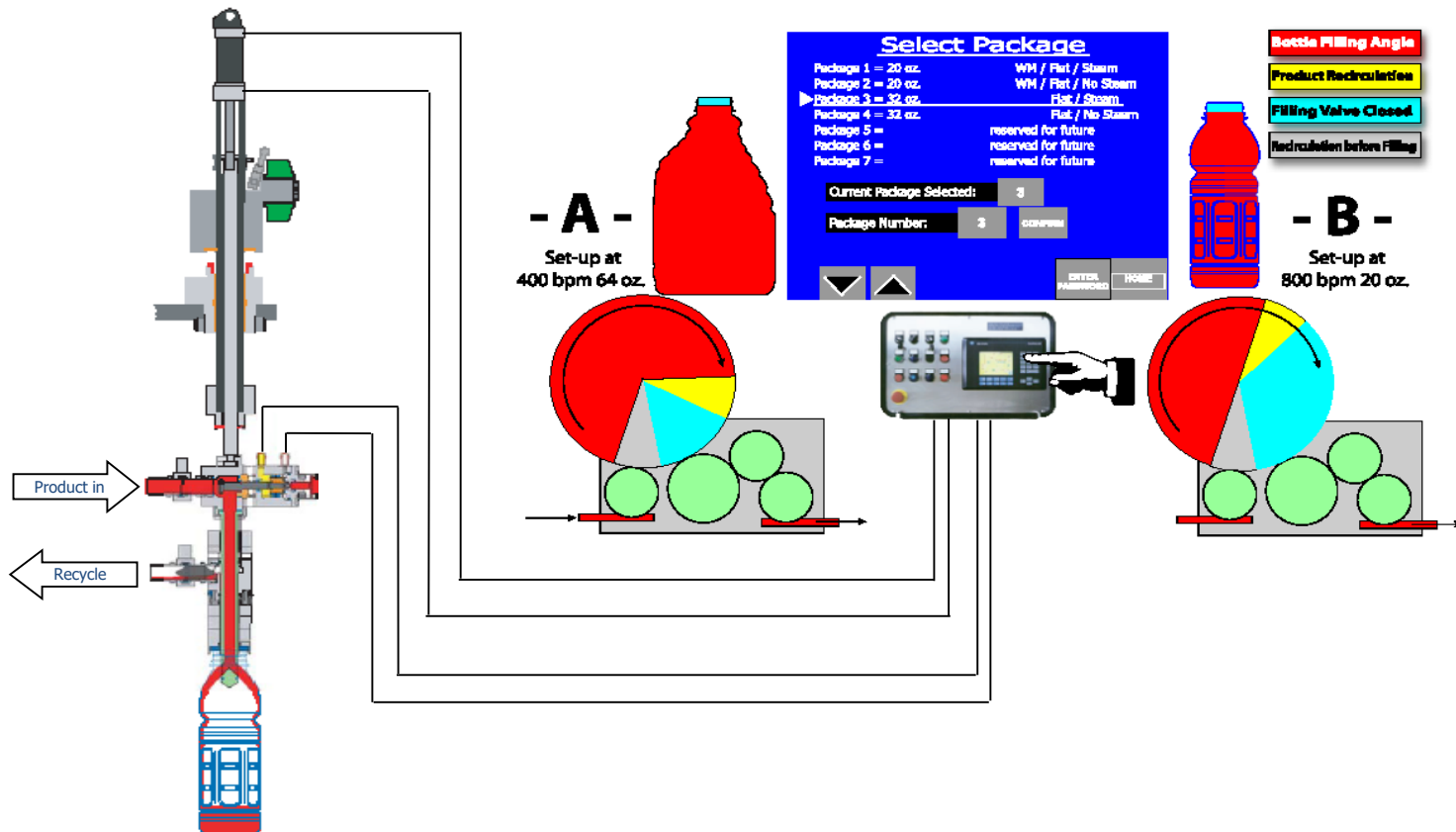




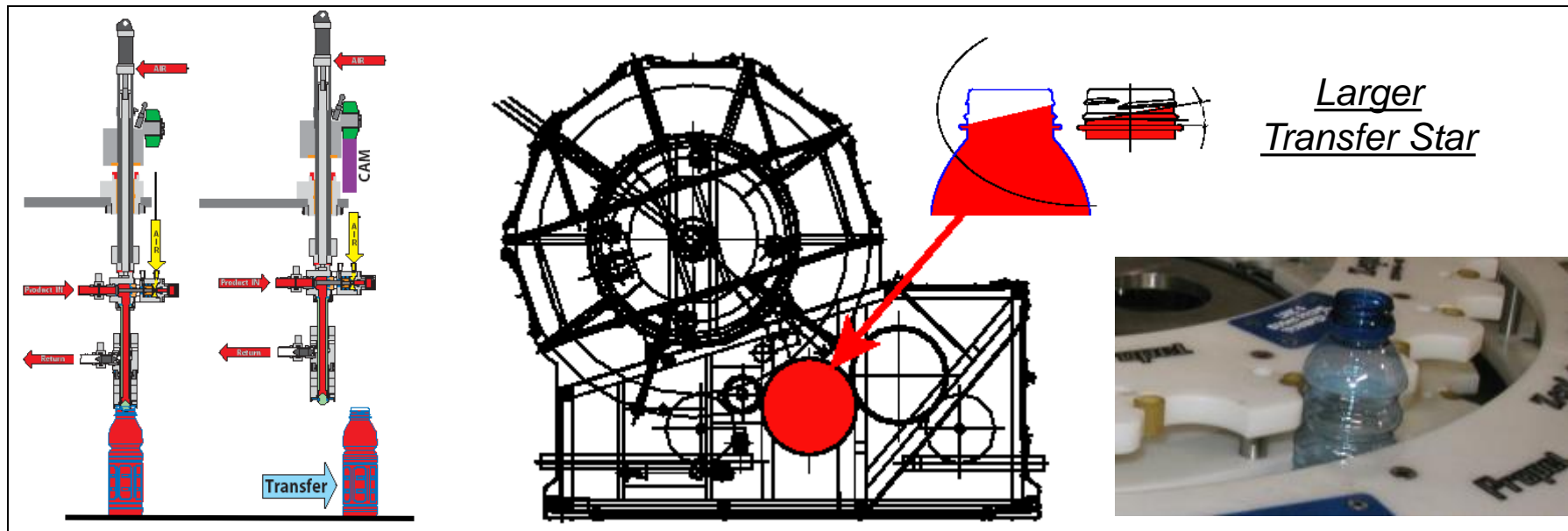
- ✓ Gravity Bottom Feeding System for adjustable Gravity Head (from 0,04 to 0,12 bar)



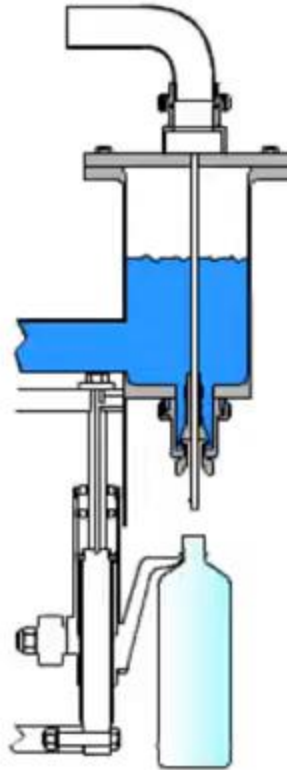
## Filling valve cycle is PLC controlled



- ✓ The HF Filling Valves **are electronic controlled** by an operator touch screen
- ✓ The standard PLC can memorize **up to 30 different settings**
- ✓ The data setting can be modified at any time



- ✓ The filling Valve are lifted by cam, **no bottles up & down**
- ✓ Larger diameter transfer star **reduces the centrifugal force**
- ✓ Anti Shaking / Rotation rubbers

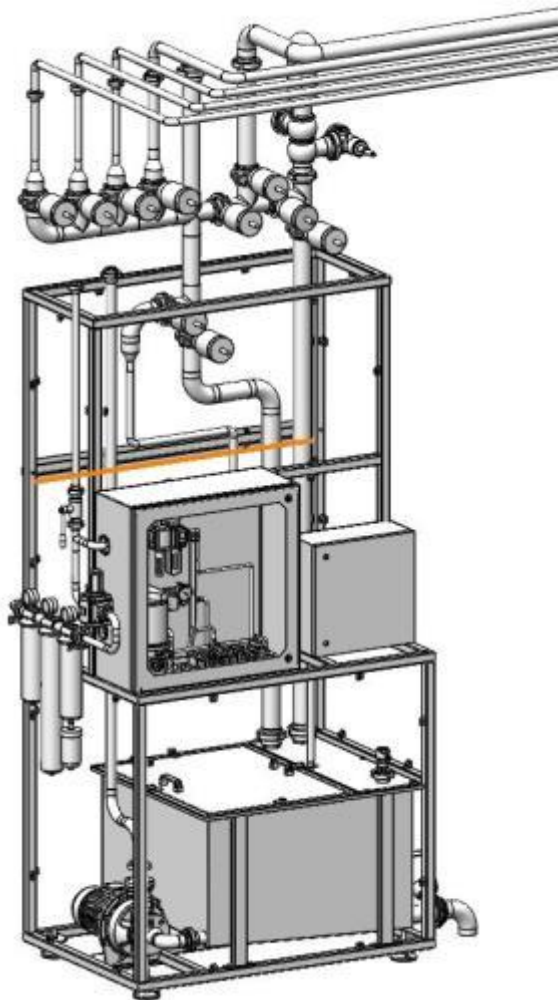




## COP / CIP

- **Two individual CIP circuits:**
  - batch cycle for the doser
  - closed loop for the filler
- **CIP Unit Sac Doser (optional):**
  - 1500 litre tank for CIP solution
  - 2 tanks for soda and acid storage
  - ring with spraying nozzle to wash the outside of the dosing valve
- **CIP fully automatic no manual intervention**
- **CIP medium recovery No detergent waste**





## CFT Benefits

- ✓ Versatility (Can – Glass – PET)
- ✓ System planning and engineering
- ✓ Process technology
- ✓ Filling Technology
- ✓ Packaging Technology
- ✓ Information technology
- ✓ Training
- ✓ Spare parts service

## CFT experience:

- **More than 120 similar projects** including filler and complete lines over the last few years around the whole world



## SHAPE INSPECTION

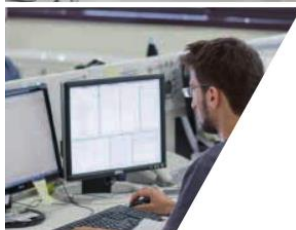
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CONTROL & INSPECTION FOR YOUR BOTTLING AND PACKAGING LINE



## + FTSYSTEM

Founded in 1998, FT SYSTEM has specialised in the design and production of quality control monitoring systems along the entire bottling and packaging line.

From the inspection of empty containers and caps to the fill levels, from the accurate capping to the leakage detection, from measuring the internal pressure of the container to the weight control, the label checking to laboratory analysis, FT SYSTEM guarantees the quality of your packaging products by optimising production and cost reduction.

## + INTEGRATED AND TOTAL QUALITY SOLUTIONS

The simple and intuitive multiple inspection stations along the entire packaging process can also be integrated into a single control panel for a total overview of the quality and production performance.

## + CONSTANT RESEARCH

The heart of FT SYSTEM is its R & D team, assisted by a developed network of partnerships with universities and international research centers, dedicated to the most innovative and non-destructive inspection technologies: high frequency, X-ray, infrared, optical, laser, artificial acoustic and visual analysis.

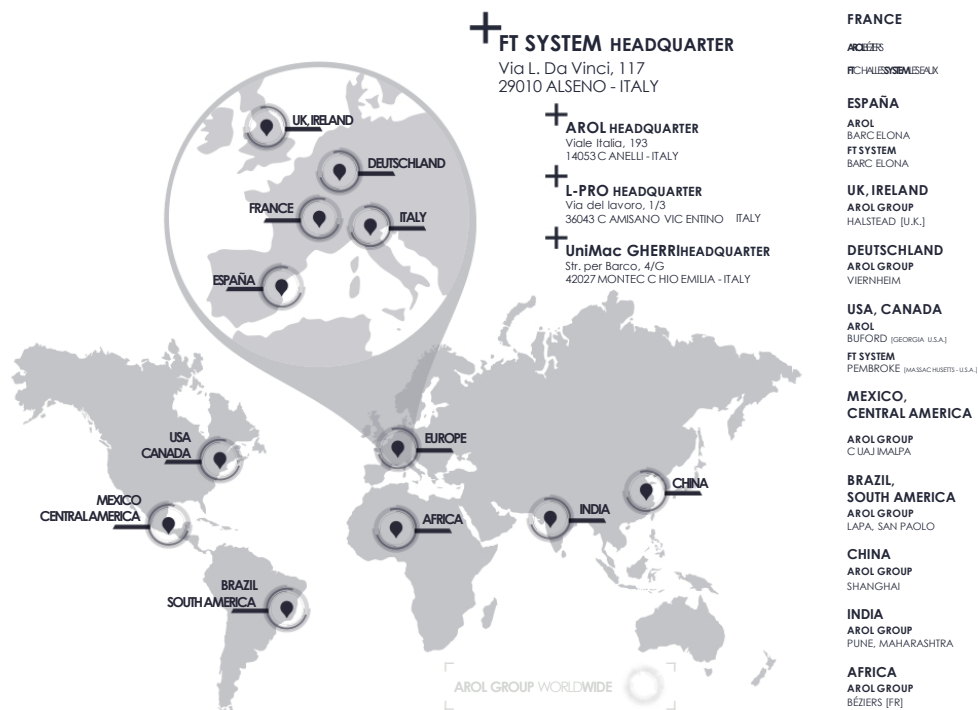
## + GAS SENSING

L PRO-GAS SENSING is a FT SYSTEM patented technology dedicated to laser spectroscopy. A revolutionary and innovative method, which has enabled the design and the realization of nondestructive instruments of analysis and measurement of gas inside closed containers. The main fields of application of L PRO technology are the bottling of wine, beer, water and soft drinks and even the wider industry and pharmaceutical industry.



ftsystem.com

arol.com  
lpro.it  
unimac-gherri.com





Ideal to ensure the selection of empty containers and/or their orientation before filling. The inspection will reduce the number of jams and rejects due to imperfections in the shape or deformations of the container.

The system is available in different configurations in order to meet the need for inspecting both transparent and opaque containers.



[depending to the configurations]

- Shape compliance
- Container integrity
- Defects of the profile
- Defects of the surface
- Container orientation





Ideal to ensure the selection of empty containers and/or their orientation before filling. The inspection will reduce the number of jams and rejects due to imperfections in the shape or deformations of the container.

Machine vision technology  
Configurable / expandable  
with additional inspection  
modules

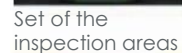
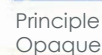
## IMPROVE PRODUCTIVITY

- Reduction of the number of filler damages and jams
- Reduction of the number of filled product rejects
- Reduction of the number of "line stop"

Reduction of customer  
complaints related to  
damaged containers  
Ensure product quality

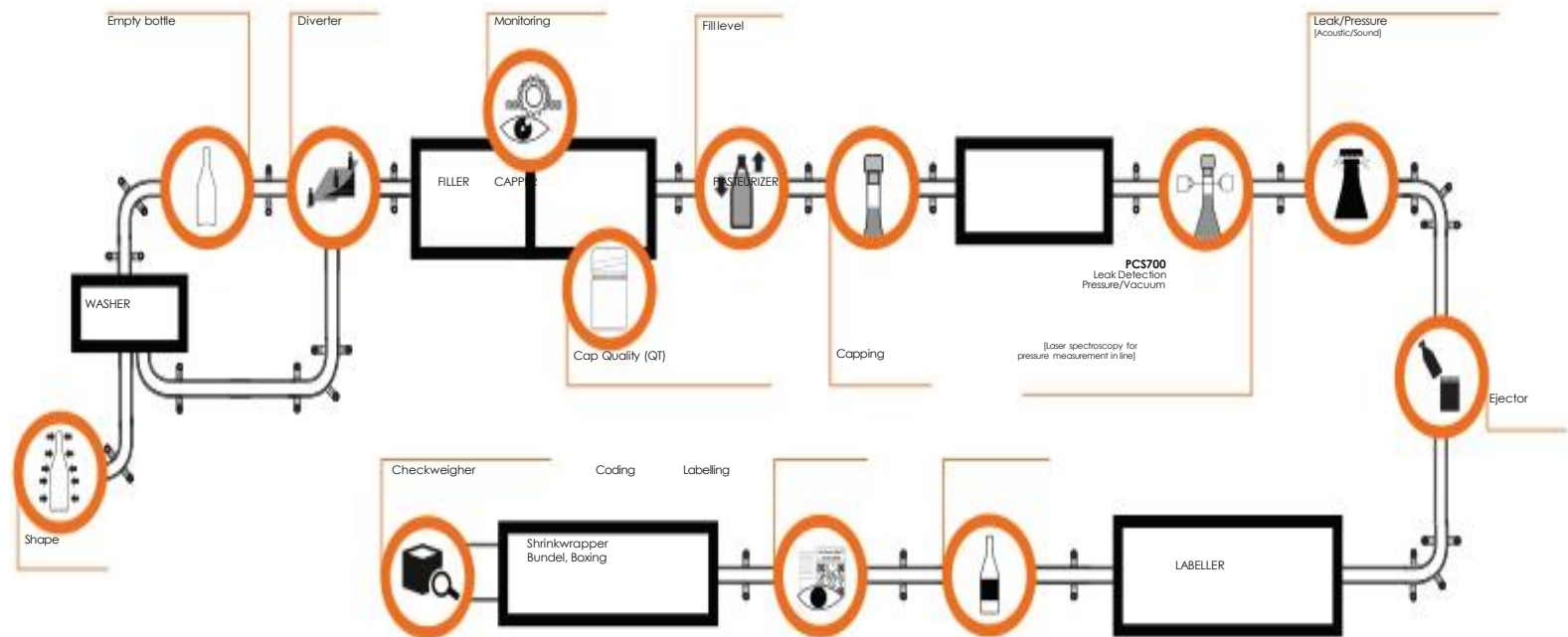
• • •

Glass, PET, HDPE, etc.



FT SYSTEM HAS A COMPLETE RANGE OF CONTROL AND INSPECTION SYSTEMS  
in order to ensure the high quality of your product allowing the optimization of your production reducing costs

## FOR YOUR... GLASS LINE



## FOR YOUR... LABORATORY



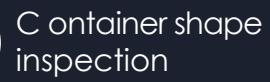
CO<sub>2</sub>  
Content analysis



O<sub>2</sub>  
Content analysis



CO<sub>2</sub> + O<sub>2</sub>  
Content analysis



Ideal to ensure the selection of empty containers and/or their orientation before filling. The inspection will reduce the number of jams and rejects due to imperfections in the shape or deformations of the container.







## CORPORATE PRESENTATION

*Never-ending Passion for Innovation*

## P.E. LABELLERS around the world

### ITALY

#### EXCELLENCE PRODUCTION SITES

P.E. LABELLERS  
SPA



MONDIAL



PACKLAB



CRM



#### PARTS MANUFACTURING COMPANIES

TMC



TRCG



### AMERICAS

#### EXCELLENCE PRODUCTION SITES

P.E. LABELLERS USA (OH)



P.E. LABELLERS BRAZIL  
(BR)



P.E. LABELLERS USA (CA)



### ASIA

#### PROMACH SERVICE CENTERS

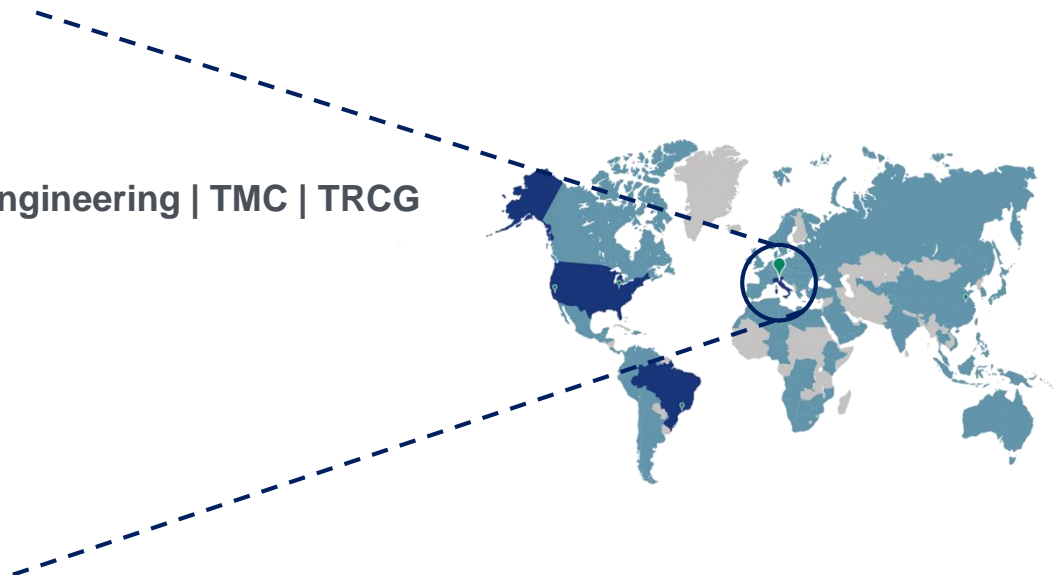
PROMACH SERVICE CHINA



## **P.E. Labellers S.P.A. – Italy**

### **Headquarters & Production Plant**

- P.E. HQ & Plants: 38,200 sqm
- 5 divisions: PackLab | Mondial | CRM Engineering | TMC | TRCG
- 46 Agencies handled from Italy
- 65 Service Specialists
- 8,000 machines serviced from Italy



## Company Organization

### ITALY – Headquarters & Production Sites

- P.E. LABELLERS S.P.A.
- PackLab
- Mondial
- CRM

### ITALY – Parts Manufacturing Companies

- TMC
- TRCG

### USA – Production Sites

- P.E. LABELLERS USA (OH)
- P.E. LABELLERS USA (CA)

### LATIN AMERICA – Production Site

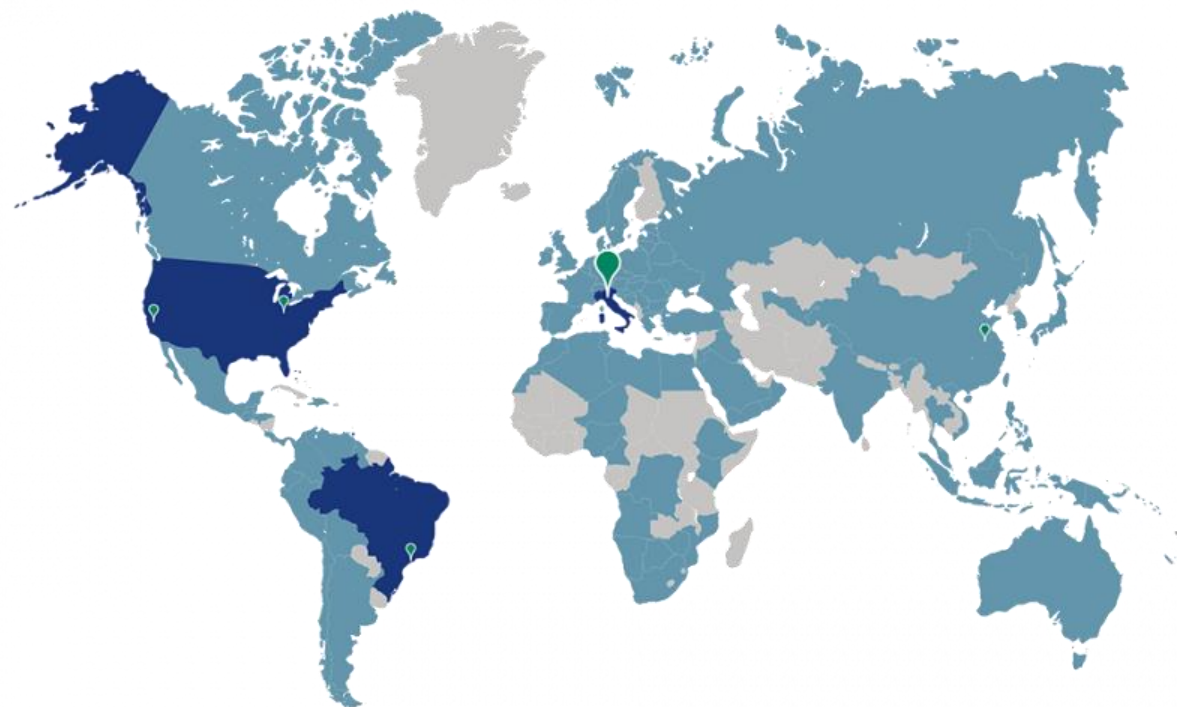
- P.E. LABELLERS BRAZIL (BR)

### ASIA

- PROMACH PERFORMANCES SERVICE CHINA

### AGENCIES with technical service

Globally located



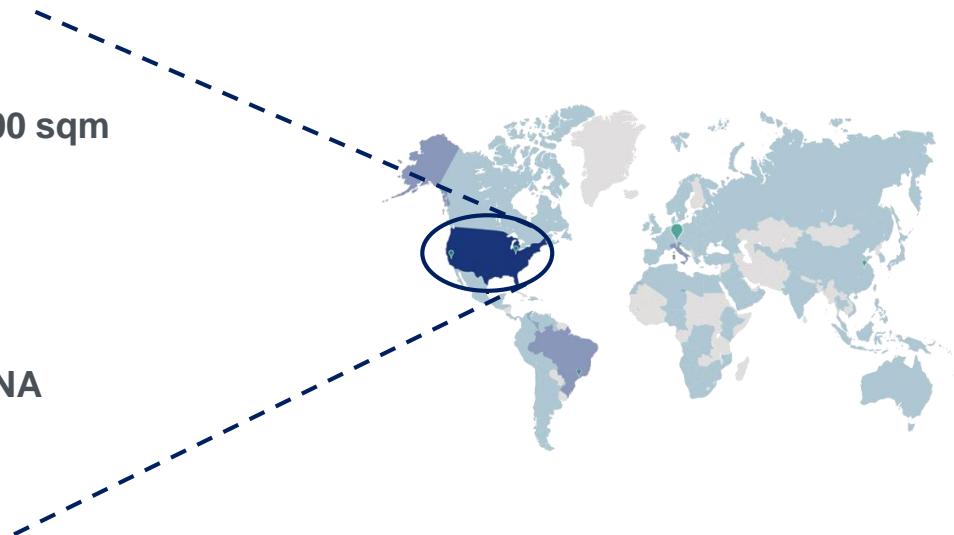
**PRODUCTION SITES**  
8 Excellence Production Centers

**AGENCIES & SERVICE CENTERS**  
76 worldwide  
90+ Service Experts

## P.E. Labellers North America

### Production Plant & Spare Parts Warehouse

- 2 Manufacturing Sites & Offices OH | CA: 4,000 sqm
- 20 Agencies
- 10 Service Specialists
- 2,000 machines installed and serviced in US/NA

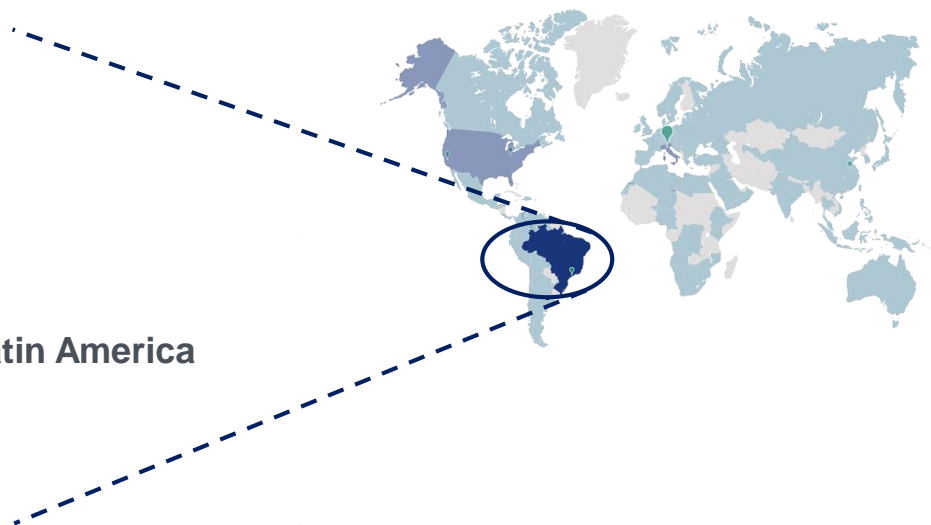




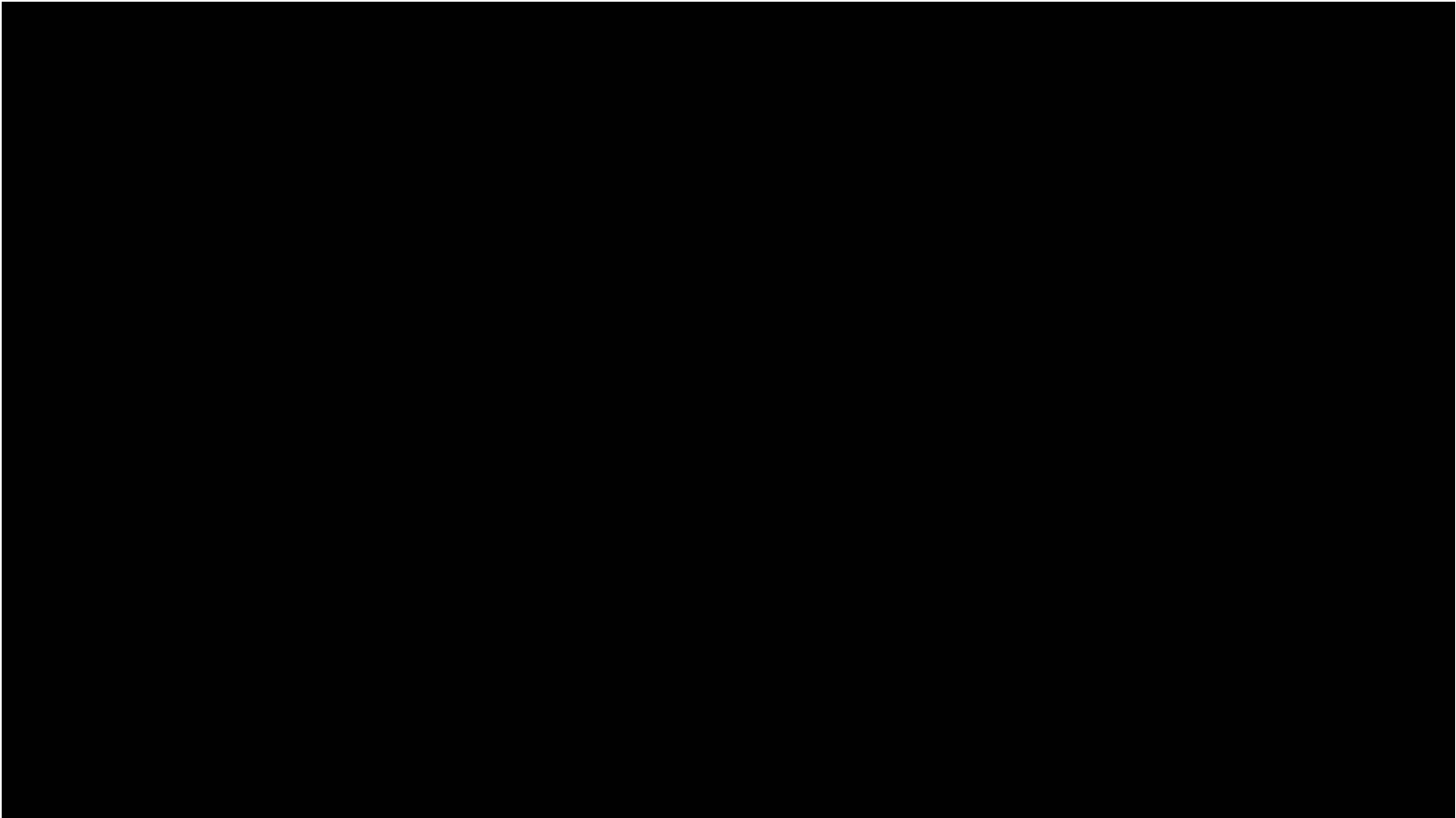
## P.E. Labellers Brazil

### Production Plant

- Plant: 3,500 sqm
- 10 Agencies
- 8 Service Specialists
- 910 machines installed and serviced in Latin America



# How it works



# Nước mắt Masan







## 8 MAIN MARKETS

GLOBALLY SERVED WITH OUR SMART LABELLING MACHINES





- Wine
- Spirits



- Food
- Dairy



- Mineral waters



- Soft drinks
- Juices
- Beers

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- Personal care
- Home care



- Pharma



- Packaging



- Chemicals





# PORTFOLIO

## OUR MAIN REFERENCES IN ALL MARKETS



## Wine • Spirits





## Beverage • Mineral Waters • Beers



## Food • Dairy



## Personal Care • Home Care




## Pharma • Chemicals



Back to menu

# Thank You