

X O L E R T I C

✧ Prodec ✧ Sinterpack

SMARTLY INTEGRATED COMPLETE  
END-OF-LINE SOLUTIONS  
**DESIGNED BY EXPERTS**



# ABOUT

**Xolertic** is the corporate umbrella name where the two well knowhow companies Prodec and Sinterpack are under, these two main companies of our organization are **well known and leaders in Case Packing ant Palletizing applications respectively**. They are joined by a common goal: to **offer the industry with reliably end of line solutions** that will provide equipment that perform efficiently and improve their profitability.

With almost **100 years of shared experience**, Prodec and Sinterpack provide Xolertic with the guaranty and peace of mind that is past alone our customers. The power of a brand with a **clear vision to excel and expand themselves globally, with dedicated engineers** that are committed to enhance our very own technology directed to all kinds of industries.

**Xolertic** has now completed **more than 2250 end of line installations working very well over the years in more than 40 countries** and extensive network of technologically expert partners in constant pursuit of talented individuals in order to accomplish their ambitious growth plan.

## X O L E R T I C

COMPLETE END-OF-LINE  
TURNKEY SOLUTIONS



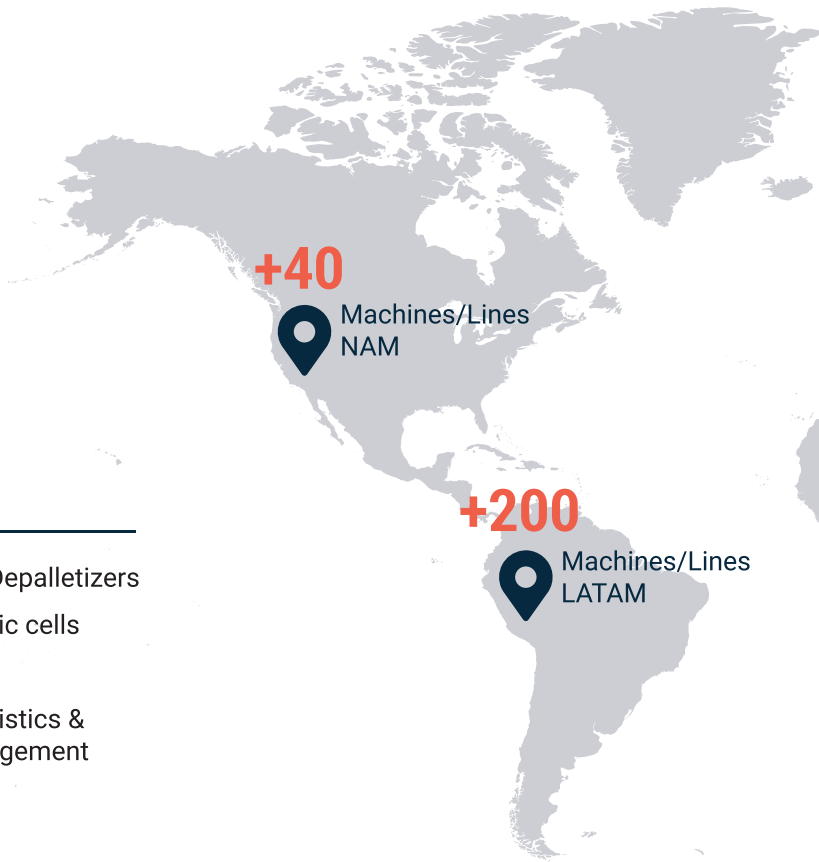
## STRENGTHS

### Prodec XOLERTIC GROUP

- ✦ Expertise in Flexible packs
- ✦ High-Speed Solutions
- ✦ Proprietary Technology
- ✦ Versatile Solutions
- ✦ Side Load
- ✦ Top Load
- ✦ Wraparound
- ✦ Robotic

### Sinterpack XOLERTIC GROUP

- ✦ End-to-End Robotic solutions
- ✦ Personalized Solutions
- ✦ Very demanding Operating conditions
- ✦ Robust Construction
- ✦ Palletizers and Depalletizers
- ✦ Palletizing robotic cells
- ✦ Robots
- ✦ International logistics & Peripheral management



## OUR STRATEGY



**Internationalize**  
Sinterpack through our  
Sales Network



To include **tertiary solutions** in our range  
of machinery



To adapt our systems to  
**mono material & paper based flexible packs**



**Sustainability** by  
helping to reduce waste  
in EOL operations



**Smartly integrated end-of-line systems**  
including repacking



## OUR AREAS



COFFEE



DAIRY



CONFECTIONERY  
& BAKERY



OIL & FATS



PAPER, HYGIENE  
& INCONTINENCE



CEREALS & INFANT  
NUTRITION



SAUCE & SNACKS



PET FOOD



HOME &  
PERSONAL CARE



YEAST

**+1900**



Machines/Lines  
EUROPE

**+40**



Machines/Lines  
MIDDLE EAST

**+20**

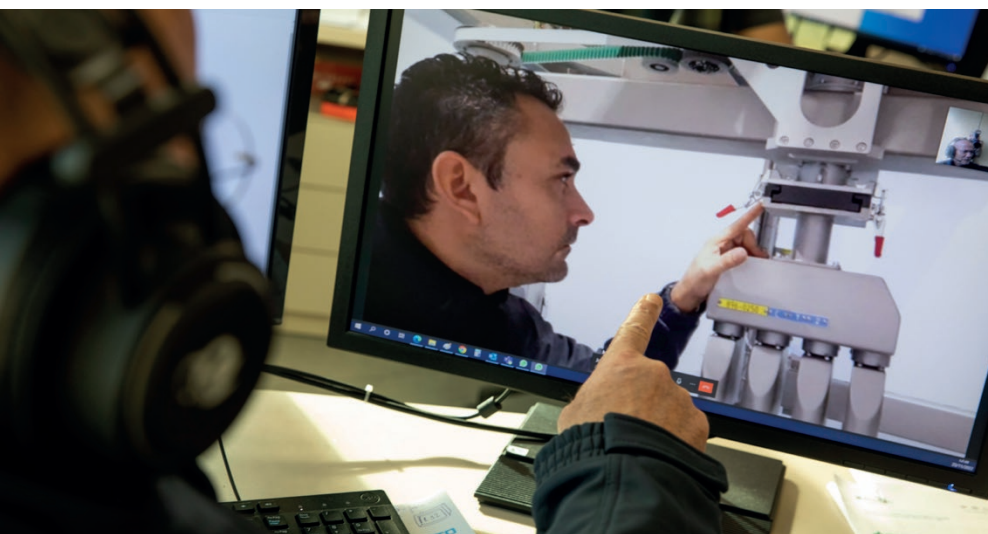


Machines/Lines  
AFRICA

**+80**



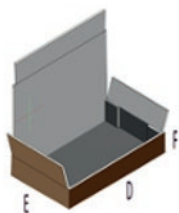
Machines/Lines  
ASIA



DEEP INTEGRATION FOR  
**COMPLEX APPLICATIONS**



# CARTONING SOLUTIONS



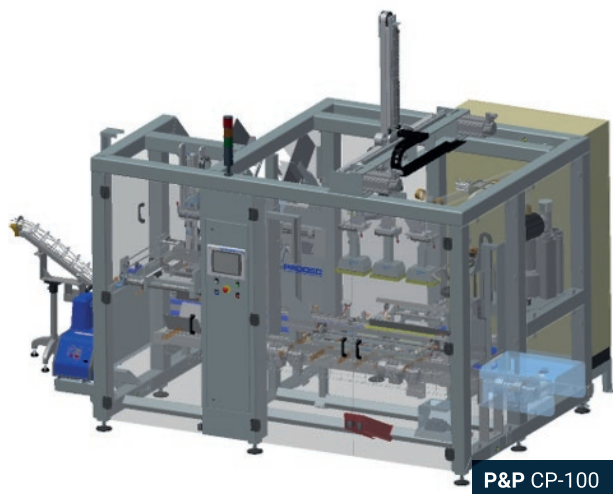
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SERVING EFFICIENCY



## TOP LOADING

### P&P (ALIGNED PACKS)

✦ CP-100

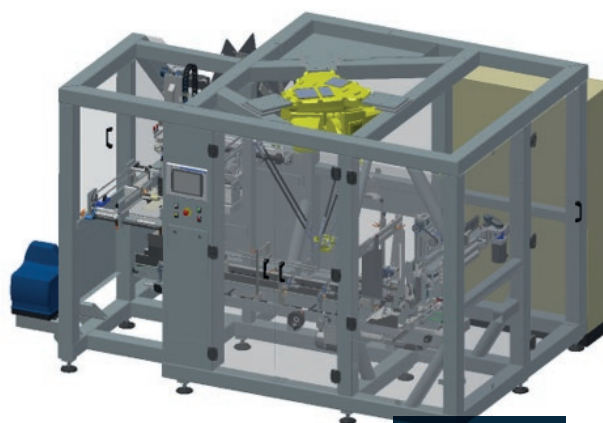


P&P CP-100

### ROBOT (RANDOM PACKS)

✦ CR-100

✦ CR-200



ROBOT CR-100



## MECANIZADOS DOSAL

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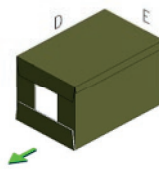
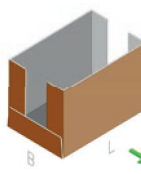
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NAVES TAGLOSA, 107  
09007 BURGOS

Tel.: 947 48 54 02

E-mail: mecanizadosnozal@outlook.es







## TOP LOADING

### P&P (ALIGNED PACKS)

#### ROBOTIC SYSTEM

✦ K-100 ✦ K-200

#### GANTRY SYSTEM

✦ D-100 ✦ D-300 ✦ D-600



## SIDE LOADING

### WRAP CASE

#### AUTOMATIC

Case erecting, Filling and Sealing  
(Hot Melt)

✦ Series NWG-10

✦ Series NWG-20

### RSC CASE

#### AUTOMATIC

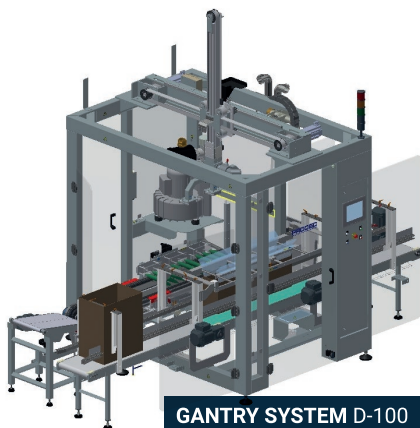
Case erecting, Filling and Sealing  
(Tape / Hot Melt)

✦ Series FL-1

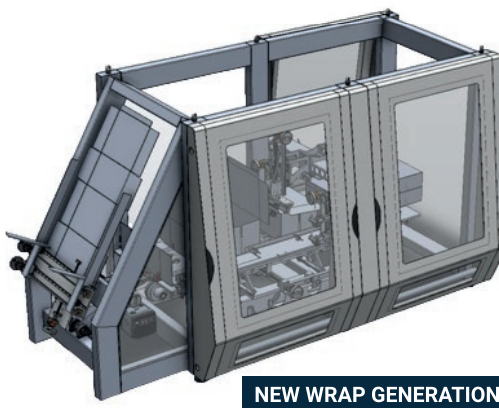
✦ Series FL-5

✦ Series FL-3

✦ Series FL-6



GANTRY SYSTEM D-100



NEW WRAP GENERATION



RSC CASE Series FL

## TOP LOADING

✦ Forming, filling and sealing in a monoblock, 6m² footprint

✦ Available in multiple versions as needed

✦ Up to 300 pouches per minute

✦ Hygienic and ergonomic design

✦ Quick change of format

## SIDE LOADING

✦ Tape/Hot melt box sealing

✦ Prepared to work with different grouping modules

✦ Up to 15 boxes per minute

✦ Blanks magazine extendable capacity

✦ Hygienic and ergonomic design

✦ Quick change of format

✦ Box erector, filler and sealer in a unique module



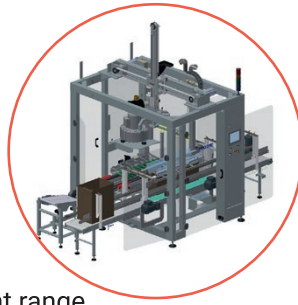
# CASEPACKING SOLUTIONS

TOP LOADING



## D-100 CASEPACKER FEATURES

- ✘ Tape/Hot melt box sealing
- ✘ Up to 3 boxes per cycle
- ✘ 18 nominal cycles for a weight range from 20 to 65 kg
- ✘ 13 nominal cycles for a weight range from 50 to 95 kg
- ✘ Infeed up 250 pouches/min in 4m<sup>2</sup>
- ✘ Rotating head option



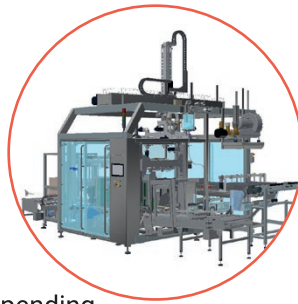
## D-300 CASEPACKER FEATURES

- ✘ Tape/Hot melt box sealing
- ✘ Up to 6 boxes per cycle and 30 box/min
- ✘ 20 nominal cycles for a weight range from 65 to 120 kg (1 stacker)
- ✘ 17 nominal cycles for a weight range from 65 to 160 kg (2 stackers)
- ✘ Infeed up 380 pouches/min in 6,3 m<sup>2</sup>
- ✘ Rotating head option



## D-600 CASEPACKER FEATURES

- ✘ Up to 3 boxes per cycle
- ✘ Up 30 box/min
- ✘ Up to 17 cycles per minute depending on the weight and product
- ✘ Extendable/Rotating head option
- ✘ Top and side loading casepacking



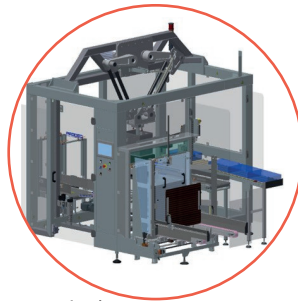
## K-100 CASEPACKER FEATURES

- ✘ Up to 3 boxes per cycle
- ✘ Up to 30 cycles per minute depending on the weight and product
- ✘ Infeed up 250 pouches/min in 4m<sup>2</sup>
- ✘ Rotating head option, max. 3-up head
- ✘ Prepared to work in low height spaces
- ✘ Low maintenance required, no bearing guides, belts and life long bearings



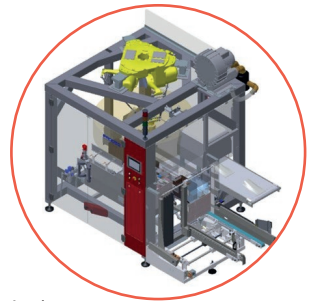
## K-200 CASEPACKER FEATURES

- ✘ Integrated case erector
- ✘ Up to 1 box per cycle and 12 boxes/min
- ✘ Rotating head option
- ✘ Box erector and filler in a unique module
- ✘ Prepared to work in low height spaces
- ✘ Low maintenance required



## SPIDER ROBOT FEATURES

- ✘ Integrated case erector
- ✘ Up to 1 box per cycle and 10 boxes/min
- ✘ Rotating head option
- ✘ Box erector and filler in a unique module
- ✘ Prepared to work in low height spaces
- ✘ Low maintenance required
- ✘ Possibility to work with random packs



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## WRAP CASE

### NWG-10 CASEPACKER

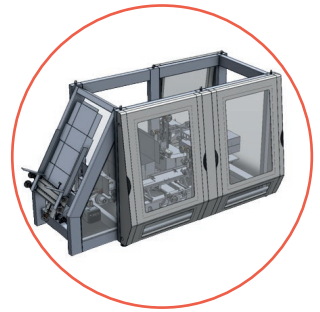
#### FEATURES

- ✦ Adaptive production
- ✦ Possibility to do Complete box or Trays
- ✦ Tray & Lid available with an additional equipment
- ✦ Up to 10 boxes/min (12 for special applications)
- ✦ Blanks magazine capacity from 500 to 1200 mm
- ✦ Box erector, filler and sealer in a unique module

### NWG-20 CASEPACKER

#### FEATURES

- ✦ Adaptive production
- ✦ Possibility to do Complete box Tray, Ledge Tray, Tray & Hood, Tray & Lid
- ✦ Up to 20 boxes/min (24 for especial applications)
- ✦ Blanks magazine capacity from 500 to 1200mm
- ✦ Blanks magazine extendable capacity
- ✦ Tray & Lid available with an additional equipment
- ✦ Box erector, filler and sealer in a unique module



## RSC CASE

### AUTOMATIC CASE ERECTING, FILLING AND SEALING

#### SERIES

- ✦ FL-1
- ✦ FL-3
- ✦ FL-5
- ✦ FL-6

#### FEATURES

- ✦ Tape/Hot melt box sealing
- ✦ Prepared to work with different grouping modules
- ✦ Up to 15 boxes/min
- ✦ Blanks magazine extendable capacity
- ✦ Hygienic and ergonomic design
- ✦ Quick change of format
- ✦ Box erector, filler and sealer in a unique module



## FLEXIBLE PACKAGES EXPERTISE

✦  
PILLOW  
BAGS

✦  
BLOCK  
BOTTOM BAGS

✦  
PACK

✦  
DOYPACK

✦  
FLOWPACKS

✦  
SACHETS

✦  
GUSSET  
PILLOWBAGS

✦  
CHAINPACKS



# PALLETIZING SOLUTIONS

## PORTFOLIO



### COLLABORATIVE ROBOT SOLUTION

- ✦ Casepacking
- ✦ Palletizing
- ✦ Special executions



### INDUSTRIAL ROBOTICS

- ✦ Gantry
- ✦ Row Palletizing
- ✦ Complete Layer Palletizing
- ✦ Central Palletizing
- ✦ Special applications

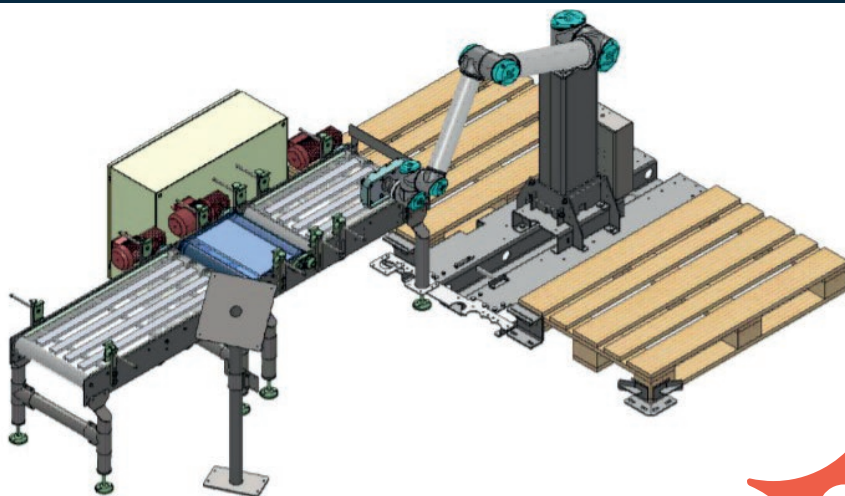


### OEM INTEGRATION

- ✦ Labelling
- ✦ Stretch wrapping
- ✦ Internal Logistics
- ✦ Smart factory



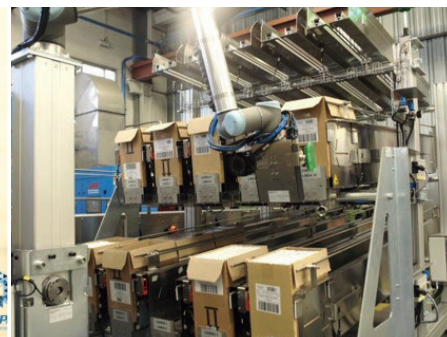
## COLLABORATIVE ROBOT SOLUTION COBOT CASE PACKING



- ✦ Accomplishment of Safety requirements
- ✦ Man-Machine working together
- ✦ Possibility to have one single robot for case erecting/case packing
- ✦ Automation of low speed lines
- ✦ Optimized footprint
- ✦ User-friendly technology
- ✦ Flexible solution
- ✦ Includes the Pattern Editor

## SPECIAL EXECUTIONS

- ✦ Repacking (Mixing of products)
- ✦ Depalletizing of Tubes
- ✦ Product handling applications
- ✦ Picking and others



## ADVANTAGES OF COLLABORATIVE ROBOTICS

- ✦ It simplifies the process while accomplishes with all safety requirements
- ✦ Man-Machine working together
- ✦ Empowerment
- ✦ User-friendly environment
- ✦ Automation of low speed lines

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## PALLETIZING

### GANTRY

- ✘ Reduced footprint
- ✘ Limited speed & weights
- ✘ Includes pallet pattern editor
- ✘ User-friendly interface
- ✘ Perfect for the palletizing on a single line

## PALLETIZING

### LAYER

- ✘ High speed lines
- ✘ Big product collations like display tray ¼ pallet
- ✘ Ideal for unstable products
- ✘ Very reliable solution
- ✘ Adjustable to every type of product

## PALLETIZING

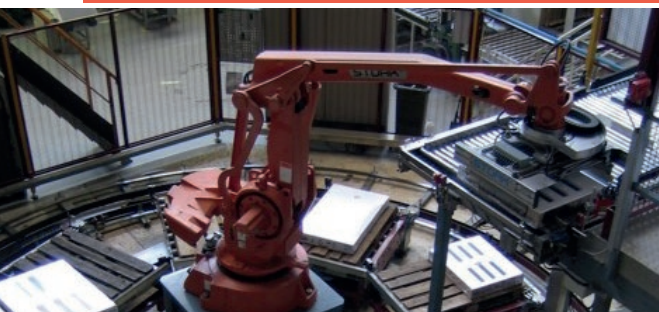
### ROW

- ✘ Customized solution in between a COBOT and a layer palletizing system
- ✘ Pallet pattern editor included
- ✘ Very Robust solution
- ✘ Flexibility for future changes
- ✘ Modular concept
- ✘ Expertise on grippers applied design

## PALLETIZING

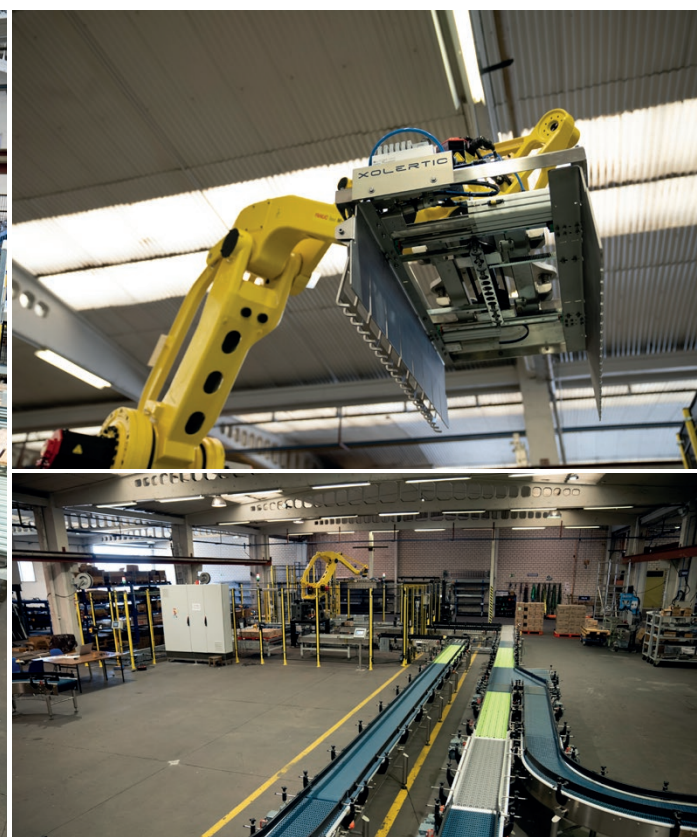
### CENTRAL

- ✘ Centralized production
- ✘ Optimized use of the resources
- ✘ Consumables centralized location
- ✘ It reduces and eliminates unnecessary logistics
- ✘ Highly efficient solutions
- ✘ Pallet pattern editor included



## SPECIAL APPLICATIONS

- ✘ Repacking (mixing of products)
- ✘ Depalletizing of Tubes
- ✘ Product handling applications
- ✘ Picking and others





## OEM INTEGRATION

### ROBOT

- ✦ **ABB** 180Kg | 250Kg | 500Kg
- ✦ **FANUC** 180Kg | 250Kg | 500Kg
- ✦ **KUKA** 180Kg | 250Kg | 500Kg

### SMART

- ✦ Integration of pallet handling equipment
- ✦ Communication with downstream equipment
- ✦ Communication with upstream equipment
- ✦ Smart maintenance
- ✦ Factory 4.0 tools available

### LINE

- ✦ Ground and check weighers
- ✦ Cardboard sheet dispenser
- ✦ Boxes/pallet elevator
- ✦ Labellers
- ✦ Spiral elevators/descenders
- ✦ Stretch wrapping
- ✦ Pallet turning system

### CUSTOMIZED

## SYSTEMS

- ✦ Large expertise on the application design
- ✦ Customized design depending on type of pack, weight, speed, pallet manipulation and peripherals
- ✦ Large expertise on customized layout design
- ✦ Line Traceability
- ✦ Highly efficient solutions



ROBOT INTEGRATION ABB



ROBOT INTEGRATION FANUC



ROBOT INTEGRATION KUKA

Ferretería industrial - EPI's & vestuario - Neumática



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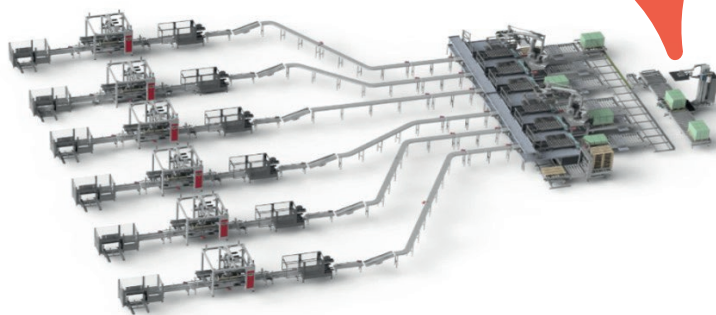
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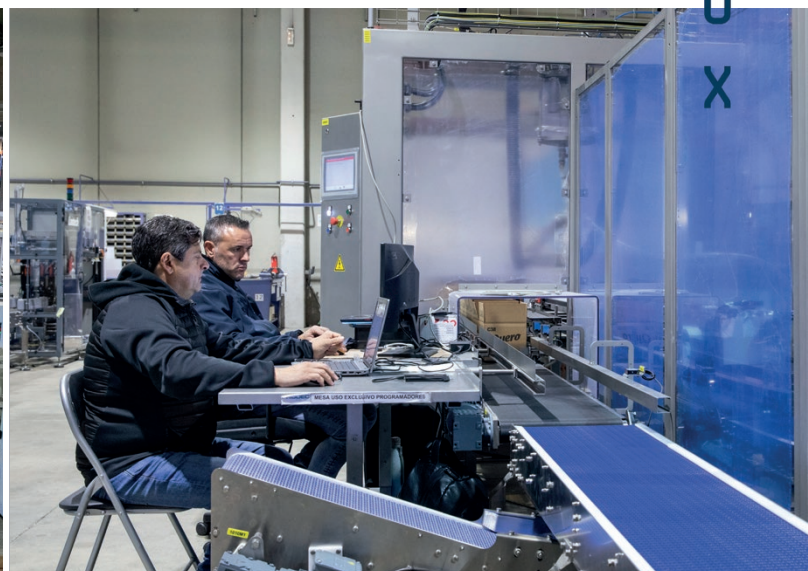
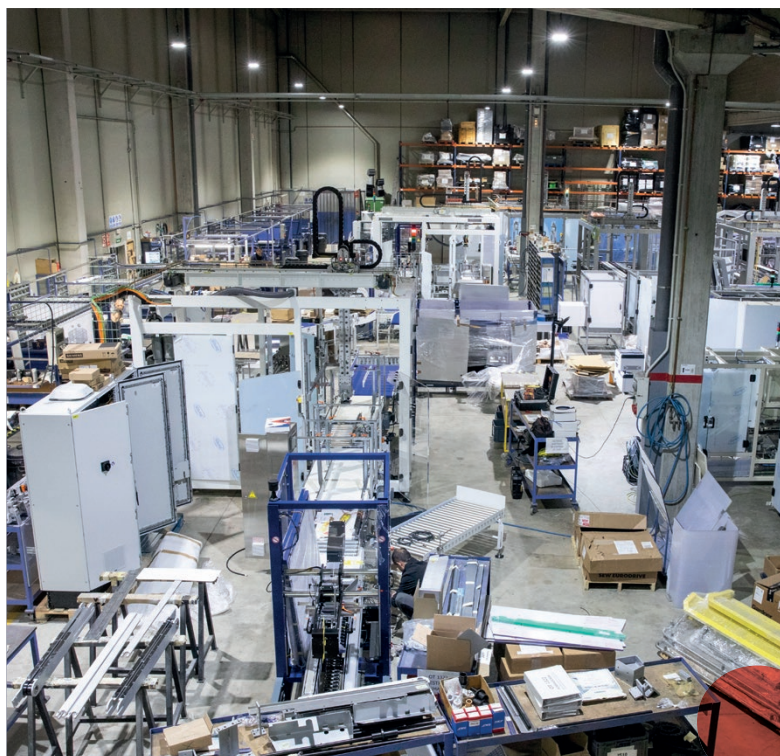


## INTEGRATION OF THIRD-PARTY MACHINES

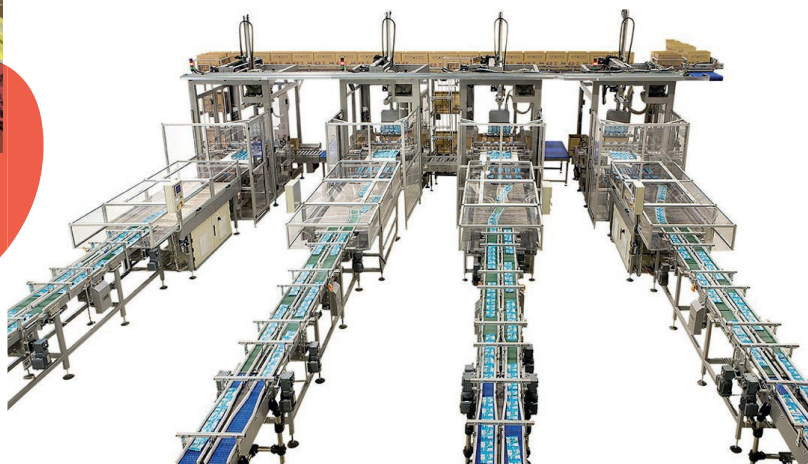
- ✦ Check-weighers
- ✦ Barcode readers, Track & Trace
- ✦ ASRS handshake
- ✦ Vision system, X-ray machines
- ✦ Shrink wrap / Strapping
- ✦ Descender, Ascenders, spiral conveyors
- ✦ Partition inserter
- ✦ Any other requirement of the packaging process



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## INTEGRATION OF THIRD-PARTY MACHINES, EQUIPMENT & ANCILLARIES



- RODAMIENTOS
- MOTORES Y MOTORREDUCTORES
- SOPORTES Y COMPONENTES
- BANDAS MODULARES
- PIÑONES Y CHARNELAS
- CADENAS DE TRANSMISIÓN

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Original  
Spare Parts



Operators  
Training



Maintenance  
Contracts



On call  
service



Production  
Support



Patterns  
Formats



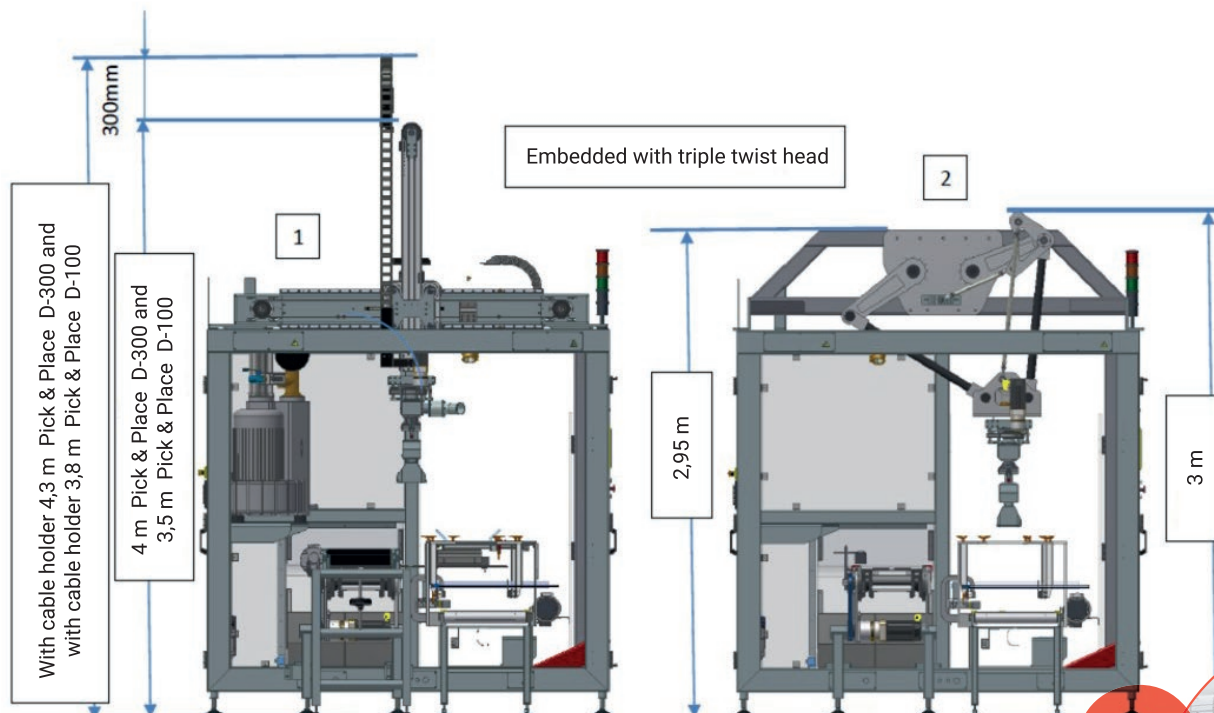
Upgrades  
Retrofits



RTA Remote  
Technical Assistance







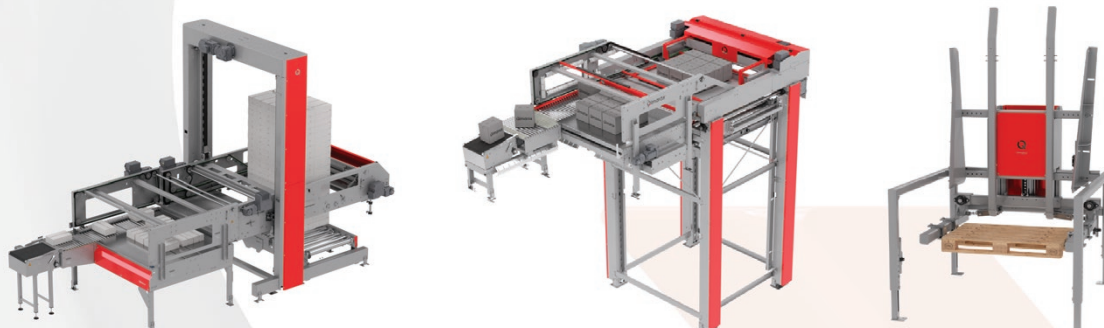
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FROM ENGINEERING REPORTING  
DIRECTLY TO THE CEO**



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Key Components for OEM & System Integrators

- Vertical Conveyors
- Palletizing Modules
- Sorting & Buffering
- Pallet Stackers
- Safety Fencing



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### Power transmission

THE FUNDAMENTAL PART OF THE ELEMENTS OR ORGANS OF A MACHINE.



### Linear transport

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### Mechanical elements

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OVER 35 YEARS OF EXPERIENCE BEHIND US

**We specialise in transmission and movement elements, offering solutions adapted to all our customers.**

We currently serve companies in a wide variety of sectors: food, textiles, logistics and transport, pharmaceuticals, graphics and packaging, paper and cardboard, automotive.

## Industry sectors

Over more than 35 years of service in various industrial sectors, we can vouch for the satisfaction of our customers with the service and quality of our products.



automotive



food



containers and packaging



machinery manufacturers



ceramics



textile



bakery and confectionery



paper, cardboard and graphic arts



logistics



cable industry







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