



VEGETABLES  
& NUTS  
XL LINE

Complete and fully automated  
solutions to pack vegetables & nuts  
into pallet containers

# Your product

With over 70 years of know-how, we guarantee the very best handling and packing of various bulk products into pallet containers.

Frozen vegetables – nuts – food ingredients – spices – grains & cereals - ...

## Unique packaging concept for pallet containers

Offering responsive box lining solutions, Pattyn responds continuously to the market demands, and specific customer needs. Therefore Pattyn has developed a unique range of XL packaging machines to automate the packaging and filling of bulk products into lined pallet boxes, octabins, plastic & metallic containers or wooden crates. As turn key supplier Pattyn integrates OEM equipment and collaborates with OEM manufacturers of various transport systems, such as Automated Guided Vehicles (AGV), to offer you a complete solution.

### ERGONOMICS

Due to the large size of pallet containers, manual bag insertion and bag closing is difficult to manage. The XL packaging machines offer you the perfect solution to automate this manual process and eliminate the non-ergonomic bag insertion and bag sealing.

### HIGH AUTONOMY

Depending on the container size, we guarantee a high line autonomy thanks to the use of made-to-measure bags from a reel (with weight up to 600kg / reel).

### HYGIENE & FOOD SAFETY

There's no human contact with the inside of the bag during bag insertion and bag closing. The bag is perfectly inserted in the corners of the container which prevents tearing of the bag during filling. Bag sealing and automated placing of a top sheet will ensure product protection during transport and storage.

### CONTAINER SPECIFICATIONS

Mm	L	W	D (height flaps up)
Min.	800mm	500mm	650mm
Max.	1400mm	1300mm	1500mm

For other container specifications or requirements, please contact us. We support you to find the most suitable solution.



# Fully automated vegetables & nuts XL line



## 1. CASE ERECTOR

The **case erector** automatically forms new and re-used telescopic and non-telescopic boxes and octabins.

Depending on the type of container we offer a Pattyn case erector or integrate the best suitable OEM equipment.

Automatic pallet exchange and integrated pallet destacker (optional)



## 2. BAG INSERTER

The **bag inserter** is a perfect solution to make and insert bags automatically and ergonomically into different pallet containers.

- Made-to-measure bags from a reel for **maximum autonomy**
- **Perfect bag insertion** thanks to the integrated air plunger system



## 3. WEIGH FILLER

Pattyn offers its own or any kind of OEM **weigh filler**, guaranteeing the appropriate solution for your product

and required filling capacity. We also integrate your existing filling system.



## SHAKING SYSTEM

To level the product before closing the bag, we offer you a shaking or product levelling device.

## 4. BAG CLOSER

The **bag closer** perfectly protects your product.

- **Bag sealing** with vacuumizing options, or bag folding.
- Perforation of the bag for easy opening (optional).



## 5. CASE CLOSER

The case closer automatically closes the flaps. For octabins a separate lid placer is supplied to close the octabin with a top cover. For wooden crates a

top sheet dispenser and stretcher is provided to cover the crate with a top sheet.

## PALLETIZER

Possibility to integrate end of line solutions: labeller, stacker, palletizer, ...



## Our expertise, your added value

With our unique expertise in packaging and turn key projects worldwide, we provide a valuable contribution to the optimization of your packaging process. You rely on specialists, supporting you to find the right solution from **case erecting to case closing**.

We also integrate end of line equipment (such as a labeller, stacker, palletizer, product & box conveyor system,...), taking **full responsibility** for the complete line.

One contact person is responsible for the follow-up and planning of your project. From the order confirmation till the installation you receive **full personalized support**.

## Satisfied customers



## Worldwide support

Since the foundation in 1952, Pattyn hasn't stopped growing and keeps investing in the future.

More than 20 years ago we installed the first XL line for pallet containers, today we have many lines running throughout the world. Always caring about your investment and the continuity of your line, our ultimate goal is to obtain full customer satisfaction.

## Pattyn group

The Pattyn Group, still a family company, has strengthened its position worldwide in the industrial packaging industry and will maintain its leading position in an ever changing market. With more than **450** employees and **30** Business Partners the Pattyn Group supports more than **1200** customers worldwide.

**Because it's all about U.**

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