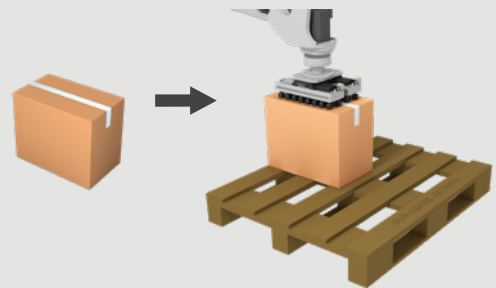


# PATTYN

A DURAVANT COMPANY

## CEPAL PALLETIZER

The Pattyn robot palletizer automatically & easily stacks your boxes at the end of your line.



PLUG  
&  
PAL

### One Line, One Partner

- One partner for your **turnkey** bulk packaging line
- Standard Pattyn User Interface ensures complete **consistency** throughout your line
- **Safe & easy** palletizing of boxes
- Skid mounted for **fast installation & startup**

### High Autonomy & flexibility

- **Continuous flow** assuring optimal operational efficiency
- Matches your line speed
- **Perfect box positioning** & consistent palletizing
- **Wide variety of box types & sizes** can be handled thanks to the Pattyn experience in several markets



Watch our videos  
at [pattyn.com](https://www.pattyn.com)

# TECHNICAL SPECIFICATIONS

## Compact & flexible solution

- Predefined layout and capacities
- Palletizing solution with 1 infeed / 1 outfeed
- 4 standard configurations available
- Robot mounted on a skid
- Easy and quick installation on site

## Standard solution with

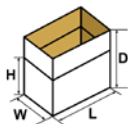
- Fanuc robot with vacuum gripper.
- Box conveyor with positioning tool.
- Electrical cabinet, robot bay and fences on the skid.
- Remote access point (one per line)

## User friendly interface

- 15" HMI with standard Pattyn Interface
- Easy to create your own pallet recipe
- Equipment MES ready

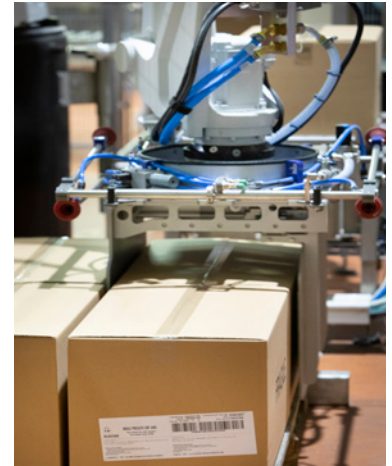
## Options

- Pallet destacker
- Mechanical gripper
- MAX version with Fanuc robot
- Slip sheet dispenser

CASE DIMENSIONS (For other dimensions, please contact Pattyn)	
Type	Standard boxes, virgin or re-used
Range (L x W x H) mm	Min. 300 (L) x 200 (W) x 100 (H) * Max. 700 (L) x 420 (W) x 450 (H)
	
PALLET DIMENSIONS (For other dimensions, please contact Pattyn)	
EURO Pallet 800 x 1200 x 150mm UK Pallet 1000 x 1200 x 150mm Optional : GMA pallets 48"x40"x 6 1/2 « Optional : Australian pallets 1165 x 1165 x 150mm Optional: Asian pallets 1100 x 1100 x 150mm	
OUTPUT AND CONSUMPTION*	
*can change according to additional options	
Capacity	Standard 8 cycles /min
Load capacity	Standard: 25 kg For max version: up to 50 kg (optional)
Maximum pallet height	1950 mm (pallet included) CEPAL-11: 2100mm
Installed power	7,5 KW
Voltage	3 x 400 V + N + E / 50 Hz
Air supply	6 bar / 1/2"
Air consumption	800 NI / min
Weight	2200 kg
OPTIONS (More options are available, please contact Pattyn)	
Mechanical gripper : (max. load = 50 Kg)	
Slip sheet dispenser	
Max. version : 10 cycles / min, max load : 50 kg, 2600 mm pallet height <i>Please contact Pattyn for higher speeds</i>	
Pallet conveyor width = 1200 mm (for GMA, Australian and Asian Pallets)	
Stretch wrapper	
E shape pallet conveyors	
ABB robot	



Slip sheet dispenser (optional).



Mechanical gripper (optional).



User friendly 15" HMI

Pattyn Belgium nv  
 Industriepark 'Blauwe Toren'  
 Hoge Hul 2, 8000 Brugge - Belgium

T +32 (0) 50 450 480  
 info@pattyn.com  
 www.pattyn.com



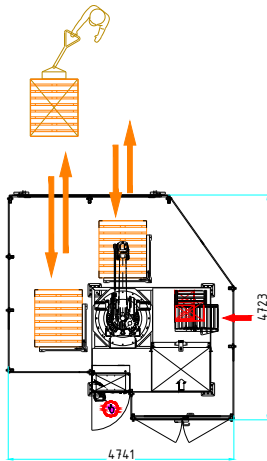
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# DIFFERENT LAYOUT OPTIONS

## STANDARD SOLUTIONS WITH MANUAL PALLET INFEEED

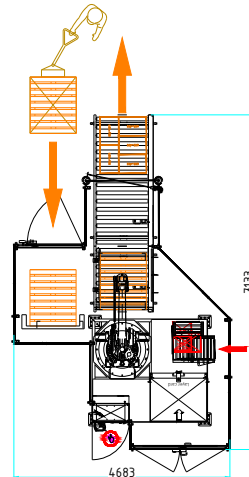
### CEPAL-11

- Manual pallet infeed and outfeed
- The Robot picks and positions boxes on the pallet
- The operator is informed when a pallet is full
- Autostop to exchange each pallet



### CEPAL-12

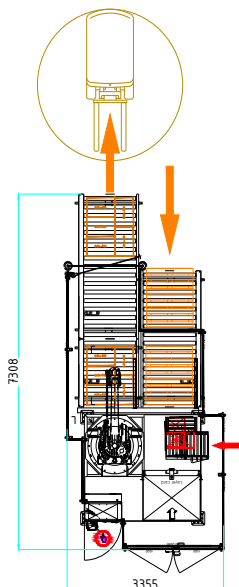
- Manual pallet infeed of a stack of pallets
- The Robot picks and positions boxes on the pallet
- Automated outfeed of the full pallet
- Robot puts a new empty pallet in position
- Autostop to exchange each stack of pallets



## CONTINUOUS SOLUTIONS WITH AUTOMATED PALLET FLOW

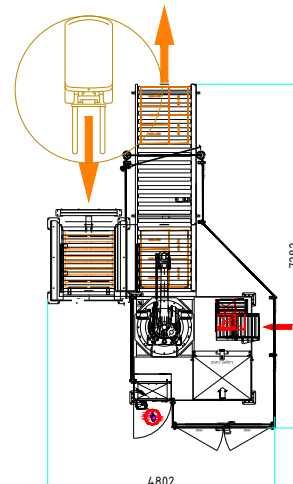
### CEPAL-13

- Pallet infeed (up to 3 pallets) without interrupting the palletizing process
- Auto transport of the empty pallet to the palletizing position
- The Robot picks and positions boxes on the pallet
- Automated outfeed of the full pallet



### CEPAL-14

- Fully automated palletizing process with pallet destacker
- Infeed of a stack of pallets into the destacker without interrupting the palletizing process
- The destacker supplies the pallets to the robot
- The robot picks and positions boxes on the pallet
- Automated outfeed of the full pallet



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# CEPAL CUSTOM

## ACCORDING TO YOUR NEEDS & REQUIREMENTS.

For each customized project we define your specific needs and advise you about the best possible palletizing solution.

Many different options are possible:

- Multiple infeed lines and pallet positions
- Choice of grippers / robots / pallet management
- Choice of infeed and outfeed
- ...

We worked out several customized projects for our customers worldwide. Below an example of one of our implementations. In this case 1 robot is used on 2 pallet positions with slip sheets, managing 2 production lines.



**Contact a Pattyn expert who will work out the best possible solution for U.**

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Turnkey solutions for industrial packaging.