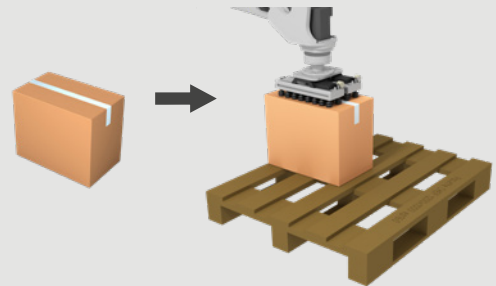


PATTYN

A DURAVANT COMPANY

CEPAL-11 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** packaging line
- User interface in Pattyn's look & feel 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

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

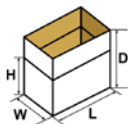
- Fanuc robot with vacuum gripper (up to 25 kg) or mechanical gripper (up to 50 kg)
- Box conveyor with positioning tool
- Electrical cabinet, robot bay and fences on the skid
- Remote access point (one per line)

User-friendly interface

- 15" HMI with Pattyn's look and feel
- Easy to create your own pallet recipe
- Equipment MES ready

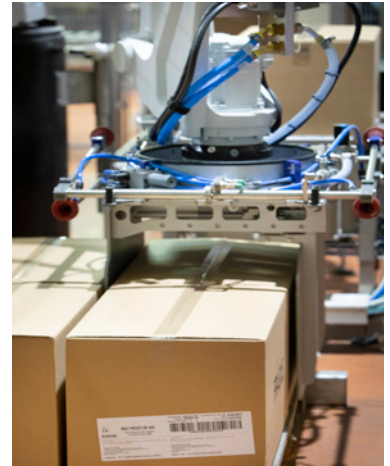
Options

- ABB robot
- MAX version
- Pallet destacker
- 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	Vacuum gripper: Min. 300 (L) x 200 (W) x 40 (H) * Max. 700 (L) x 500 (W) x 450 (H) Mechanical gripper: Min. 300 (L) x 200 (W) x 150 (H) * Max. 700 (L) x 500 (W) x 550 (H)
	
* depending on the products	
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: up to 7 cycles /min
Load capacity	Vacuum gripper: up to 25 kg Mechanical gripper: up to 50 kg
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)	
Slip sheet dispenser	
Max. version: up to 8 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.



User-friendly 15" HMI

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 For customised executions please contact Pattyn.

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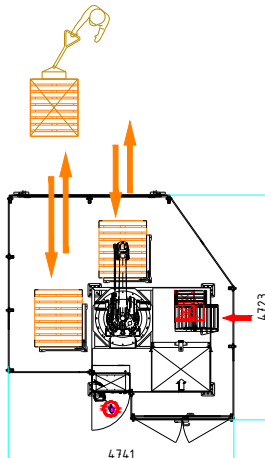
Turnkey solutions for industrial packaging.

DIFFERENT LAYOUT OPTIONS

STANDARD SOLUTIONS WITH MANUAL PALLET INFEEED

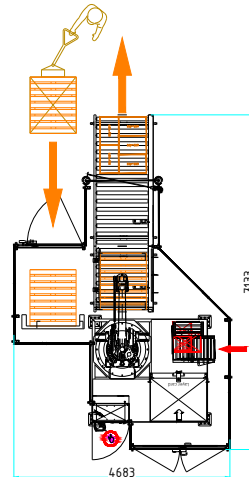
CEPAL-11-B1

- 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-11-B2

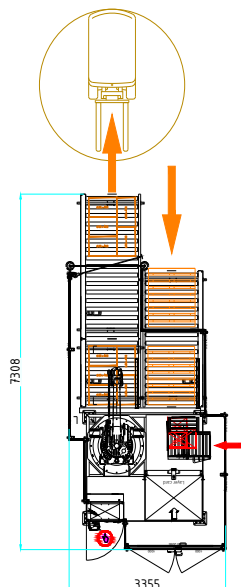
- Manual pallet infeed of a stack of pallets
- The Robot picks and positions boxes on the pallet
- Automated outfeed of the full pallet
- Robot puts a new empty pallet in position
- Autostop to exchange each stack of pallets



CONTINUOUS SOLUTIONS WITH AUTOMATED PALLET FLOW

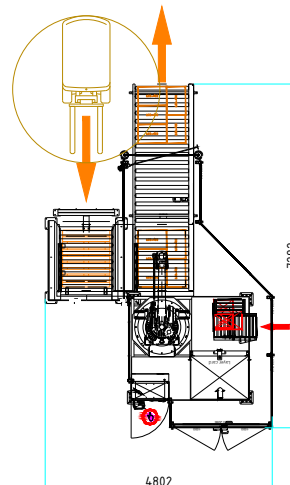
CEPAL-11-B3

- 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-11-B4

- 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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Turnkey solutions for industrial packaging.

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 have developed a wide range of customized projects for customers worldwide.

Below is an example of one of our implementations. In this configuration, two robots serve four production lines across four palletizing positions. The installation includes slip sheet handling and a foam suction gripper capable of picking up a full row of boxes in a single cycle.



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

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