

# EasyPalletizer Pro

The EasyPalletizer Pro, is a platform designed for the purpose of making palletizing easy and mobile inside a factory.



## Introduction

EasyPalletizer Pro is a stationary palletizing robot for loading pallets with cartons, boxes or workpieces. The system is placed next to the conveyor belt. During the operation, robot automatically grabs cartons or workpieces from the conveyor, and then, depending on the installed program, puts it down on a pallet in accordance with the customer's requirements.

The EasyPalletizer Pro can be equipped with robotarm from several manufacturers as well as Lifting module

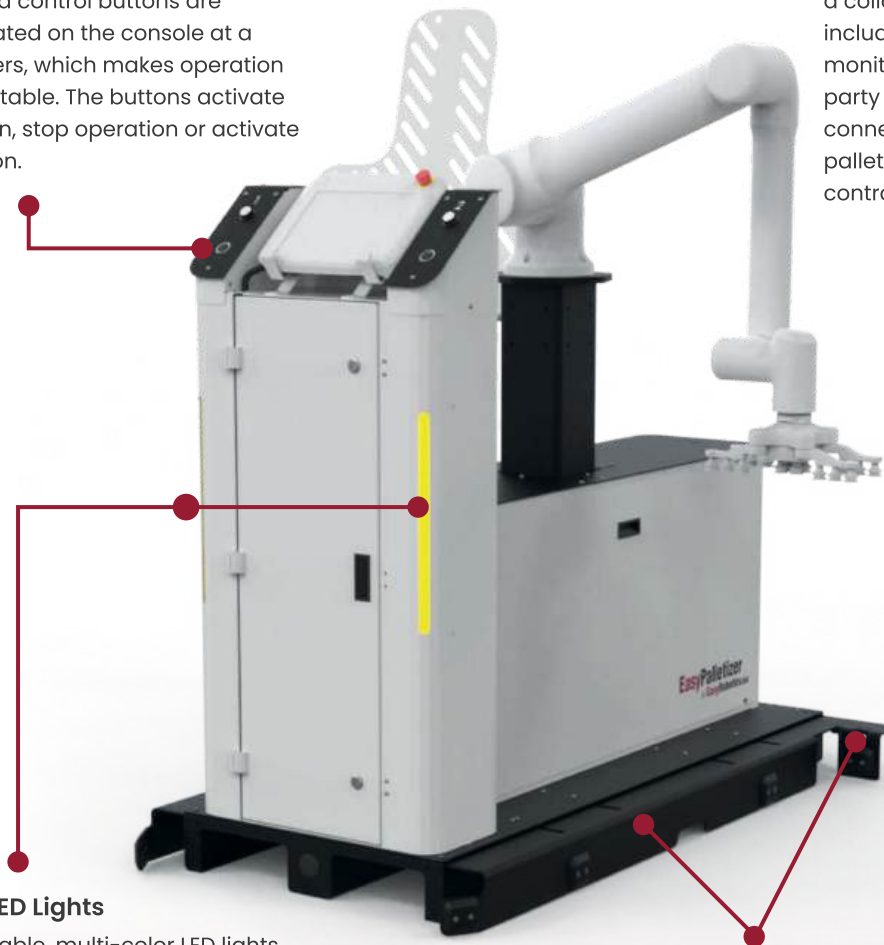
EasyPalletizer Pro can simultaneously work with two pallets. Pallet detection sensors, placed on 2 sides of the loading station, ensure correct docking of pallet before starting palletizing.

### Easy access console

The controller and control buttons are conveniently located on the console at a height of 1.4 meters, which makes operation easy and comfortable. The buttons activate the pallet function, stop operation or activate the "reset" function.

### RJ45 Ethernet Port

a collaborative robot palletizer, includes a plug-in Ethernet port for monitoring and access via third-party devices. This ensures seamless connectivity for automated palletizing processes and real-time control.



### Multifunction LED Lights

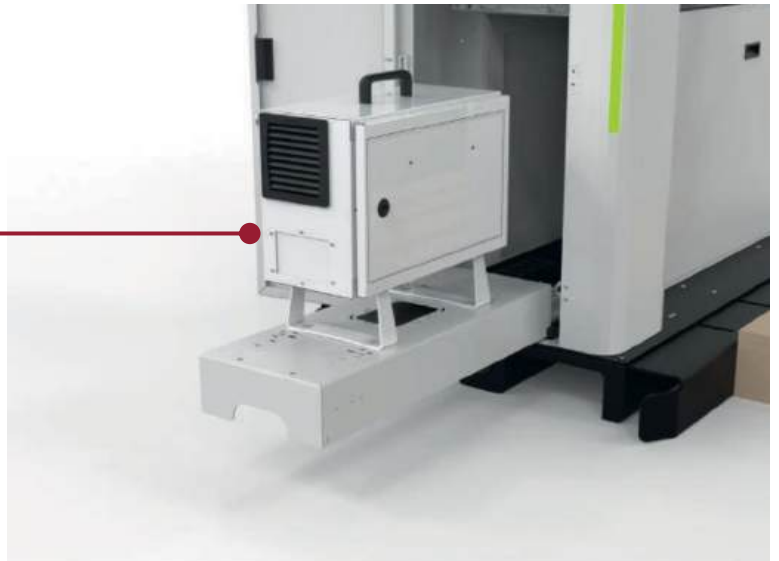
Two I/O-connectable, multi-color LED lights on the front of the console provide visual feedback, improving workflow efficiency and safety during collaborative robot palletizer operations.

### Pallet Recognition

The EasyPalletizer Pro has four detection pins on each pallet site which ensure correct docking of pallet before starting palletizing. By the functionality loading stability is ensured as well as a safe operation stabilizing the components.

### Sliding out controller compartment

The EasyPalletizer Pro has very easy access to the inside of the controller compartment. This makes cable management quick and handy. You also get access to the component plate inside the console for mounting communications cables, air equipment, etc.



## Applications

There are several applications which make the Palletizer the right choice to the industry;

- Floor level palletizing
- Load transfer stations to mobile robots from conveyer or other fixed units.
- Unload/load transfer systems.
- Dual palletizing system.

EasyRobotics understands the industrial requirement of palletization with a collaborative robot arm. Robots are fast and help to improve the quality of packaging. Additionally, they not only make palletizing and packaging of goods more systematic, which is important in the reduction of storage costs, but also ensure a clean packing process, especially essential for food and pharma goods.

## KeyBenefits

- Moving packaged units much easier, safer and less labor intensive.
- Load stability and precision.
- High operation speed.
- Safe movement of packages.
- Fewer associated worker injuries.
- Movable palletizing cell with fast mechanical setup with a pallet lifter.
- Flexibility for manufacturing



## Product Order Overview

PTP-1000	Palletizer Pro Base	H: 1402 mm, W: 900, L: 1850, Wt: 280 kg, For 2 pallets with 2 sensors and 2 configurable LED-lights, 1 cardboard holder, Modbus TCP
PTP-1001	Palletizer Pro with fixed pedestal 835mm	H: 1402 mm, W: 900, L: 1850, Wt: 310 kg, For 2 pallets with 2 sensors and 2 configurable LED-lights, 1 cardboard holder, pedestal 835mm, Modbus TCP
PTP-1002	Palletizer Pro with fixed pedestal 1200mm	H: 1402 mm, W: 900, L: 1850, Wt: 325 kg, For 2 pallets with 2 sensors and 2 configurable LED-lights, 1 cardboard holder, pedestal 1200mm, Modbus TCP
PTP-1003	Palletizer Pro with lifting column 876-1776mm	H: 1402 mm, W: 900, L: 1850, Wt: 280 kg, For 2 pallets with 2 sensors and 2 configurable LED-lights, 1 cardboard holder, Lifting column Modbus TCP*
PTP-1004	Carton holder	Accessory: dedicated carton holder module

# EasyRobotics®

*- we move your parts*

## **EasyRobotics ApS**

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