

EasyPalletizer Pro

Robust dual-pallet automation for demanding production

A rigid, relocatable palletizing platform with integrated control, pallet sensing and configurable robot height.



Compatible with 99% of modern cobots

Suitable for many industrial robots

Four platform variants



REMEMBER THE ROBOT ADAPTER PLATE

Select and order the robot-specific adapter plate in the EasyRobotics online configurator. If no standard plate fits, a custom interface can be engineered.



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Technical data subject to the current quotation and approved project documentation.

Engineered for repeatable palletizing

1850 x 900 x 1402mm

OVERALL ENVELOPE

280-325 kg

CONFIGURED PLATFORM MASS

2 pallets

LEFT AND RIGHT OPERATION

220 mm

ADJUSTABLE EXTENDER KIT



01

Rigid steel architecture

A substantial platform minimizes unwanted movement and supports repeatable placement.

02

M12 floor anchoring

The base is secured through the extended wings using floor-suitable M12 anchors.

03

Protected controller space

The enclosed 700 x 240 x 520 mm area keeps the controller and integration hardware protected.

04

Controlled cable routing

Cables are routed through the energy chain to reduce pinch risk and support service access.

05

Dual-pallet geometry

The robot can alternate between left and right pallet positions for continuous end-of-line flow.

06

Adjustable robot reach

Wing positions and pedestal variants help match robot shoulder radius, conveyor height and pallet format.

1

Rigid base



2

Anchored wings



3

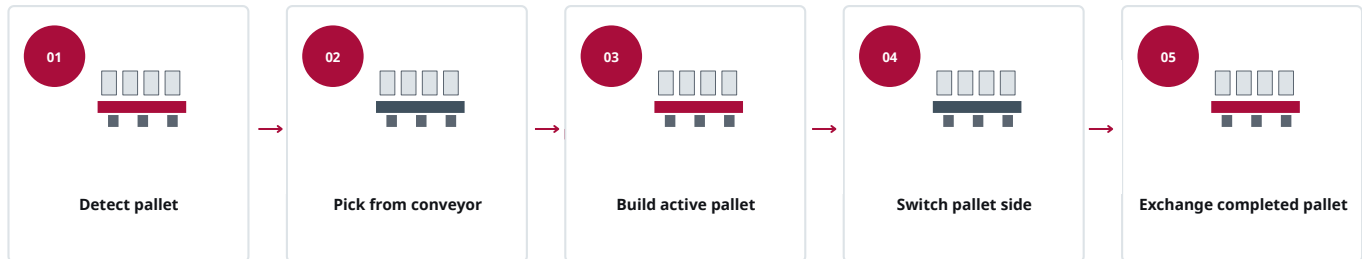
Robot-specific adapter



4

Dual-pallet flow

Dual-pallet flow without unnecessary stops



01

Pallet recognition

Two sensing positions verify that the pallet is correctly located before the cycle starts.

02

Operator interface

Two buttons and two configurable multi-colour LED indicators provide local status and commands.

03

RJ45 + Modbus TCP

Ethernet connectivity and Modbus TCP simplify communication with compatible robot controllers and third-party equipment.

04

Pre-wired I/O

An8xM12 distributor is pre-installed for buttons, sensors and indicator lamps.



The final operating logic, safety functions and restart behaviour must be validated as part of the complete cell.

Four variants. One proven platform.

PTP-1000

Palletizer Pro Base



280 kg | base configuration

PTP-1001

Fixed pedestal 835 mm



310 kg | fixed robot height

PTP-1002

Fixed pedestal 1200 mm



325 kg | extended fixed height

PTP-1003

Lifting column 876-1776 mm

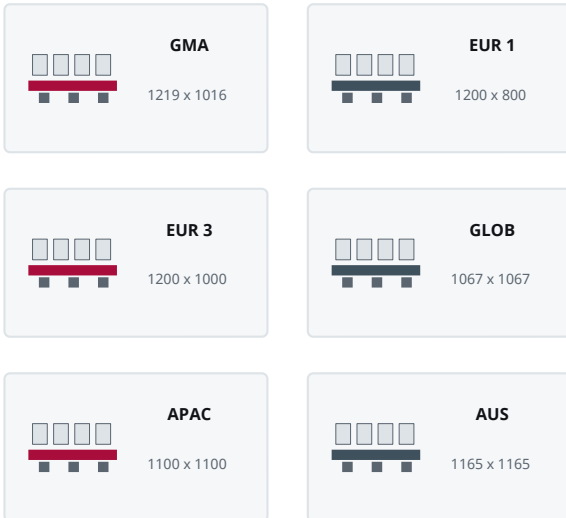


900 mm stroke | configured weight per quotation

Common platform: 2 pallet positions, pallet sensing, Modbus TCP, 220 mm extender kit and protected controller enclosure.

Pallet formats, robot fit and adapter interface

Published pallet formats



Standard compatibility

Designed to support the majority of

99%

current collaborative robot platforms when the correct adapter and application limits are used.

Industrial robot integration

Many industrial robots can be integrated after engineering review of robot mass, base moment, reach, dynamics, mounting interface and guarding.

Adjustable wing spacing



692-912 mm in 44 mm increments

Custom fit

When a standard interface does not fit, EasyRobotics can engineer a project-specific adapter plate or mounting solution.

CUSTOM ENGINEERING AVAILABLE



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Options and engineered configurations

Published modules and options

- 01

Safety scanner cover
Prepared mounting and protection for a selected safety scanner.
- 02

Carton holder - PTP-1004
Dedicated accessory for carton staging and ergonomic handling. Commercial inclusion is quotation dependent.
- 03

Fixed pedestal 835 mm
Raises the robot to a defined working height.
- 04

Fixed pedestal 1200 mm
Extended fixed-height configuration for higher conveyors or pallets.
- 05

Lifting column 876-1776 mm
900 mm travel with Modbus control; supported robot software depends on brand.

Project-specific engineering

- 1

Robot adapter plate
- 2

Gripper / EOAT interface
- 3

Conveyor and line interface
- 4

Industrial robot mounting
- 5

Safety concept and guarding
- 6

Special cable / controller integration

Selected technical data

Controller area	700 x 240 x 520 mm
Standard air supply	Not required
Communication	Modbus / Modbus TCP
Floor anchoring	M12
Teach pendant	Base or floor mounting

Published option availability and exact scope must be confirmed in the quotation and order confirmation.

Install for rigidity. Validate the complete cell.

01

Position and level

Use a load-bearing floor and define pallet and conveyor geometry.

02

Extend and anchor wings

Access the mounting holes and secure the platform with suitable M12 anchors.

03

Install controller

Place the controller in the rear compartment and route cables through the energy chain.

04

Mount robot and adapter

Follow the robot manufacturer's torque and mounting instructions.

05

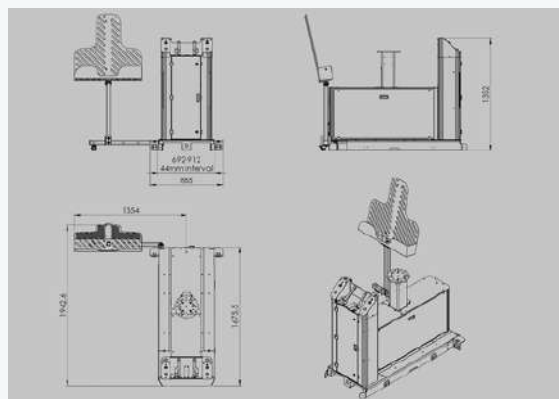
Set wing spacing

Choose one of six positions from 692 to 912 mm to match robot shoulder radius.

06

Integrate and validate

Commission I/O, Modbus, pallet detection, end effector and safety functions.



INTEGRATION RESPONSIBILITY

The EasyPalletizer Pro is partly completed machinery. The complete robot cell must undergo a documented risk assessment and conformity process before operation. Robot, gripper, lifting column, conveyor, safety devices and all surrounding equipment must be included.

EN ISO 12100 principles

Prevention of unexpected start-up

Local laws and site requirements

Ordering overview

ORDER NO.	VARIANT / ITEM	MAIN CONFIGURATION	WEIGHT
PTP-1000	Palletizer Pro Base	H: 1402 mm, W: 900, L: 1850, For 2 pallets with 2 sensors and 2 configurable LED-lights, 1 cardboard holder, Modbus TCP	280 kg
PTP-1001	Fixed pedestal 835 mm	H: 1402 mm, W: 900, L: 1850, For 2 pallets with 2 sensors and 2 configurable LED-lights, 1 cardboard holder, pedestal 835mm, Modbus TCP	310 kg
PTP-1002	Fixed pedestal 1200 mm	H: 1402 mm, W: 900, L: 1850, For 2 pallets with 2 sensors and 2 configurable LED-lights, 1 cardboard holder, pedestal 1200mm, Modbus TCP	325 kg
PTP-1003	Lifting column 876-1776 mm	H: 1402 mm, W: 900, L: 1850, For 2 pallets with 2 sensors and 2 configurable LED-lights, 1 cardboard holder, Modbus TCP, Lifting column with Modbus TCP*	Confirm
PTP-1004	Carton holder	Published accessory	Quote
CONFIGURATOR	Robot-specific adapter plate	Order separately for selected robot	-
QUOTE	Safety cover and engineered options	Project-specific scope	-

PTP-1003 published documents show different weight conventions. Final configured and shipping weight must be confirmed in the quotation.



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EasyRobotics - technical and commercial support

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PRODUCT PAGE

Specifications, dimensions, weights, drawings, order references and availability may change without notice. Errors and omissions excepted. The current quotation, approved drawings and order confirmation take precedence.