EasyRobotics®
- we move your parts

PALLETIZING | DUAL-PALLET AUTOMATION PLATFORM

EasyPalletizer

Robust dual-pallet platform for productive end-of-line automation

Three standard heights. Two pallet positions. Integrated sensing and operator feedback in one industrial base.

99% of modern cobots	2 pallet positions	4 pallet sensors	Many industrial robots

! **Remember to select and order the robot-specific adapter plate in the EasyRobotics online configurator.**

PRODUCT PAGE

PT-1010 / PT-1011 / PT-1013 | AISI 304 SST variants

EasyRobotics ApS | Sønderborg, Denmark

Engineered for stability, uptime and service access

A rigid steel structure, defined mounting geometry and M12 floor anchoring provide a stable base for repeatable palletizing cycles.

195 kg

2

pallet positions - left & right

600 x 300 x 500

01 Industrial steel construction

A high-mass base supports predictable robot motion and long service life in demanding end-of-line environments.

02 Anchored for operation

The platform must be secured to a suitable floor with M12 anchor bolts before production.

03 Protected controller compartment

The enclosed rear compartment protects the robot controller and provides a component plate for auxiliary equipment.

04 Serviceable mechanical layout

Doors, removable panels, fork pockets and accessible cabling simplify installation, inspection and relocation.

Dual-pallet production	**4 diffuse pallet sensors**	**2 configurable RGB lamps**
2 operator push buttons	**Pre-wired 8xM12 distributor**	**No compressed air required**

Dual-pallet flow with integrated status control

One pallet can be processed while the opposite pallet is exchanged, supporting continuous flow with clear operator feedback.

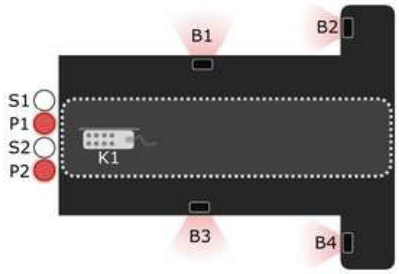


Figure 1 – Component-layout of the EasyPalletizer series

8 x M12

PRE-WIRED DISTRIBUTOR

4 SENSORS

Two pallet zones are monitored for correct docking.

2 RGB LAMPS

Configurable status feedback for each pallet side.

2 PUSH BUTTONS

Assignable reset, release or process functions.

DUAL-PALLET FLOW

The robot can switch sides when a pallet is complete.

ROBOT I/O

Signals are mapped to the selected robot controller.

PALLET CONFIRMATION

Validate correct placement before starting the cycle.

1 DOCK

Place the pallet in the defined guide position.

2 CONFIRM

Sensors verify the pallet before cycle start.

3 PALLETIZE

The robot executes the programmed stacking pattern.

4 CHANGE SIDE

Remove the full pallet while production continues.

The final I/O logic, restart behavior and safeguarding must be engineered and validated for the complete robot cell.

Three standard heights. Six published order references.

Choose the pedestal height and material execution that match the conveyor, pallet stack and production environment.

PT-1010

Palletizer Two Base

710 mm overall | 195 kg

Low-profile base for two pallet positions.

PT-1011

Fixed pedestal

835 mm overall | 215 kg

Fixed-height platform for standard reach envelopes.

PT-1013

Fixed pedestal

1200 mm overall | 220 kg

Higher mounting point for tall stacks and conveyors.

PT-...-SST

AISI 304 stainless range

Base / 835 / 1200 mm

Stainless versions of all three standard configurations.

STAINLESS STEEL RANGE

PT-1010-SST, PT-1011-SST and PT-1013-SST provide AISI 304 execution for hygiene, corrosion resistance and demanding production areas.

Confirm the latest approved drawing, surface finish and exact delivery scope in the quotation and order confirmation.

Robot compatibility without platform lock-in

Compatible with 99% of modern cobots. Many industrial robots after technical validation.

99%

OF MODERN COBOTS

STANDARD OR CUSTOM

Standard cobot integration

Verify base pattern, robot mass, payload, reach, cable routing, pallet geometry and stack height.

Industrial robot integration

Many compact industrial robots can be used after validation of base moments, dynamics, anchoring, guarding and safety architecture.

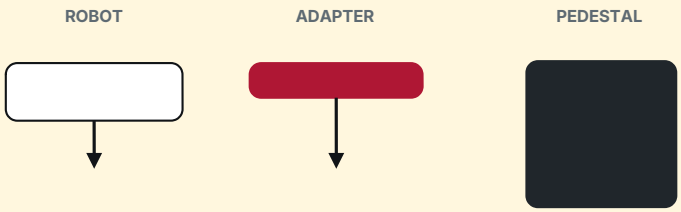
Does not fit?

EasyRobotics can engineer a custom adapter plate, mounting interface or pedestal geometry.

DO NOT OMIT THE ADAPTER PLATE

Select the exact robot model in the EasyRobotics online configurator / partner portal. The adapter plate is ordered separately unless explicitly included in the quotation.

CONFIGURE: easyrobotics.biz/login



Final suitability is subject to project-specific engineering, reach study and risk assessment.

ROBOT MASS | BASE MOMENT | PAYLOAD | REACH | STACK HEIGHT | DYNAMICS | GUARDING | CABLES

Options and engineered configurations

Build the palletizing platform around the process. Published options and project-specific additions are confirmed in the quotation.

Safety scanner cover

PUBLISHED

Published optional cover / bracket for project-specific scanner integration.

AISI 304 stainless execution

VARIANT

Published SST variants for all three standard platform heights.

Ewellix LiftKit integration

ENGINEERED

Height-adjustable lifting solution; controller and software integration are project-specific.

Fixed tower solution

OPTION

Fixed robot tower with internal cable routing for defined reach geometry.

200 mm extender kit

OPTION

Published extender for robots with larger shoulder radius; sensor recalibration is required.

Robot adapter plate

CONFIGURATOR

Standard plate via configurator; custom interface available on request.

Custom pallet / conveyor geometry

ENGINEERED

Engineered guides, offsets and reach geometry for the approved layout.

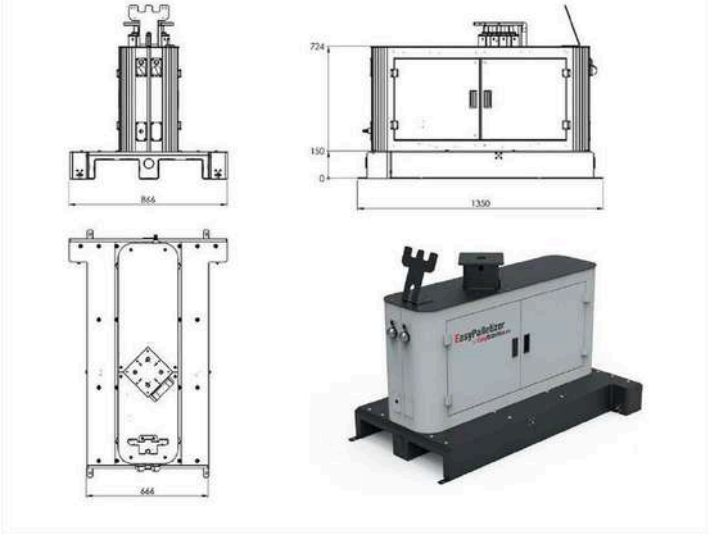
Industrial robot and safety package

ENGINEERED

Anchoring, guarding, cables, controls and project-specific risk validation.

Only the references listed on page 8 are published standard product references. Non-standard additions are assigned in the approved quotation.

Technical data and integration envelope



PT SERIES

EasyPalletizer

Published platform data

2 PALLETS | 6 ORDER REFERENCES

Base size	1350 x 870 x 710 mm	Pallet formats	GMA / EUR1 / EUR3 / GLOB / APAC / AUS
Fixed heights	835 / 1200 mm	Extender adjustment	200 mm published kit
Published masses	195 / 215 / 220 kg	Signal distribution	Pre-wired 8xM12 distributor
Pallet positions	2 - LH / RH	Air requirement	None
Pallet sensors	4 diffuse sensors	Floor anchoring	M12 bolts required
Operator devices	2 buttons + 2 RGB lamps	Robot interface	Adapter plate required
Controller compartment	600 x 300 x 500 mm	Material variants	Painted steel / AISI 304 SST

Published dimensions and masses are source values. The approved project drawing, quotation and order confirmation take precedence.

1. Define pallet and conveyor geometr y
2. Choose platform height
3. Validate robot reach and load
4. Order adapter plate
5. Anchor and risk-assess the cell

The CE marking of the partly completed machinery is not a CE marking of the complete robot cell. The integrator must complete the risk assessment and conformity validation.

Ordering overview

Published variants plus configurator and quotation items

Reference	Variant / item	Configuration / note
PT-1010	Palletizer Two Base	H: 710 mm, W: 870, L: 1350, Wt: 195 kg, For 2 pallets with 4 sensors and 2 configurable LED-lights, Extender Kit
PT-1011	Fixed pedestal - 835 mm	H: 835 mm, W: 870, L: 1350, Wt: 215 kg, For 2 pallets with 4 sensors and 2 configurable LED-lights, Fixed pedestal, Extender Kit
PT-1013	Fixed pedestal - 1200 mm	H: 1200 mm, W: 870, L: 1350, Wt: 220 kg, For 2 pallets with 4 sensors and 2 configurable LED-lights, Fixed pedestal, Extender Kit
PT-1010-SST	Base - AISI 304	H: 710 mm, W: 870, L: 1350, Wt: 195 kg, For 2 pallets with 4 sensors and 2 configurable LED-lights, Extender Kit, AISI304
PT-1011-SST	835 mm - AISI 304	H: 835 mm, W: 870, L: 1350, Wt: 215 kg, For 2 pallets with 4 sensors and 2 configurable LED-lights, Fixed pedestal, Extender Kit, AISI304
PT-1013-SST	1200 mm - AISI 304	H: 835 mm, W: 870, L: 1350, Wt: 220 kg, For 2 pallets with 4 sensors and 2 configurable LED-lights, Fixed pedestal, Extender Kit, AISI304
Configurator item	Robot-specific adapter plate	Select the exact robot model. Ordered separately unless stated in the quotation.
Quotation / engineering	Options and custom integration	Scanner cover, LiftKit, fixed tower, extender, custom geometry, industrial robot and safety engineering.

REMEMBER THE ADAPTER PLATE

Scan the QR code or open easyrobotics.biz/login.If no standard plate fits, request a custom interface.

EasyRobotics ApS

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Errors and omissions excepted. Specifications, dimensions, masses, materials, heights, scope of supply, options, availability and order references may change without notice. Source documents may contain legacy or inconsistent summary data; the current quotation, approved drawings and order confirmation take precedence. The complete robot cell requires project-specific risk assessment, safeguarding and conformity validation.