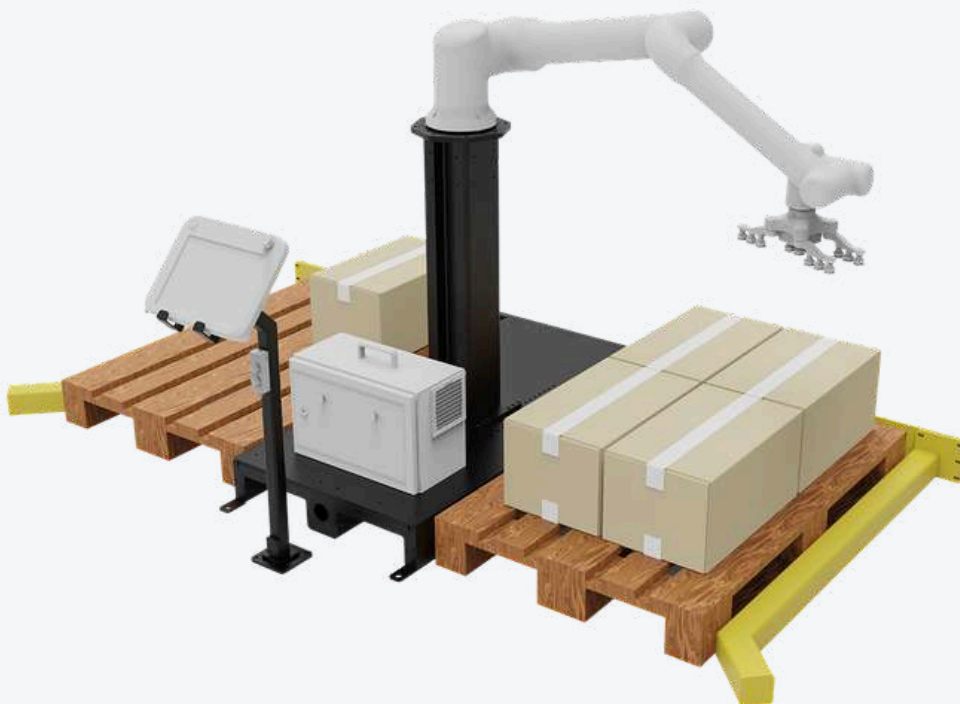


PALLETIZING | MECHANICAL DUAL-PALLET PLATFORM

EasyPalletizer Basic

Robust, flexible palletizing foundation for modern automation

Four pedestal configurations. Two pallet positions. One mechanically simple industrial platform.



2 pallet positions

500-1200 mm guide range

99% of modern cobots

Industrial robots by validation



Remember to order the robot-specific adapter plate separately in the online configurator.



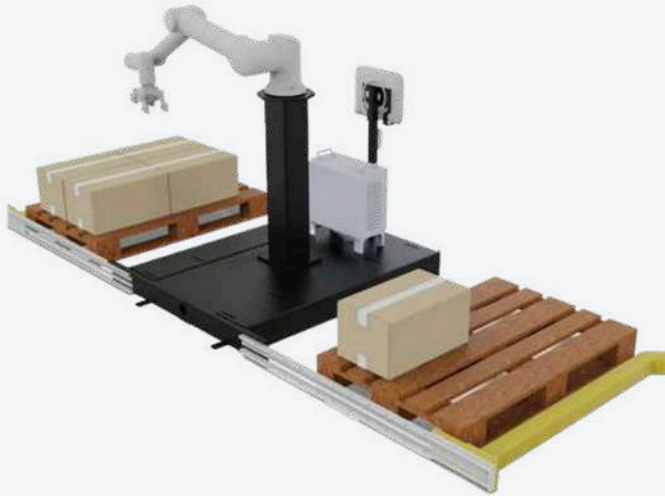
PRODUCT
PAGE

PTB-1001 | PTB-1002 | PTB-1003 | PTB-1004

EasyRobotics ApS | Sønderborg, Denmark

A rigid platform for repeatable palletizing

A high-mass steel base, defined robot mounting geometry and M12 floor anchoring create a stable foundation for controlled palletizing cycles.



260 kg

2

pallet positions - left & right

170 mm

01

Heavy-duty steel structure

A robust mechanical base supports predictable robot motion and long service life in demanding production areas.

02

Anchored for operation

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

03

Adjustable robot position

The pedestal can be moved front or back using the prepared mounting pattern to match reach and pallet geometry.

04

Organised controller area

A 600 x 500 mm open controller area supports accessible mounting and controlled cable routing.

100% mechanical Basic concept

No compressed air

No standard I/O

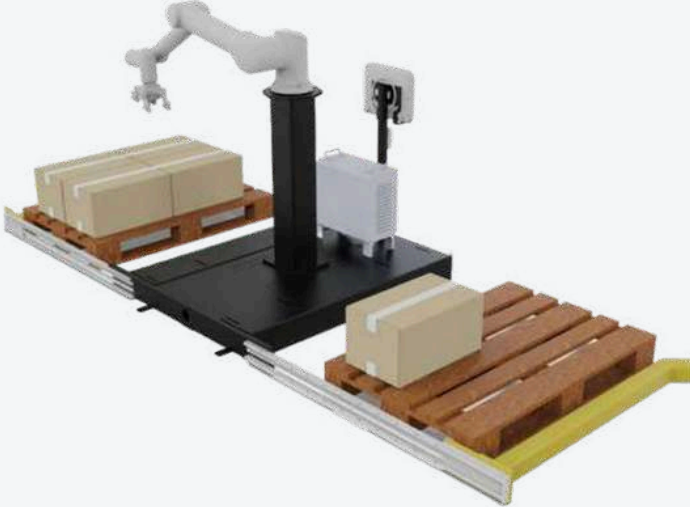
No pallet sensors

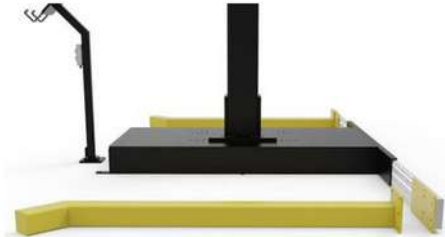
Flexible teach-pendant frame

Transported in a wooden crate

One platform. Multiple pallet formats.

Adjustable wings and removable side tubes allow the pallet geometry to be set around the robot reach, pallet format and conveyor position.





500-1200 mm

ADJUSTABLE WING DISTANCE

GMA	1219 x 1016	EUR 1	1200 x 800	EUR 3	1200 x 1000
GLOB	1067 x 1067	APAC	1100 x 1100	AUS	1165 x 1165

- 1

SET WIDTH

Adjust the wing distance within the documented 500-1200 mm range.
- 2

POSITION PALLETS

Configure two pallet locations - left and right of the robot base.
- 3

SET ROBOT OFFSET

Move the pedestal front or back using the prepared hole pattern.
- 4

VALIDATE REACH

Check pick point, farthest pallet corner and maximum stack height.

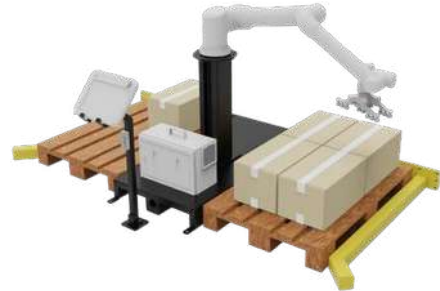
Lock all guides after adjustment. Validate the complete layout with the selected robot, gripper, payload and cycle dynamics.

Four configurations. One common base.

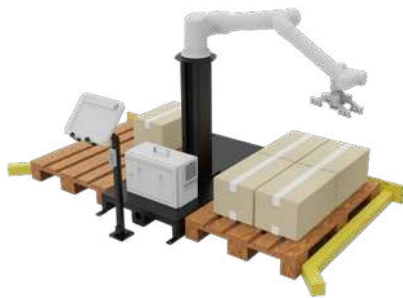
Select the pedestal architecture that matches conveyor height, pallet stack and robot reach.


PTB-1001
Without pedestal
260 kg published base mass

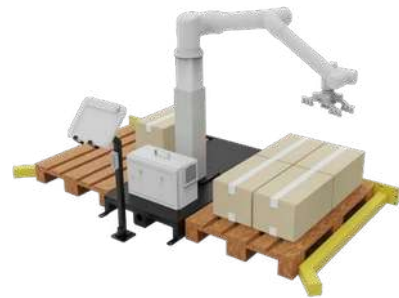
Engineering-ready base configuration.


PTB-1002
Fixed pedestal
865 mm nominal | 330 kg

For standard conveyor and pallet heights.


PTB-1003
Fixed pedestal
1200 mm | 350 kg

For higher pick points or taller stacks.


PTB-1004
Lifting column
876-1776 mm | 900 mm stroke

Dynamic height adjustment; 290 kg published unit mass.

LIFTING COLUMN INTEGRATION

Modbus and software support are documented for Universal Robots, Omron/Techman and Doosan. Other brands require project-specific programming and validation.

Published source documents contain both 835 mm and 865 mm references for PTB-1002. Confirm the current approved project drawing.

Robot compatibility without platform lock-in

99% of modern cobots. Many industrial robots. Custom interface when needed.

99%

OF MODERN COBOTS

STANDARD OR CUSTOM

Standard cobot integration

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

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 plate is ordered separately unless explicitly included in the quotation.

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



CONFIGURE: easyrobotics.biz/login

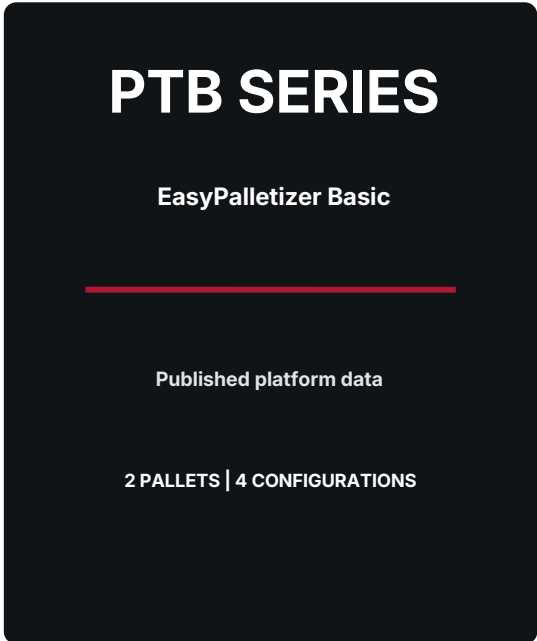
ROBOT MASS · BASE MOMENT · PAYLOAD · REACH · STACK HEIGHT · DYNAMICS · GUARDING · CABLES

Options, variants and engineered configurations

Build the palletizing concept 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.	Stainless steel execution CUSTOM Custom execution for hygiene, corrosion resistance or demanding environments.
Fixed pedestal - 865 mm VARIANT Standard fixed-height configuration for PTB-1002.	Fixed pedestal - 1200 mm VARIANT Standard fixed-height configuration for PTB-1003.
Lifting column - 876-1776 mm VARIANT Height-adjustable PTB-1004 configuration with 900 mm stroke.	Robot adapter plate CONFIGURATOR Standard plate via configurator; custom interface on request.
Custom pallet / conveyor geometry ENGINEERED Engineered guides, offsets and reach geometry for the approved layout.	Industrial robot & safety package ENGINEERED Pedestal, anchoring, guarding, cables and project-specific risk validation.

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



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



Ordering overview



Published variants plus configurator and quotation items

Reference	Variant / item	Configuration / note
PTB-1001	EasyPalletizer Basic - without pedestal	H: 835 mm, W: 870, L: 1350, Wt: 200 kg, For 2 pallets with with two adjustable Pallet Grid, without Pedestal
PTB-1002	EasyPalletizer Basic - fixed pedestal	H: 865 mm, W: 870, L: 1350, Wt: 200 kg, For 2 pallets with with two adjustable Pallet Grid, Fixed pedestal 865 mm
PTB-1003	EasyPalletizer Basic - fixed pedestal	H: 835 mm, W: 870, L: 1350, Wt: 200 kg, For 2 pallets with with two adjustable Pallet Grid, Fixed pedestal 1200 mm
PTB-1004	EasyPalletizer Basic - lifting column	H: 835 mm, W: 870, L: 1350, Wt: 200 kg, For 2 pallets with with two adjustable Pallet Grid, Lifting column 876–1776 mm
Configurator item	Robot-specific adapter plate	Select the exact robot model. Ordered separately unless stated in the quotation.
Quotation item	Safety scanner cover / stainless execution	Published scanner-cover option and custom stainless configuration.
Engineering item	Custom geometry / industrial robot integration	Robot interface, pallet guides, conveyor geometry, guarding, cables and safety engineering.

REMEMBER THE ADAPTER PLATE

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



EasyRobotics ApS

Tinggårdvej 1
6400 Sønderborg, Denmark
info@easyrobotics.dk
+45 5377 0267

Errors and omissions excepted. Specifications, dimensions, masses, pedestal heights, scope of supply, options, availability and order references may change without notice. Published source documents contain some variant-summary differences; the current quotation, approved drawings and order confirmation take precedence. The complete robot cell requires a project-specific risk assessment and conformity validation.