

# EasyPalletizer Flex

Maximum Flexibility. Industrial Strength. Built for Real Production.



---

## Introduction

EasyPalletizer Flex is the newest member of the EasyPalletizer family – developed to meet the increasing demand for flexibility, mobility, and long-term reliability in modern palletizing operations

Based on years of experience and thousands of installed palletizing solutions, EasyPalletizer Flex combines robust steel construction, patented mechanical flexibility, and smart integration options into one powerful palletizing platform.

Designed and manufactured by EasyRobotics, one of the world's most experienced suppliers of collaborative palletizing solutions, EasyPalletizer Flex expands an already proven palletizing portfolio.

---

## Built in Premium Steel – No Compromises

EasyPalletizer Flex is built using high-quality industrial steel throughout the entire structure. We deliberately do not use aluminum profiles for load-bearing or structural elements

### This ensures:

- Maximum structural stability
- High resistance to vibration
- Long service life in demanding industrial environments
- Consistent and precise palletizing performance

The result is a palletizing platform that delivers **maximum uptime, maximum output, and long-term reliability.**

---

## Robust – Yet Easy to Move

Despite its solid steel construction and a total weight of approximately **430 kg**, EasyPalletizer Flex is designed for mobility.

The unit can be easily moved around the factory using a standard **pallet lifter**, allowing:

- Fast reconfiguration of production lines
- Flexible use across multiple workstations
- Easy relocation as production needs change

This makes EasyPalletizer Flex ideal for both permanent installations and flexible manufacturing environments.



---

## Flexible Base with Patented Adjustment

The robust base frame features a patented width-adjustment system, allowing flexible adaptation to:

- Different robot brands
- Various robot footprints
- Multiple pallet sizes

This future-proof design ensures that EasyPalletizer Flex can be reused and reconfigured if robot types, pallet formats, or production requirements change over time.



---

## Flexible Pallet Arms for Any Pallet Type

EasyPalletizer Flex is equipped with **flexible pallet arms** designed for optimal pallet placement.

The arms can:

- Be folded out when pallet support is needed
- Be folded away when not in use

This allows easy handling of **all pallet types and sizes**, while keeping the working area clear and accessible.

---

## Simple Integration with Existing Equipment

EasyPalletizer Flex is designed for fast and straightforward integration into existing production setups:

- Simple mechanical connection to external conveyor systems
- Flexible conveyor belt connection (optional equipment)
- Option for mounting interlayer cardboard or paper systems (optional equipment)

The mechanical design ensures short installation time and minimal disruption to production

---

## Factory-Assembled and Fully Tested

To reduce installation time and risk, EasyPalletizer Flex units are delivered **approximately 90% pre-assembled directly from the factory**

Before shipment, each unit is:

- Fully assembled
- Mechanically tested
- Inspected and quality-checked
- Verified for correct function and fit

This ensures a fast, predictable commissioning process and reliable operation from day one.



---

## Advanced Safety and Smart Features Laser Scanner Integration (Optional)

EasyPalletizer Flex offers the option to mount **laser scanners from multiple leading brands**.

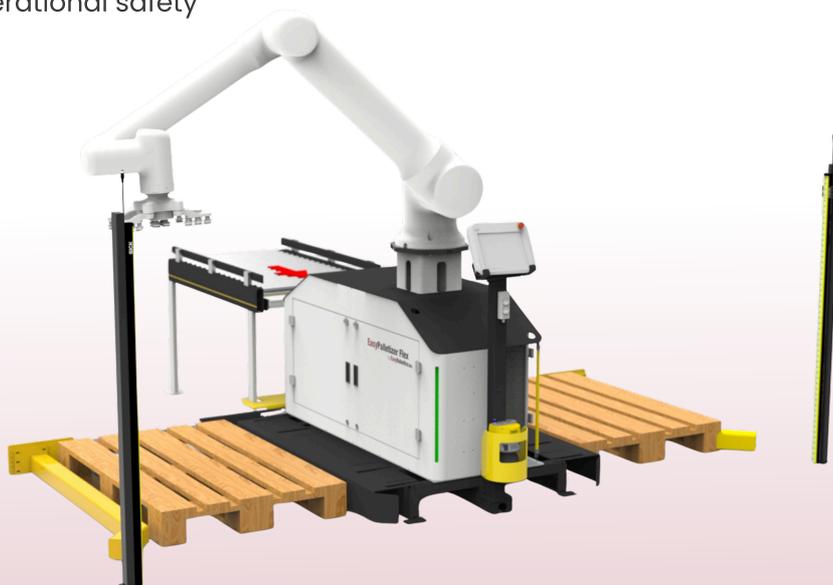
These scanners are:

- Fully integrated into several of the most widely used palletizing software platforms
- Designed for seamless safety functionality
- Easy to configure and maintain

---

## Optical Pallet Recognition

The system supports **optical pallet recognition**, ensuring reliable pallet detection, improved accuracy, and increased operational safety



## Pedestal Heights & Lifting Column Options

EasyPalletizer Flex is available with different pedestal heights

- 835 mm
- 1200 mm
- Customized heights on request



835mm



1200mm



Lifting column  
876-1776mm

For extended reach applications, the system can be equipped with a **lifting column**, allowing the robot base to be raised up to **170 cm above floor level**

Please consult your local distributor to verify robot compatibility with the lifting column solution.

## Teach Pendant Mounting Designed for Safety

EasyPalletizer Flex features a **flexible teach pendant holder**, where the mounting bracket can be moved forward

This enables :

- Installation of a **light curtain** between the robot working area and the operator zone
- Safe and ergonomic operation of the teach pendant
- Clear separation between automation and manual interaction



## Multi-Position Pedestal Configuration

EasyPalletizer Flex allows the robot pedestal to be positioned in multiple configurations, ensuring optimal integration into different production layouts.

- Robot pedestal can be **moved to different positions** on the base frame
- Supports various conveyor layouts and pallet configurations
- Enables future layout changes without structural modification

Pedestal can be moved in different positions.



---

## Clean Cable Routing & Professional Finish

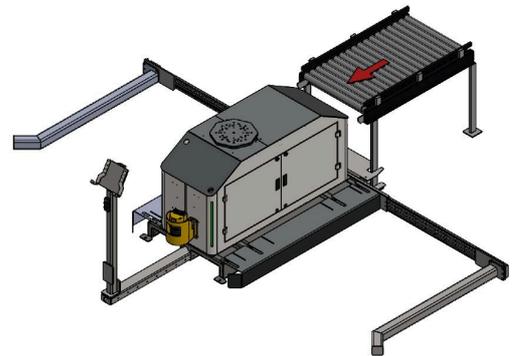
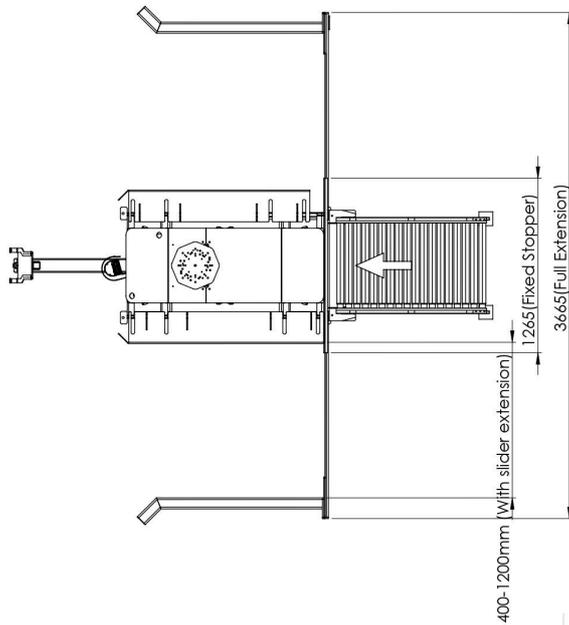
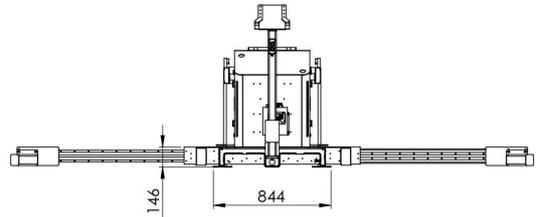
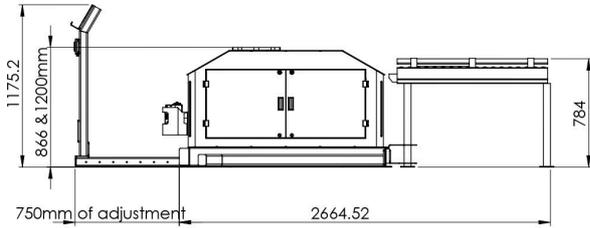
All cable routing is handled from the side, ensuring:

- Clear and organized cable paths
- Excellent cable management
- Easy access for service and maintenance
- A clean, professional installation
- Safe and ergonomic operation of the teach pendant
- Clear separation between automation and manual interaction



### Proven Experience – Trusted Worldwide

With more collaborative palletizing solutions delivered worldwide than almost any other supplier, **EasyRobotics** brings unmatched experience to every EasyPalletizer system



## Product Order Overview

PTF-1000	EasyPalletizer Flex Base	L: 1500mm W: 1030mm H: 845mm weight 375kg
PTF-1001	EasyPalletizer Flex with fixed pedestal 865mm (Movable Pedestal)	L: 1500mm W: 1030mm H: 865mm weight 430kg
PTF-1002	EasyPalletizer Flex with fixed pedestal 1200mm (Movable Pedestal)	L: 1500mm W: 1030mm H: 1200mm weight 440kg
PTF-1003	EasyPalletizer Flex with Lifting column 876-1776mm (Movable Pedestal)	L: 1500mm W: 1030mm H: 876-1776 weight 430kg
PTC-1000	EasyConveyor Width 420 mm Length 1020 mm	L: 1020mm W: 420mm H: 700mm
PTC-1001	EasyConveyor Width 620 mm Length 1020 mm	L: 1020mm W: 620mm H: 700

# EasyRobotics®

*- we move your parts*

## **EasyRobotics ApS**

Tinggårdvej 1,

6400 Sønderborg, Denmark

E-Mail: [info@easyrobotics.dk](mailto:info@easyrobotics.dk)

Phone: +45 53770267

Web: [www.easyrobotics.dk](http://www.easyrobotics.dk)