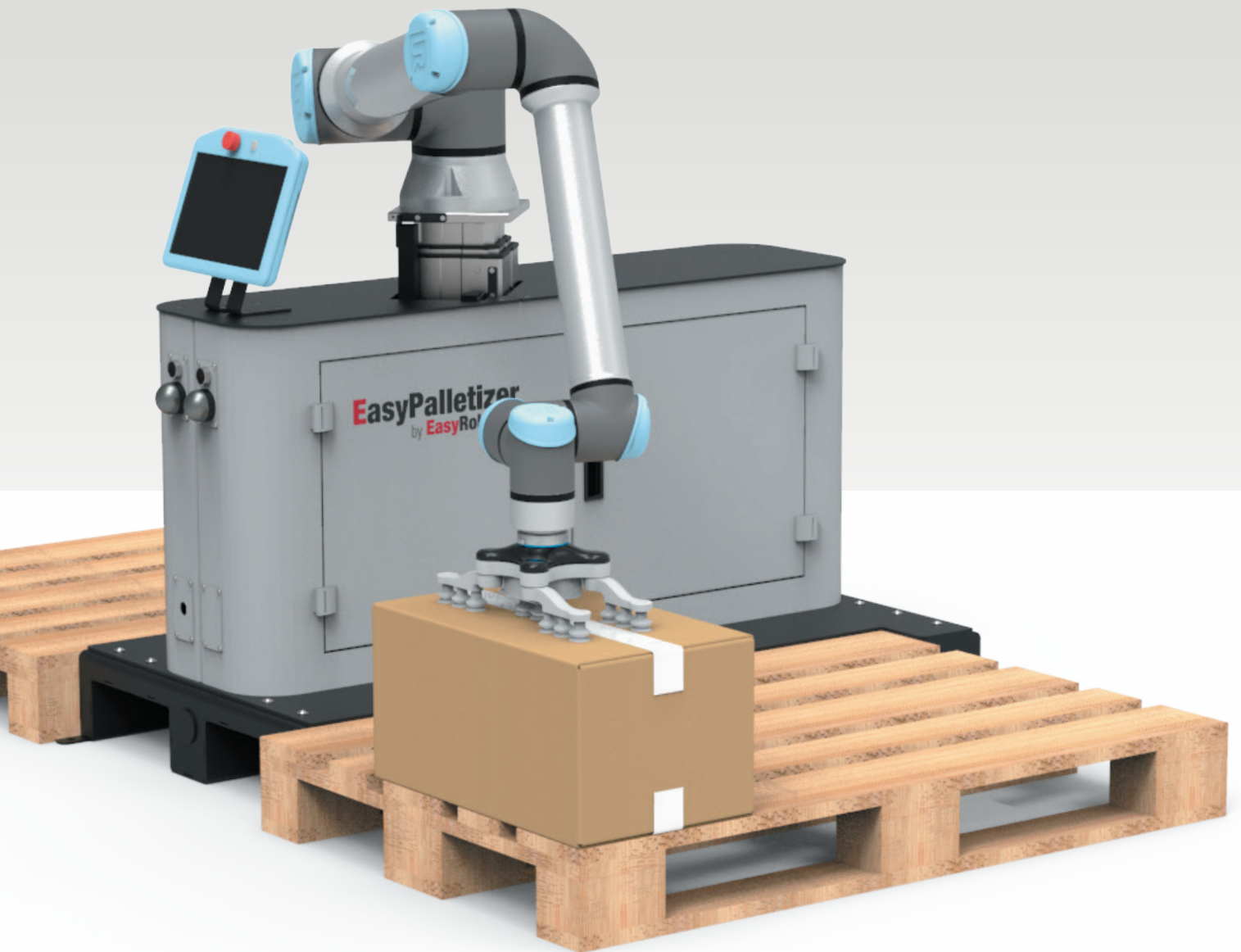# **E**asyPalletizer



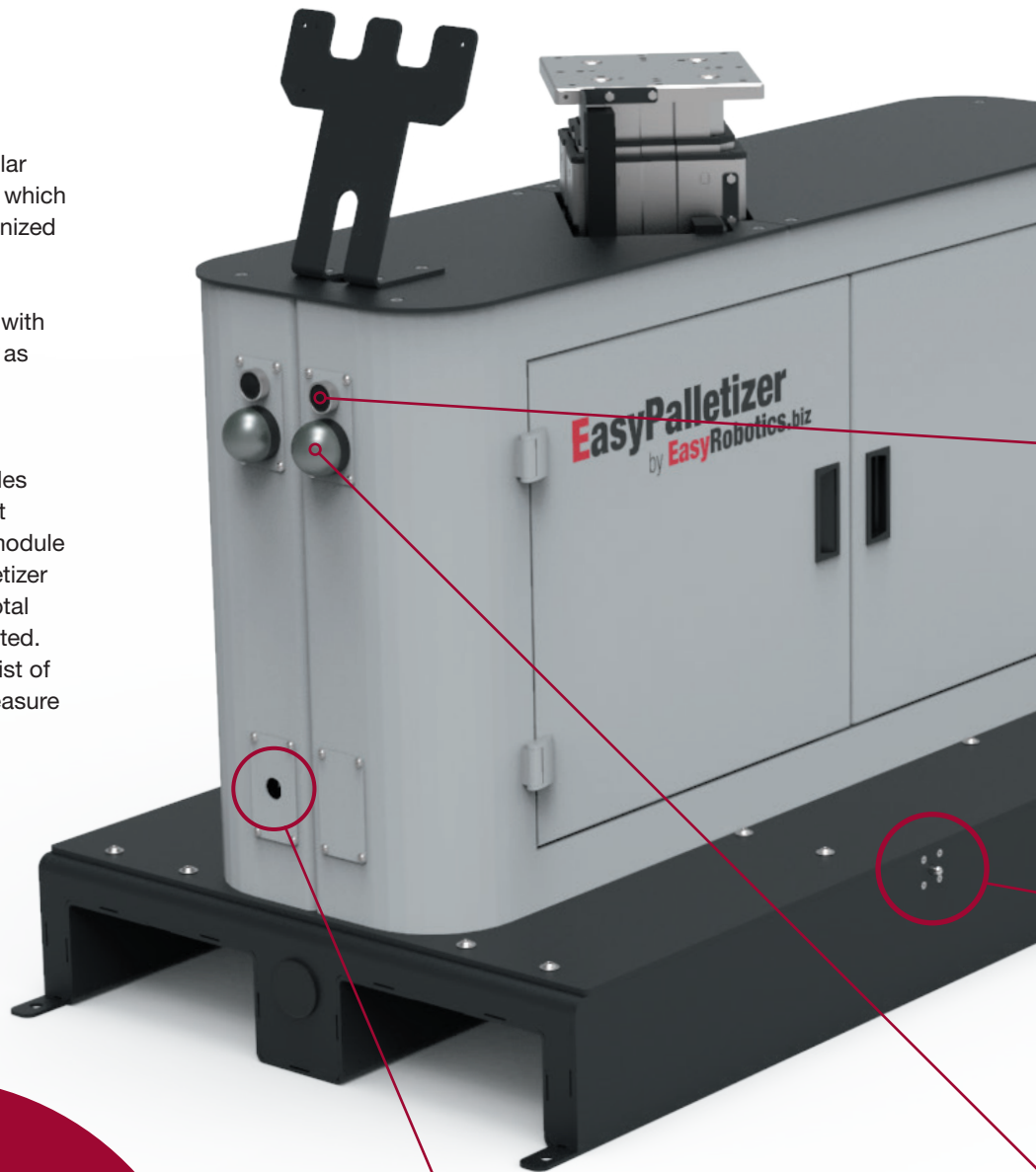**Easy**Robotics®

*- we move your parts*

# EasyPalletizer

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

EasyPalletizer is built upon the popular industrialized design and function in which all EasyRobotics products are recognized for stable and robust designs.

The EasyPalletizer can be equipped with robotarm from several manufacturer as well as Lifting module from SKF.

**The EasyPalletizer**
consists of a Europallet sized consoles consisting of compartment for; robot controller, cables, hosts and lifting module from SKF or pedestal. The EasyPalletizer is designed robust with 300 KG of total weight without robot and lifter mounted. Each side of the EasyPalletizer consist of a docking system for pallets that measure the placement of the pallets.

## Function:

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

1. Floor level palletizing.
2. Load transfer stations to mobile robots form conveyer or other fi ed units.
3. Unload/load transfer systems.
4. Dual palletizing system.

**Ethernet RJ45 connector**

- Ensuring monitoring or access via third part products from outside of the palletizer does the palletizer come with a small plugin for an ethernet cable.

## Component plate

Inside of the EasyPalletizer there is components plate for mounting of products inside console. This could be: communication, air equipement etc.

**Push buttons:**

- Above each lamp bulk there is located push button for each side operation, here the installation can be ensuring "reset" function or activate function of the pallet.

**Pallet detection**

- The EasyPalletize consist of four detection pins on each pallet site which ensure correct docking of pallet before stating palletizing. By the functionality loading stability is ensured as well as a safe operation stabling the components.

**Multipurpose lamps and ethernet plug**

- At the front of the EasyPalletizer are two I/O connectable multipurpose lamps (with multiple configu able colors).

The standard EasyPalletizer is being delivered without cabling and lifting pedestal and Software for palletizing pattern.

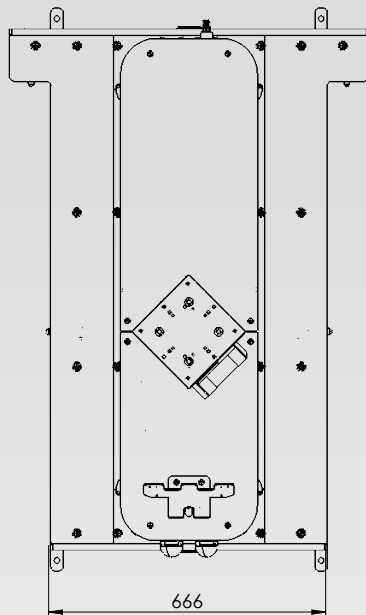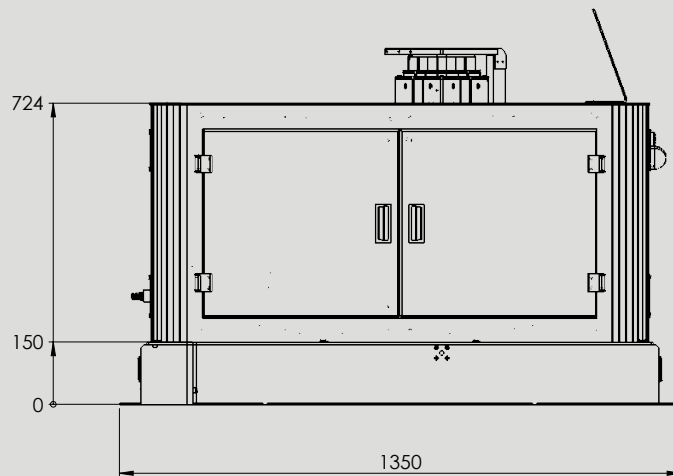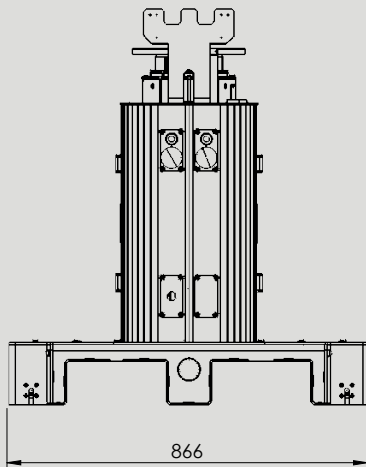Standard version of the Palletizer does not include:
1. Robotarm.
2. Airsystem for end of arm tooling.
3. Pedestal.
4. Cabling.
5. Lifter for robot.
6. Software for Palletizer pattern.

The standard Palletizer can be delivered with:
1. Fixed pedestal (not mounted).
2. SKF pedestal (not mounted).

## BENEFITS

- Automatic and robotic palletizers have many qualities that elevate them above manual palletizers.
- Load stability.
- Precision.
- Operation speed.
- Safe movement of boxes.
- Fewer associated worker injuries.
- Moving packaged units much easier, safer and less labor intensive.
- Movable palletizing cell with fast mechanical setup wit a pallet jack.
- Flexibility for manufacturing.
- Capex optimized.

724

150

0

866

1350

666

The EasyPalletizer can be delivered with three options

- Without pedestal.
- With SKF LIFTKIT.
- Or with a fi ed height pedestal, height 855 mm.

Se also product order overview below.

EasyPalletizer
by EasyRobotics.biz

| Product order overview | | |
|---|---|---|
| **PT1001** | Palletizer | For 2 Pallets with 4 sensor and 2 led lights.<br>L1350 x W866 x H655 |
| **PT1002** | Palletizer | For 2 Pallets with 4 sensor and 2 led lights with SKT Liftingkit (not mounted).<br>L1350 x W866 x H855 |
| **PT1003** | Palletizer | For 2 Pallets with 4 sensor and 2 led lights with fi ed Pedestal (not mounted).<br>L1350 x W866 x H855 |

*Danish manufacturer and supplier of robotic cells for all types of automation.*

**EasyRobotics**®

*- we move your parts*

EasyRobotics ApS
Mommarkvej 5
DK-6400 Sønderborg
Phone: +45 31 25 06 02
info@easyrobotics.dk
**www.easyrobotics.biz**

**MACHINETOOL**
Oy Machine Tool Co
Teerikukonkuja 4, 00700 Helsinki
Finland
www.machinetool.fi