



# COBOTISATION OF PALLETIZATION

Easy palletising, based on the ES Cobot application, is, above all, characterised by **safe and easy handling procedures**. ES Cobot is a solid and user-friendly system that responds to problems and challenges, associated with the automation of product palletising processes of relatively low performance.

ES Cobot is a compact, energy-saving, and easy-to-use palletiser with 24 h availability. It is perfectly suited for limited production space, while providing high flexibility in system foundation layout. A compact and modular design facilitates quick set up and start of the palletising application, along with the possibility of a simple and quick relocation of the system foundation, thanks to the mobile palletiser platform.

## ” MY FRIEND ES-COBOT

ES COBOT does neither need fencing nor cages. The exploitation of cobots – robots interacting with humans - to palletise various types of packaging – means that working next to a robot is fully secure. An operator can easily remove a complete pallet without having to stop the cobot”.



## TECHNICAL DATA

### LOAD

- The weight of transported packages: up to 10kg
- Min. box size: 125x125x100mm
- Max. box size: 600x400x600mm

### INTEGRATION

- Easy to start
- 220/240 V power supply

### DIMENSIONS

- Width: 2,907 mm
- Length: 1,561 mm
- Height: 1,600 mm

### PERFORMANCE

- From 8 cartons/min
- To 15 cartons/min



# ES-COBOT BENEFITS

## SAFETY

ES Cobot is a guarantee of safety.

By using a cobot with external safety functions, the palletising system does not need any industrial fencing, necessary with other robotic systems to ensure operational safety.

## INTUITIVE INTERFACE

The tablet-based interface of ES Cobot facilitates the daily work of operators. Thanks to this solution, the operators are provided with current and quick access to standard operating procedures and operation logs for faster problem solving and easier work performance analysis.

## EASY INSTALLATION - RUN & GO

ES Cobot is extremely easy to install. Both the installation and start up process takes 2 days only. In addition, the system can easily be moved around production lines thanks to its mobile support platform.

## SPACE SAVING

The compact design of the system ensures that the required production space is even twice smaller, when compared to traditional industrial robot chambers.

## NUMEROUS OPTIONS

There are various configurations of the ES Cobot application, which ensure optimal foundation solution at production shop. Additional options: placing spacers between layers, palletising different types of pallets, palletising options for high pallets.

### HOW MUCH DOES IT COST? ?

How much does the ES Cobot app cost exactly?

Ask one of the Europa Systems engineers:

[sales@europasystems.com](mailto:sales@europasystems.com)

phone +48 91 579 03 50

[www.europasystems.com](http://www.europasystems.com)

