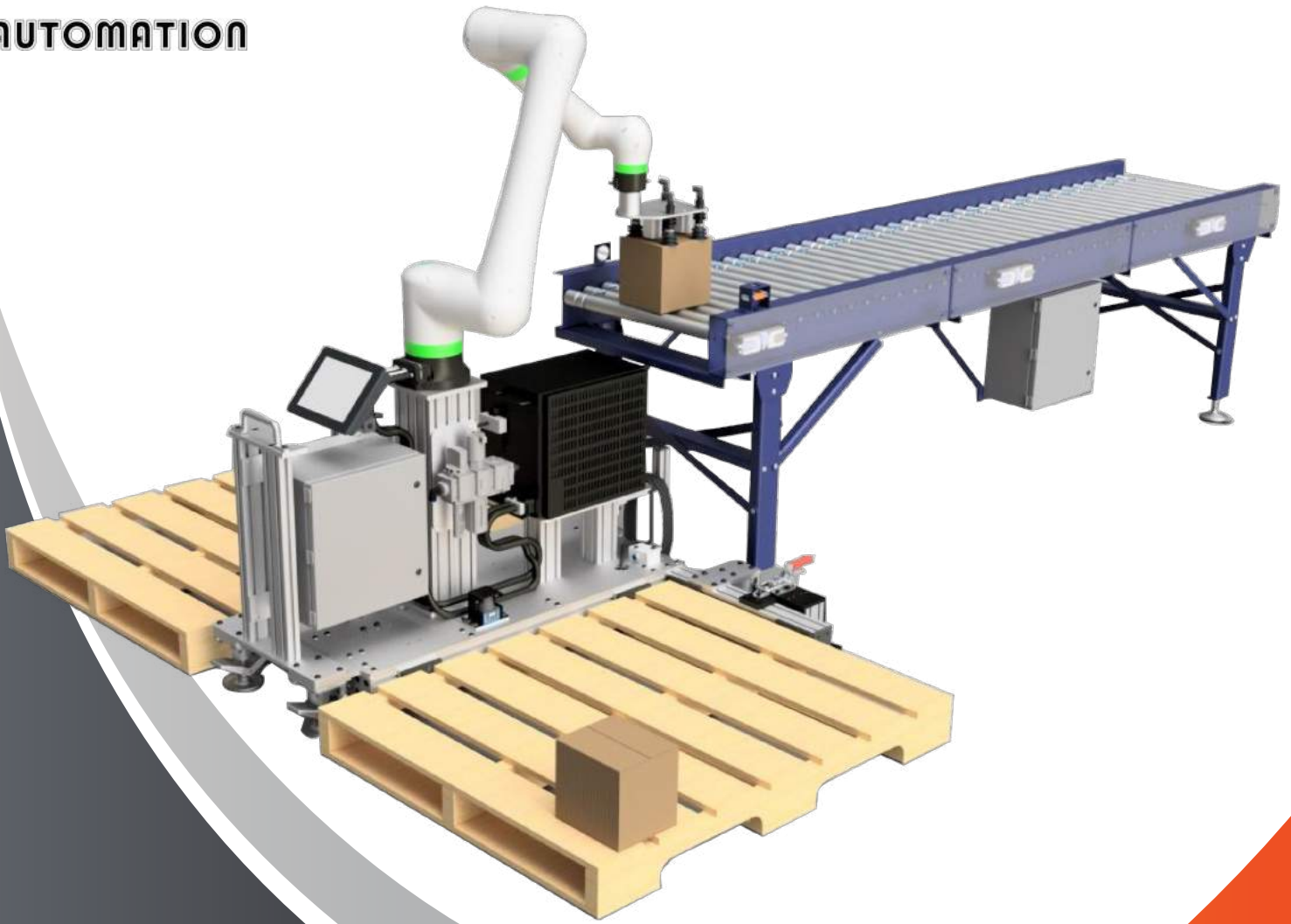




**POPPYS  
AUTOMATION**

# COBOT PALLETIZER



**ROBOTICS | MACHINES | SERVICES**

**MIDDLE EAST | AFRICA**



**POPPYS  
AUTOMATION**

## **FEATURES**

The mobile collaborative palletizer combines a palletizing cell with a collaborative robot making the cell safe for humans to work around without safety cages or safety scanners. This is an economical approach to palletizing needs in manufacturing.



### **SAFETY**

Collaborative robots are safe to work with due to sensitive contact detection

### **MOBILITY**

This cobot can move between lines and be positioned within minutes

### **CONTINUOUS PRODUCTION**

With two pallet building locations, this keeps the palletizer continuously working

### **OPTIONS & ACCESSORIES**

- Slip Sheet standard option
- Multiple tooling options
- Case Infeed Conveyor



6-axis-robot for dynamic palletizing / depalletizing on up to 2 pallets

**POPPYS  
AUTOMATION**

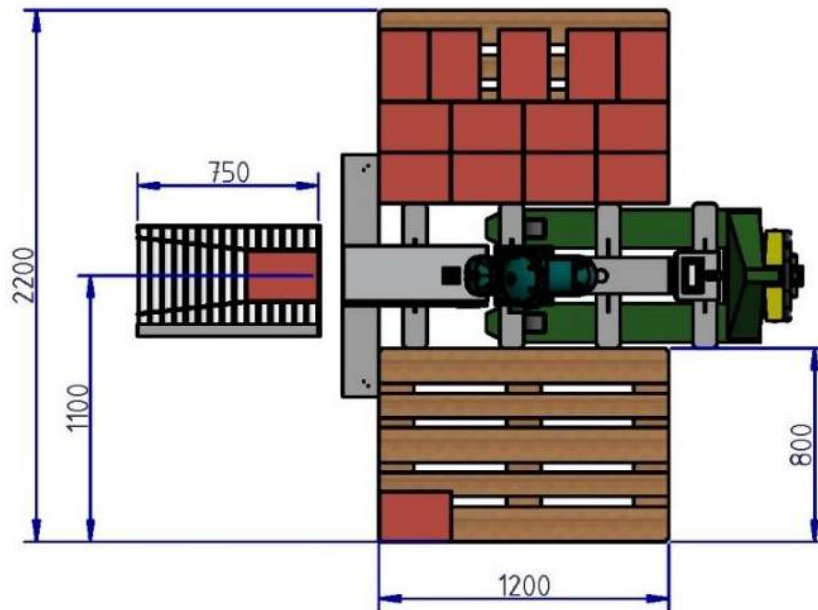
## **TECHNICAL SPECIFICATIONS**

Products	Cardboxes, trays and other fixed packages, which can be gripped with a vacuum suction device; For products such as paper stacks, magazines or trays other gripping devices are needed.
System	6-axis-robot suitable for human-robot collaboration without fixed installed safety fence; provides highest security by power and moment monitoring via absolute precise pulse codes in all joints
Product width	100 - 300 mm (optionally also larger)
Product length	100 - 600 mm
Stack height	50 - 600 mm
Stack weight	max. 9kg (depending on gripping device)
Pallet format	800 x 1200 mm (pallets must be in good shape)
Palletizing height	max. 1800 mm incl. pallet
Empty pallet height	130 mm (min.) - 150 mm (max.)
Speed	max. 6 products (batches)/min. in cobot-mode (without safety equipment) max. 11 batches (batches)/min. in robot-mode (with safety equipment)
Carriage capacity	max. 20 kg
Repetition accuracy	max. +/- 0.10 mm
Operating distance	max. 1200 mm
Drive	6 controlled Servo axes
Voltage	1,2 kVA at 380-440 V / NPE, 50Hz / 60Hz.
Security	3 x 16 A, slow blow fuse
Air pressure	min. 6 bar
Air consumption	depending on gripping device

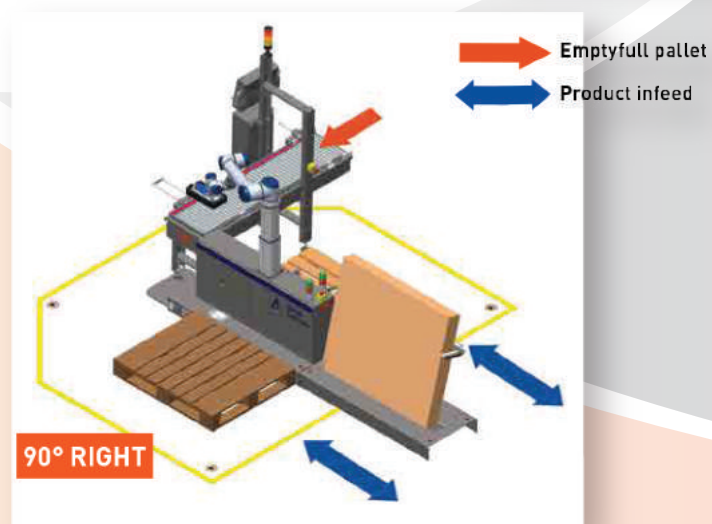
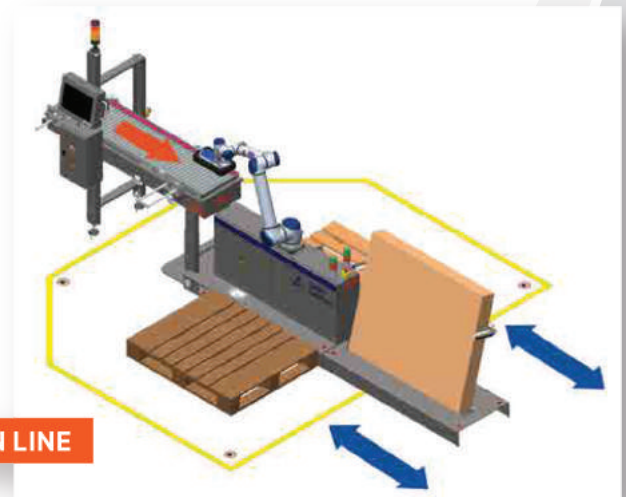
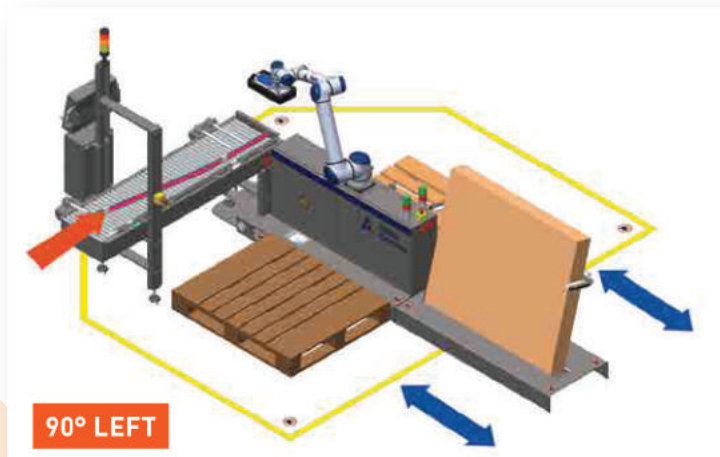


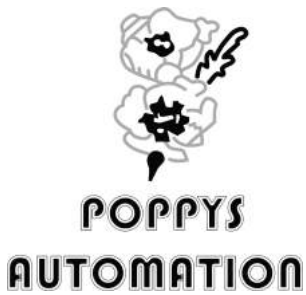
POPPYS  
AUTOMATION

## CELL LAYOUT



## MULTI-CONFIGURATION CELL LAYOUT





We are a Fleet of Robotics Experts who offer the required technical knowledge from India as well as Local Presence in Middle East Countries to support CNC Machine Tools Supply, Machine Reconditioning & Retrofitting, Preventive Maintenance Services and Industrial Robotic Automation. We deliver high level of performance by continuously understanding our customers' challenges and we commit in meeting their unique goals of Quality & Time. We do this through dialogue, and by understanding the needs of their markets, production and value chains. We complement this by applying our strong technical knowledge and smart-data analytics to support maximum lifetime productivity to its full potential.

**“We Ease the manufacturing process”**

[info@poppysautomation.com](mailto:info@poppysautomation.com)  
[www.poppysautomation.com](http://www.poppysautomation.com)

**ROBOTICS | MACHINES | SERVICES**

**MIDDLE EAST | AFRICA**