

Description

Robotic Palletizing provides a modular end of line palletizing system. A flexible solution for palletizing provided in four different configurations. Select the cell that meets your line capacity and requirements. Robotic Palletizing Cells are ready to improve your line with industrial palletizing robots.

Key Advantages

- ✓ User-Friendly
- ✓ Cost-Effective
- ✓ Advanced Reliability
- ✓ Small Footprint
- ✓ Quick Start-up Cycles
- ✓ Low Maintenance



Cell Pal Boxy[®]



Cell Pal Dual[®]



Cell Pal Over/Under[®]



Cell Pal Ultimate[®]

Description

Minimum footprint palletizing cell for a single pallet with a standard attached conveyor and load/unload function utilizing a pallet jack or forklift.

Continuous Operation	No
Cell dimensions	2700 x 2380 x 2500 mm
Max. Case Weight	Up to 50 kg
Max. Productivity	Up to 10 CPM
Gripper	Flexible vacuum gripper
Max. Pallet Height	1800 mm
Safety Guarding	According to category IV of EN ISO 13849

Pallet size:

1200 x 1000 mm (UK)

1200 x 800 mm (Euro pallet)

Key Advantages

- ✓ User-Friendly
- ✓ Cost-Effective
- ✓ Advanced Reliability
- ✓ Small Footprint
- ✓ Quick Start-up Cycles
- ✓ Low Maintenance

Application

Boxes that can be top picked with a **vacuum** gripper.



Optional Equipment

- ✓ Mechanical or electrical gripper
- ✓ Parametric programming
- ✓ Energy Saver

Description

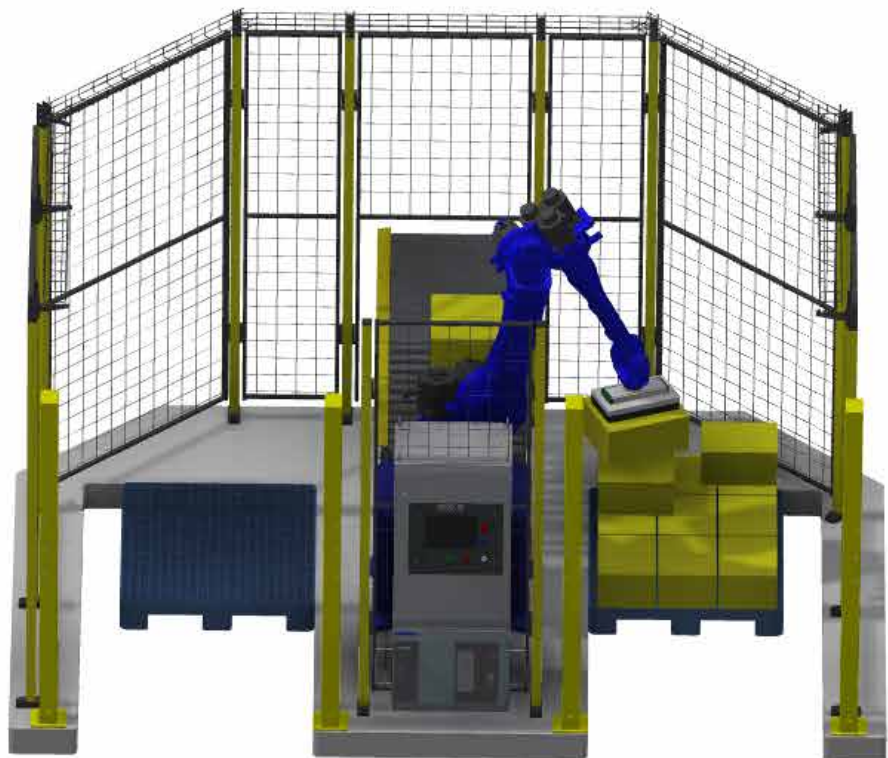
The robot completes one pallet position before switching to the other, allowing time to replace the full pallet. Also, via barcode reader it can build two pallets with different products at the same time.

Application

Boxes that can be top picked with a **vacuum** gripper.

Key Advantages

- ✓ User-Friendly
- ✓ Cost-Effective
- ✓ Advanced Reliability
- ✓ Small Footprint
- ✓ Quick Start-up Cycles
- ✓ Low Maintenance



Continuous Operation	No
Cell dimensions	4000 x 3700 x 2500 mm
Max. Case Weight	Up to 50 kg
Max. Productivity	Up to 10 CPM
Gripper	Flexible vacuum gripper
Max. Pallet Height	1800 mm
Safety Guarding	According to category IV of EN ISO 13849

Optional Equipment

- ✓ Mechanical or electrical gripper
- ✓ Parametric programming
- ✓ Energy Saver

Pallet size:

1200 x 1000 mm (UK)

1200 x 800 mm (Euro pallet)

Description

With double layer chain conveyor empty pallets are supplied on the bottom level and full pallets are discharged on the upper level. Easy and fast load/unload function for high output productions.

Application

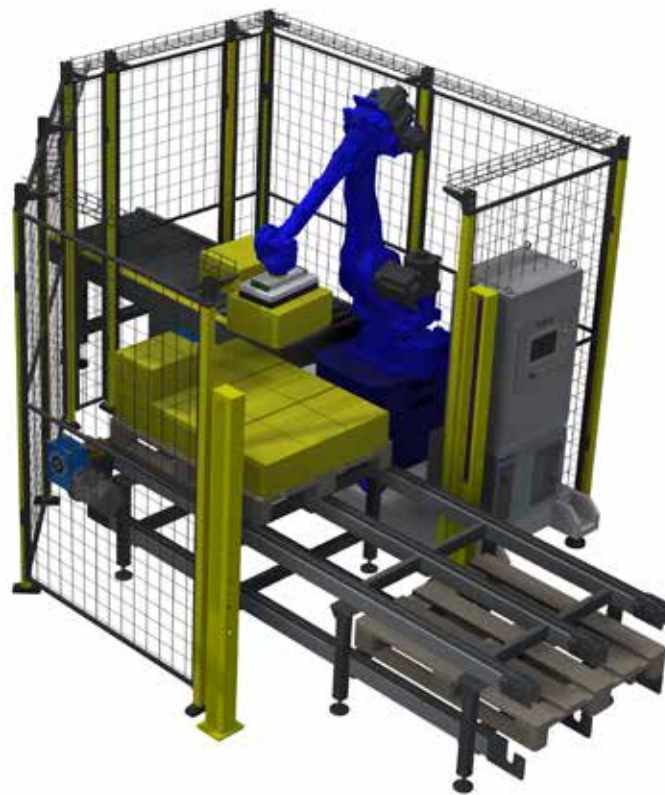
Boxes that can be top picked with a **vacuum** gripper.

Optional Equipment

- ✓ Mechanical or electrical gripper
- ✓ Parametric programming
- ✓ Energy Saver

Key Advantages

- ✓ User-Friendly
- ✓ Cost-Effective
- ✓ Advanced Reliability
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- ✓ Quick Start-up Cycles
- ✓ Low Maintenance



Continuous Operation	Yes
Cell dimensions	4900 x 3200 x 2500 mm
Max. Case Weight	Up to 50 kg
Max. Productivity	Up to 10 CPM
Gripper	Flexible vacuum gripper
Max. Pallet Height	1800 mm
Safety Guarding	According to category IV of EN ISO 13849

Pallet size:

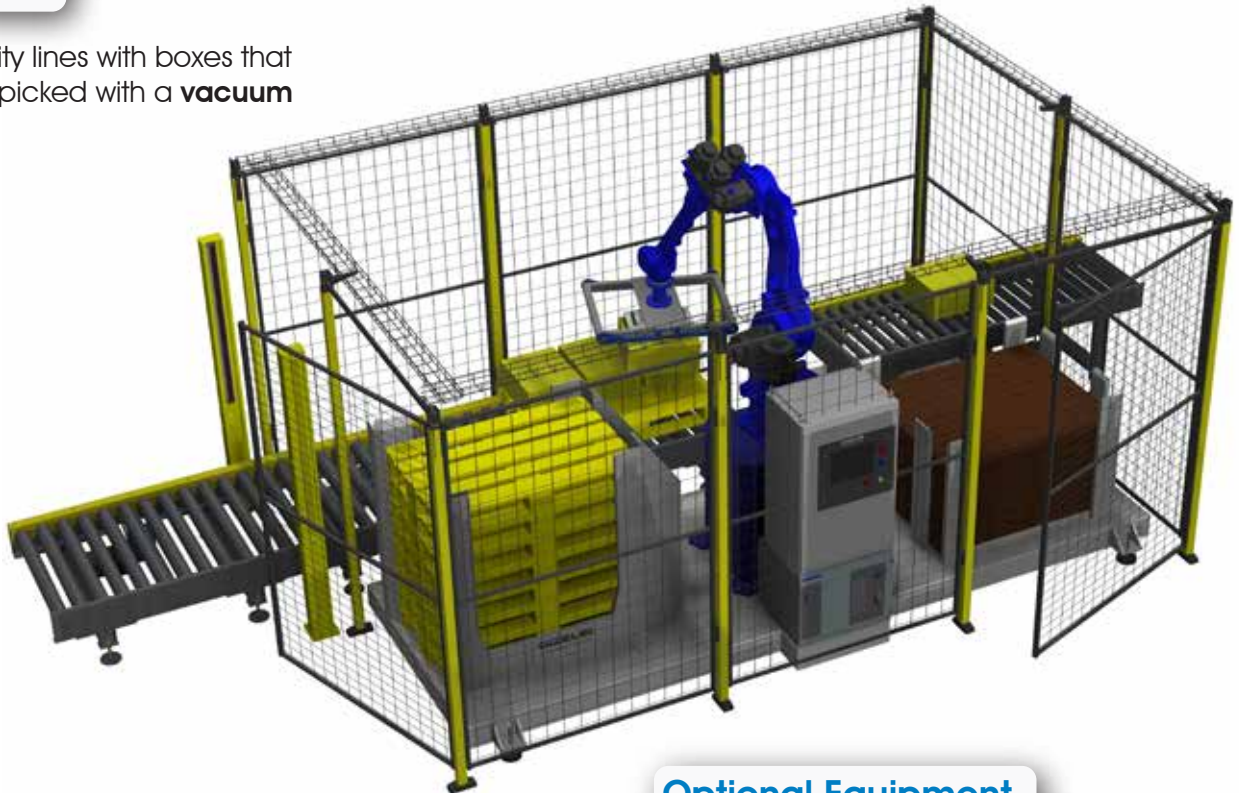
- 1200 x 1000 mm (UK)
- 1200 x 800 mm (Euro pallet)

Description

Empty pallets are placed initially in a docking station. When needed an empty pallet is picked by the robot and placed at the palletizing location. Full pallets are conveyed automatically out of the safety fence. Optionally interlayer sheets can be placed between the layers of the boxes to increase pallet stability.

Application

High capacity lines with boxes that can be top picked with a **vacuum gripper**.



Key Advantages

- ✓ User-Friendly
- ✓ Cost-Effective
- ✓ Advanced Reliability
- ✓ Small Footprint
- ✓ Quick Start-up Cycles
- ✓ Low Maintenance

Continuous Operation	Yes
Cell dimensions	7000 x 3300 x 2500 mm
Max. Case Weight	Up to 30 kg
Max. Productivity	Up to 10 CPM
Gripper	Flexible vacuum gripper
Max. Pallet Height	1800 mm
Safety Guarding	According to category IV of EN ISO 13849

Optional Equipment

- ✓ Mechanical or electrical gripper
- ✓ Parametric programming
- ✓ Energy Saver

Pallet size:

- 1200 x 1000 mm (UK)
- 1200 x 800 mm (Euro pallet)

	Cell Pal Boxy [®]	Cell Pal Dual [®]	Cell Pal Over/Under [®]	Cell Pal Ultimate [®]
Application	Robotic box palletizing complete system for small, medium or high capacity lines. Handles sealed/display boxes with a vacuum, mechanical or electrical gripper.			
Continuous Operation	NO		YES	
Cell dimensions (mm)	2700 x 2380 x 2500	4000 x 3700 x 2500	4900 x 3200 x 2500	7000 x 3300 x 2500
Max. Case Weight	Up to 50 kg			Up to 30 kg
Max. Productivity	Up to 10 CPM			
Pallet size	1200 x 1000 mm (UK), 1200 x 800 mm (Euro pallet) (or custom size under demand)			
Gripper	Vacuum - <i>Standard version</i> Mechanical or Electrical - <i>Optional equipment</i>			
Max. Pallet Height	1800 mm			
Safety Guarding	According to category IV of EN ISO 13849			
Pallet Handling	Manual		Semi-Automatic	Automatic
Support Structure	Pre-assembled for simplified installation			
Control panel	Touch screen HMI 5.7" or 10.1" (optional)		Touch screen HMI 10.1"	
Software	Preset palletizing program or Parametric palletizing program (optional)			
Optional Equipment	<ul style="list-style-type: none"> • Warranty extension • Energy saving pneumatic equipment • Bus interface gripper communication 			