PREMIER TECH
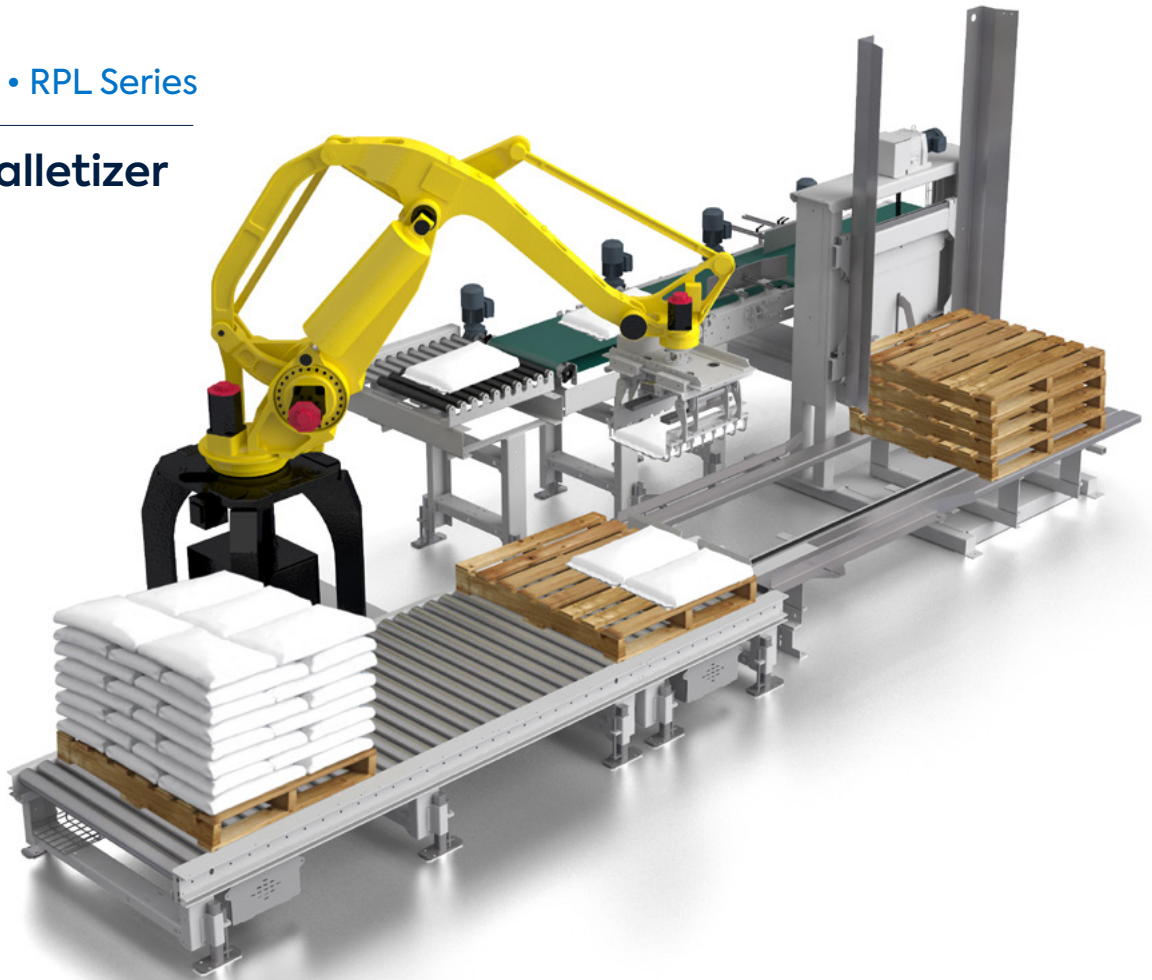
Robot palletizer

Robot palletizer

UP TO 2200 BAGS PER HOUR*

*Depending on bag, characteristics, pallet height, layout configuration, etc.

Performance
Can palletise up to 2200 bags per hour in a multi pick-up configuration and the heavy duty robotic cell can simultaneously gather bags, bales or containers from many different incoming product lines.

Usability
Configured to fit in confined spaces to palletise incoming product. The easy-to-clean system is characterised by its wide flexibility of use and low maintenance requirements.

Design quality
Compatible with all common standard industrial pallets. All our equipment is PLC controlled with user-friendly human machine interfaces (HMI).

Quick changeover of palletizing patterns via stored recipes, different layer pattern versatility and compliance with CE regulations.
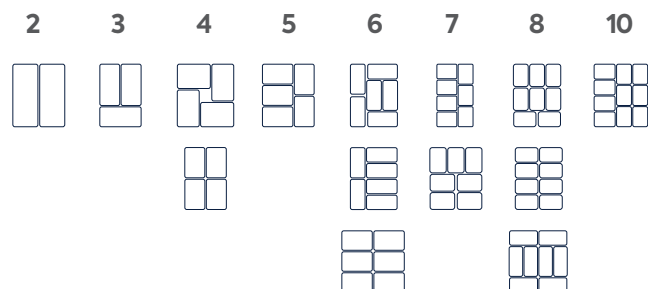
Application

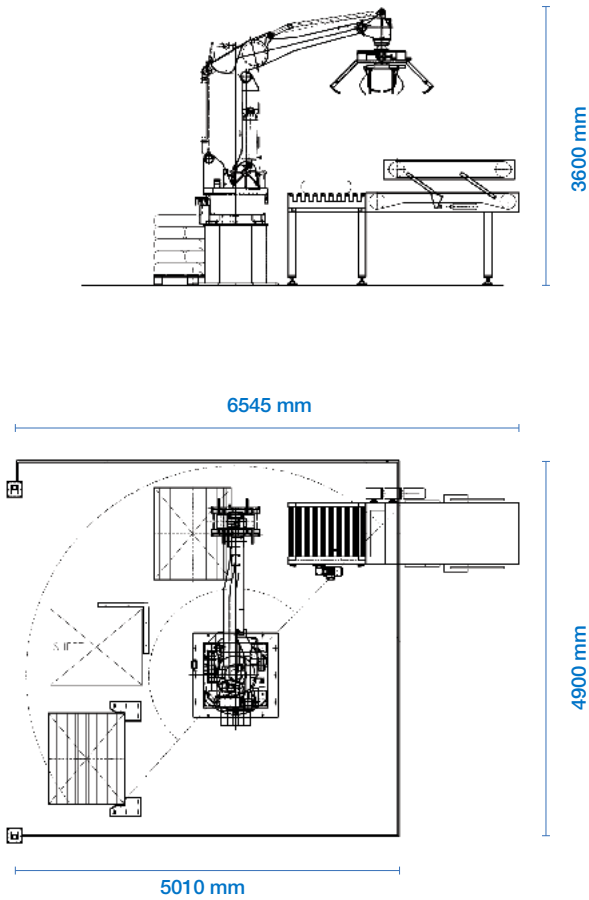Pillow-Type   Gusseted   Gusseted flat bottom   Valve

Pattern examples

2   3   4   5   6   7   8   10

Typical Equipment Dimensions

3600 mm

6545 mm

4900 mm

5010 mm

Empty pallet size
Up to 1300 x 1200 mm. Other sizes available

Pallet magazine capacity
2.5m height max.

Load capacity
250kg per layer / Height: Up to 2500 mm
Weight: Up to 2500 kg

Electrical requirements
3 AC / 400V / 50Hz

Layer Dimension
Up to 1300 x 1100 mm

Bag dimensions
Length: Up to 1000 mm
Width: Up to 500 mm
Height: Up to 300 mm
Weight: Up to 50 kg

Features

Automatic bag width adjustment to automatically palletise multiple bag sizes with finger or multi pick-up gripper

Ideal solution for high capacity requirements in highly corrosive environments

Versatility in layout configuration: multiple stack positions, pallet position pick-up, inter-layer sheet (paper, PE) pick-up, bag reject (metal, weight) and depalletizing with vacuum gripper

Minimised / flexible footprint

Quick changeover of palletizing patterns via stored recipes

User-friendly operator interface (colour touch screen)

Empty pallet and slip sheet handling by the robot itself

Secure robotic cell including safety fences with interlocked access door and light curtains

Numerous layout configurations

Gripper (tool) to handle bags and boxes at the same time

Automatic pattern configurator (boxes/bundles)

Low noise environment

Ultrasonic sensor to measure the pallet load height during palletizing cycles for controlled discharge height from bag to pallet*

*This feature is important for applications where bag thicknesses change due to variations in the bagging process.

Options

Bag gripper with empty pallet pick-up device

Device to deposit slip sheets on the pallet and also in between the layers

✓ Lifetime
Client Solutions

Premier Tech Client Solutions take a personalized approach to **lifecycle management**, creating enhanced solutions customized to your specific needs that develop your own capabilities and operational habits, and help you achieve and maintain productivity.

The Client Solutions' passionate team acts as a **partner** by maintaining constant collaboration and putting your interests at the heart of daily decisions throughout your equipment's lifecycle.

Our programs are designed to help you maximize your **Return on Investment (ROI)** by providing you with the most valuable lifecycle services in the industry focusing on critical areas such as **24/7 technical support, spare parts, field service, training, system assessments and optimization.**

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PT Systems and Automation