

Semi-Automatic Twin Station Palletising Cell- Typical Configuration

## SA-F Series Semi-Automatic Robotic Palletiser

Unlock greater productivity and performance with the Twin Station Palletiser — the smart solution designed to boost efficiency, ensure consistent pallet builds, and cut down on material waste.

By automating repetitive tasks, it also helps protect your workforce from strain injuries, creating a safer, more sustainable operation.

Ideal for high-throughput environments or facilities managing multiple product formats, this versatile system can simultaneously handle cases from multiple infeeds in different sizes while building a variety of pallet configurations.

With the flexibility to program customised pallet patterns for both EU and UK standards, the Twin Station Palletiser seamlessly adapts to your needs, making it the perfect choice for any high-volume packaging line looking to maximise output and efficiency

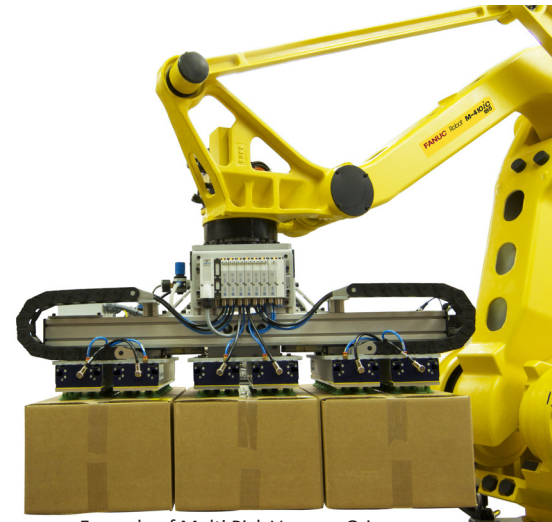
### Features and Benefits

- Single or Twin station Palletiser Configurations
- Manual or Automatic Pallet Exchange Options
- Multi-Pick Grippers to Increase Throughput
- Safety Fencing with Light Curtains allowing for a Safe Operator to Machine Interaction
- Systems Designed and Built for 24 Hour Operation
- Easy Access for Maintenance and Cleaning
- Compact Footprint Compared to Fully Automatic Solutions

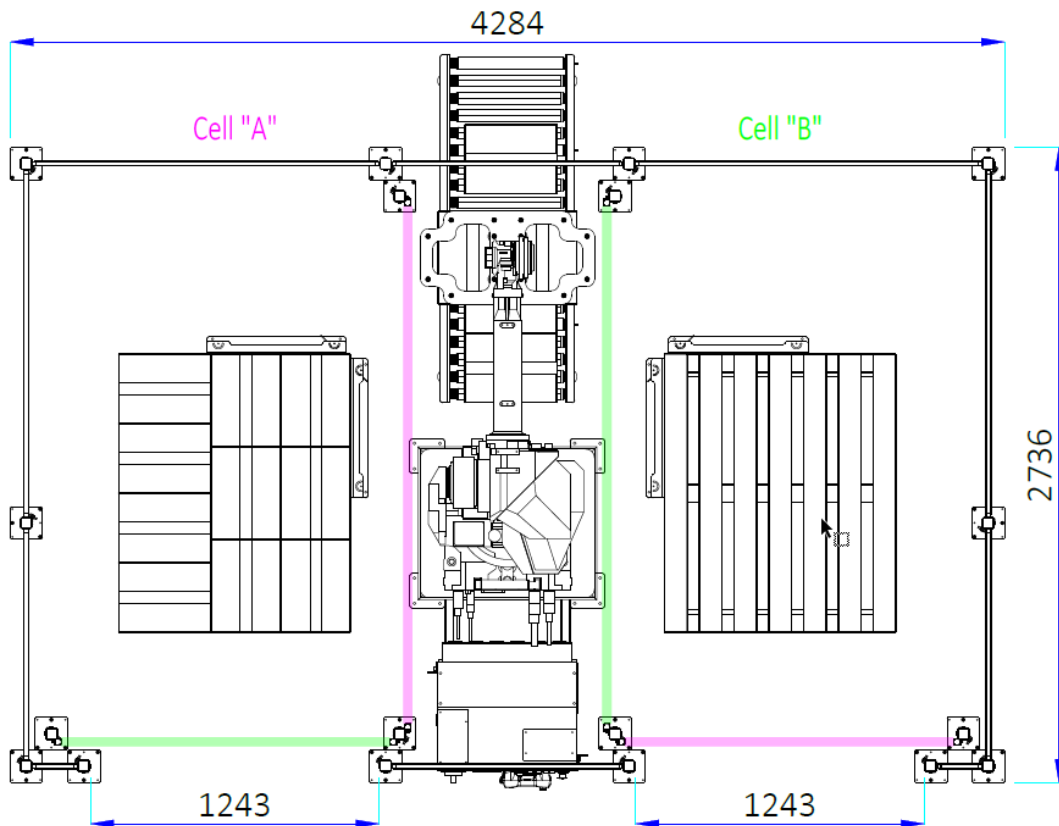
# Technical Overview

## SA-F Series Semi-Automatic Palletising Cell

Products	<ul style="list-style-type: none"> <li>Cases, Totes, Trays, Bundles</li> </ul>
Pallet Formats	<ul style="list-style-type: none"> <li>EURO (1200mm x 800mm)</li> <li>UK/CHEP/INDUSTRY (1200mm x 1000mm)</li> </ul>
Maximum Cycle	<ul style="list-style-type: none"> <li>15 Cycles Per Minute (Dependant on Load and Pallet Matrix)</li> </ul>
Maximum Load	<ul style="list-style-type: none"> <li>50Kg including Gripper</li> </ul>
Max Pallet Build Height	<ul style="list-style-type: none"> <li>2000mm</li> </ul>
Gripper Type	<ul style="list-style-type: none"> <li>Vacuum, Mechanical, Hybrid (TBC based on Product)</li> </ul>
Operator Control	<ul style="list-style-type: none"> <li>Alarms, Warnings &amp; Status</li> <li>Machine State</li> <li>Password Protected at Local Level</li> <li>Partial Pallet Complete Button</li> <li>Pallet Cell A or B Reset</li> </ul>
Safety	<ul style="list-style-type: none"> <li>Safety Fencing Bolted to Floor</li> <li>Light Curtains &amp; E-Stop on Robot Pendant &amp; Operator Panel</li> <li>Power Isolator with LOTO</li> <li>DCS Safe Zone software</li> </ul>
Robot Overview	<ul style="list-style-type: none"> <li>Model to be Confirmed Based on Application Assessment</li> <li>GMP Features for Easy Cleaning</li> <li>IP Rating - 54 Standard, IP67 Optional on Body, IP67 Standard on Wrist</li> </ul>
Teach Pendant	<ul style="list-style-type: none"> <li>Robust Plastic Housing with USB Slot</li> <li>LCD Colour Display</li> <li>Quick and Easy Programming</li> <li>Hook to Hang to the Safety Fence</li> <li>Ergonomic Cable Outlet Position</li> <li>Teachbox Cable, Pluggable, 8m Length</li> </ul>
Electrical Supply	<ul style="list-style-type: none"> <li>400v, 50Hz, 3 Phase, Neutral +Earth</li> </ul>
Pneumatic Supply	<ul style="list-style-type: none"> <li>min. 6 Bar, Clear Dry Air with Local Isolation Valve</li> </ul>
Control Voltage	<ul style="list-style-type: none"> <li>24V DC (Internal)</li> </ul>



Example of Multi Pick Vacuum Gripper



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