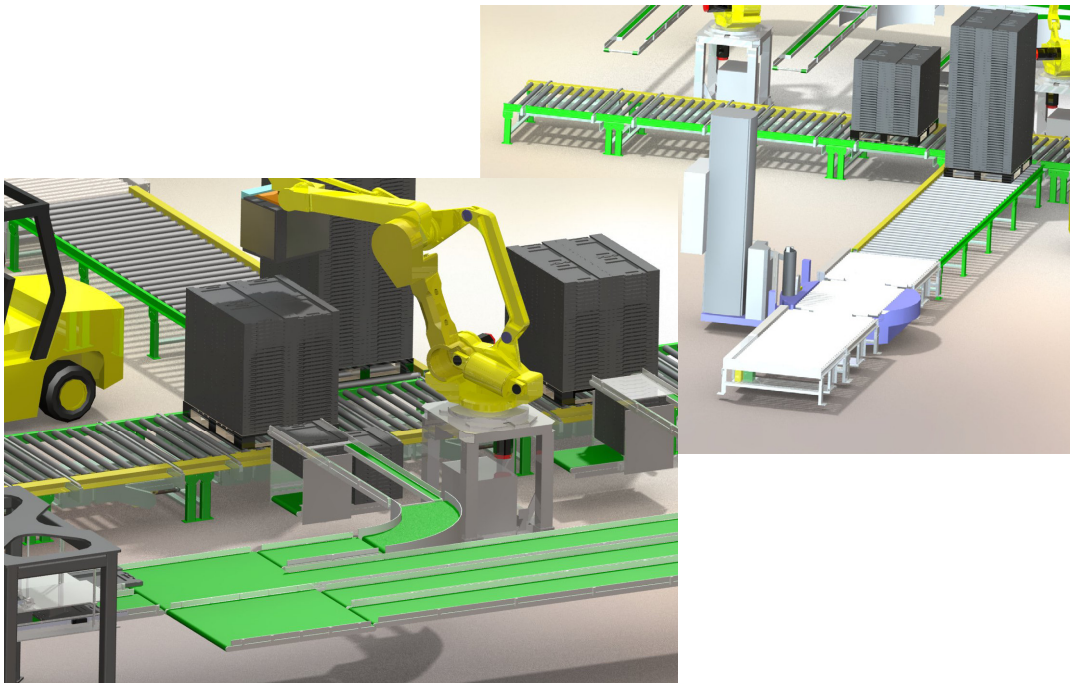


STACKING AND PALLETIZING



Material Handling System Integration

This project provides an integrated solution for stacking and palletizing plastic totes for use in the food industry. Totes are delivered to the line, collapsed, and collated into stacks.

The stacks are then transferred robotically to staged pallets and conveyed from the system.

FEATURES

- Throughput: 2000 totes/hr
- Flexible part size capability
- Part reject capability servicing upstream inspection
- Configurable finished pallet quantity

TECHNOLOGIES

- Custom-designed, pneumatically-driven mechanical manipulators
- Servo-driven stacking mechanism
- Automatic custom-designed pallet dispenser
- Robotic integration (4-axis palletizing robot)
- PLC-based host control