Induct Station

Maintain High Inbound Productivity And Accuracy With Empowered Workers.

Labor intensive activities can fatigue your operators, resulting in both productivity and accuracy issues. Don't let a suboptimal inbound decant process limit the benefits of your downstream automation.

Induct workstations help your operators perform the critical task of transitioning products from inbound pallets into the grid, leveraging automation for high inventory processing efficiency, security and traceability. Stations automate high-fatigue inbound activities and provide an intuitive, low-strain environment to help operators achieve an exceptional standard of quality, quickly and sustainably.

Key Features

EASE OF USE:
At an average of under 9 seconds per bin presentation[1], our induct stations are designed with operator productivity, accuracy and traceability in mind. A modern user interface steps operators through the entire stock induction process, with imagery and clear instructions, while bin handling and tracking automation reduces operator fatigue.

INBOUND INTELLIGENCE:
Induct workstations feature system health monitoring with proactive fault alerting, automatic bin tracking for inventory accuracy and labor reduction, and decant volumetric guidance for optimal grid utilization.

MULTI-BIN SUPPORT:
Stations support plastic, metal-lined plastic (for flammables) and metal bins. Two-chute models allow for on-demand mix of bin presentations, with appropriate bin auto-dispensed based upon inbound product attributes.

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Technical Specifications

PERFORMANCE:
Throughput: Approx. 400 bin presentations per hour[1]
Uptime: >99%

RESOURCE REQUIREMENTS:
Power: 2.91 kW, 400-480V, 3-phase AC
Network: Two RJ45 100 Mb/s ethernet ports, 100 Mb/s bandwidth requirement
Physical: Multiple models and layouts for ambient/chill/-frozen zones
Dimensions: Near-edged, long model: L 3.2m x W 1.5m x H 5.4m, 611kg
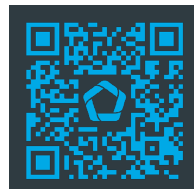**Operating environment:** Temperature: -20-45°C Humidity: 20-80%

COMPONENTS:
- Large touch screen, hand scanner
- Bin over-height sensor, conveyor & grid interface chutes
- Electrical control panel, emergency stop and reset buttons
- Optional trash conveyor

CERTIFICATIONS:
- CE & NRTL Approval
- Seismic compliant

1. Bin presentation rate will vary based on grid height and application

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