



US Leading Food Manufacturer Automates Pallet Inspection to Boost Efficiency & Reliability

Automation Sourcing Case Story

HowToRobot

Automated Pallet Inspection Streamlines Operations for Major Food Manufacturer Case study

A large food manufacturing facility in the Midwest, US faced significant challenges in its pallet handling operations due to damaged pallets. With ongoing labor shortages, the company needed an automated solution to detect broken pallets before causing disruptions. Through HowToRobot's expertise and procurement platform, the company quickly found a solution to improve its production flow.

The challenge

- The facility experienced frequent breakdowns due to broken pallets from suppliers, which were not detected until after being loaded with products.
- Damaged pallets caused disruptions and product losses when crushed under the weight of stacked goods.
- The internal automation division was overwhelmed with other projects, limiting its capacity to address this issue

The solution

- HowToRobot scoped the pallet handling and inspection process, ensuring all production interfaces were accurately detailed.
- A request for information (RFI) was launched on HowToRobot's procurement platform to source solutions.
- Within 2.5 weeks, the company received numerous quotes and solution concepts from suppliers.

Value delivered

- A clear pathway was established to automate pallet inspection, preventing the use of broken pallets in the production line.
- The company quickly identified a range of potential solutions, saving time and internal resources.
- From first visit to three actionable quotes, 6 weeks.