

# PALLETIZING 101:

## 8 WAYS AUTOMATED PALLETIZING BENEFITS YOUR PRODUCTION LINE

Automating palletizing is one of the easiest ways to get started with automation. There is a high labor demand with injury risk, immediate and measurable benefits to production throughput, reliability, and consistency, greater scalability, and quick deployment with low complexity.

It's no surprise that more manufacturers are making the switch from manual stacking to robotic palletizing. Here's what automated palletizing can do for your line:

### 1 REDUCE LABOR GAPS AND END-OF-LINE BOTTLENECKS

Automated palletizers maintain a steady, predictable pace, preventing slowdowns caused by staffing shortages, fatigue, or inconsistent performance at the end of the line.

### 2 INCREASE THROUGHPUT WITHOUT ADDING HEADCOUNT

Robotic palletizers reliably handle 15–30+ cases per minute without breaks, turnover, or labor variability. That means higher output and fewer second or third-shift hiring challenges.

### 3 BOOST LINE UPTIME AND OPERATIONAL STABILITY

Automation removes the human-factor variability that often leads to downtime. With proper maintenance, automated palletizers deliver 98%+ uptime, ensuring consistent, reliable production.

*"Palletizing is not designed for humans. There's a lot of ergonomic risk, and it's not a job that humans should do eight hours a day. Why not automate that? Have those humans go use their brain power elsewhere, and that's what we love most about Formic."*

**– Adam Bragg**  
Technical Director  
Cameron's Coffee

## 4 IMPROVE CONSISTENCY AND QUALITY ON EVERY PALLET

Say goodbye to leaning stacks, crushed corners, and mismatched labels. Robots deliver the same precise, repeatable results every time: improving downstream handling and customer satisfaction.

## 5 ELIMINATE HIGH-RISK, HIGH-TURNOVER TASKS

Manual palletizing puts employees at risk for repetitive-motion and strain injuries, the #1 driver of workers' comp claims in manufacturing. Automation protects your team, improves ergonomics, and helps retain employees by removing physically punishing work.

## 6 REDEPLOY LABOR TO HIGHER-VALUE WORK

Instead of pulling bodies into the hardest job on the floor, automation lets you redirect employees to quality control, machine tending, and other tasks where they create more value.

## 7 SCALE PRODUCTION WITHOUT LABOR CONSTRAINTS

Need to increase shifts, add new SKUs, or adapt to changing demand? Automated palletizers scale instantly: no hiring or training required.

## 8 GAIN REAL-TIME INSIGHT INTO LINE PERFORMANCE

Automated systems track throughput, cycle times, downtime, and productivity automatically, giving you the data you need to optimize processes and make informed decisions.

If your end-of-line operation is slowing down output, relying too heavily on temp labor, or contributing to high turnover and injury risk, **automated palletizing is the fastest and most reliable way to stabilize your workforce and boost production.**



**Get started with Formic  
Automate NOW palletizers today**

