PLUS ONE ROBOTICS

Introducing DepalOne...

The industry's most dynamic palletizing and depalletizing cell.

Plus One Robotics offers a turn-key, mobile work cell for your automated palletizing and depalletizing needs. Leveraging the simple design of beRobox's PALTZ design, DepalOne layers on PickOne™ vision software and Yonder™ human-in-the-loop support to provide a purpose-built, flexible work cell accelerating time to value and ROI.

starting at $155,000

Depalletizing Cell

From single-SKU to mixed or rainbow pallets, DepalOne adapts in real-time to manage varied packages and containers, handle exceptions and keep your lines flowing.

Pal & Depal Combo Cell

Leverage a single unit for both palletizing and/or depalletizing. Perfect for dock doors, cross-docking operations, or any space needing rapid repalletizing. Train your team on a single machine.

Depal/Repal System

Whether you're rebuilding pallets for custom shipments, relabeling, or adapting to new store layouts, DepalOne supports your operations with speed and precision.

Typical Throughput: 500-1000 PPH
Supported item types vary by PickOne tier:
Boxes, cartons, bags, food & beverage items

Capacity: 70 pounds
Up to 98" palletizing height, 48' x40"
Up to 9 cycles/minute, two pallet locations

Features

Available in multiple configurations incorporating a cobot or industrial robot, DepalOne is designed to drop-in, scale fast, and handle everything from basic pallet breakdown to full-cycle relabel and repalletization workflows. Optionality is endless with this flexible, mobile solution.

- Layer-by-Layer Picking
- Item Classification
- Intelligent Gripping Strategy
- Intentional Multi-Picking
- Food & Beverage Handling
- Place Verification
- Offset Picking
- Empty Pallet Detection
- Slip Sheet Detection

Watch It Work

Designed to Meet Your Needs

DepalOne fits into your workflow by letting you choose the right robot, whether you need a smaller footprint, higher payload, or more mobility. With PickOne™ vision tiers, you can start with the level of intelligence you need today and scale up as your operations change.

Cobot Cell

Industrial Robot Cell

Customized Cell

CUSTOMER STORY

A US-based supply chain company, focused on packaging and co-packing, adopted DepalOne to address labor and ergonomic challenges while streamlining complex, high-mix repack operations. With pallet intake variability, the team struggled with uptime and wanted to ensure minimal operator intervention. Also keen on mobile cells and Plug-and-Play level integration, DepalOne delivered flexibility and experience unlike any other in the market.

How it Works

Initiate operations in less than a month with a pre-engineered, fully integrated hardware and software solutions.

- **Rapid Deployment**: Plug-and-play installation and no AI training needed (Depal Lite and Depal Core)
- **Low-Cost**: A turn-key solution starting at $155,000, no custom engineering is required
- **Flexible & Mobile**: Lightweight, mobile design is built for evolving layouts and evolving needs
- **Proven Performance**: Automate with confidence with AI-vision technology that gets better with each & every pick

Delivering flexible, cost-effective automation for real world needs.

Plus One Robotics, the leader in AI-powered vision systems for warehouse automation, has delivered a flexible and cost-effective solution for palletizing and depalletizing. Together, they offer a scalable, plug-and-play system that solves for labor shortages, ergonomic risks, and packaging variability—empowering warehouse operators to deploy automation with confidence and achieve results in weeks, not months. This isn't a science project, it's a production-grade solution, built by operators, for operators. Let's turn unpredictable workflows into predictable throughput.

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Robots work. People rule.