# OSARO®

# Smarter Robots, Smarter Supply Chain

## Goods-to-Robot piece-picking solutions for e-commerce operations

# What our robots can do for you

We deliver goods-to-robot solutions that expand the role robots play on the warehouse floor. This is where the greatest gains in efficiency and accuracy can be achieved.

- Boost productivity
- Mitigate labor shortages
- Shorten order cycle time
- Improve order accuracy
- Adapt to changing inventory
- Operate continuously

# OSARO Robotic Solutions
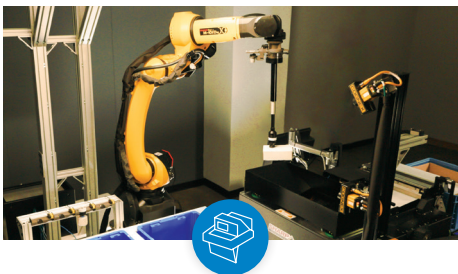


**OSARO® Robotic Bagging System**
Pick-and-place robotics with bagging equipment for performance and ROI.



**OSARO® Robotic Induction System**
Advanced vision and accurate object placement for sorter induction.



**OSARO® Piece Picking for AMR/ASRS**
Flexible integration with no CAD models, no pre-registration.



**OSARO® Robotic Kitting System**
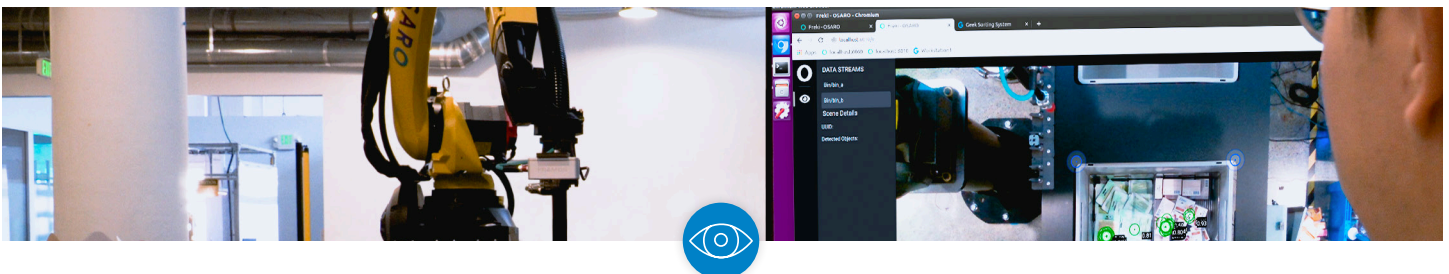Robots pick and precisely place an array of goods in subscription boxes.
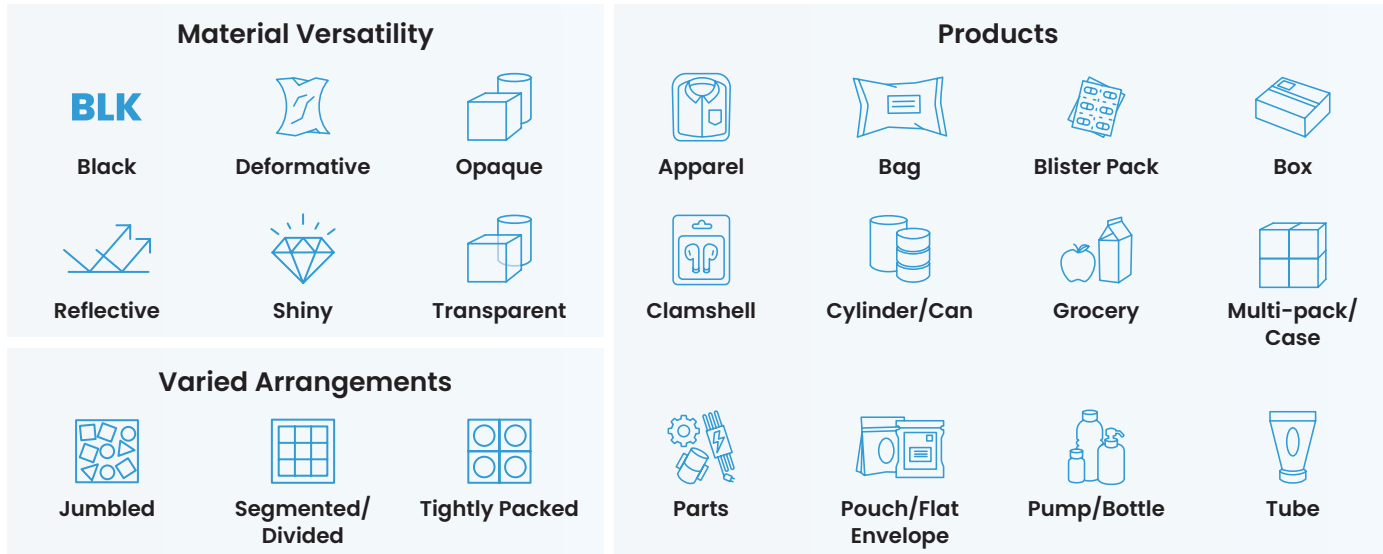


**OSARO® Robotic Depal System**
Mixed-case depalletization that optimizes warehouse workflow.



**OSARO® SightWorks™**
OSARO's AI-driven, machine learning vision software provides the foundation for all our products. OSARO SightWorks enables robots to see, perceive, and manage tasks previously done only by humans.

# OSARO robots can handle...

## Material Versatility

**BLK**
Black

Deformative

Opaque

Reflective

Shiny

Transparent

## Varied Arrangements

Jumbled

Segmented/ Divided

Tightly Packed

## Products

Apparel

Bag

Blister Pack

Box

Clamshell

Cylinder/Can

Grocery

Multi-pack/ Case

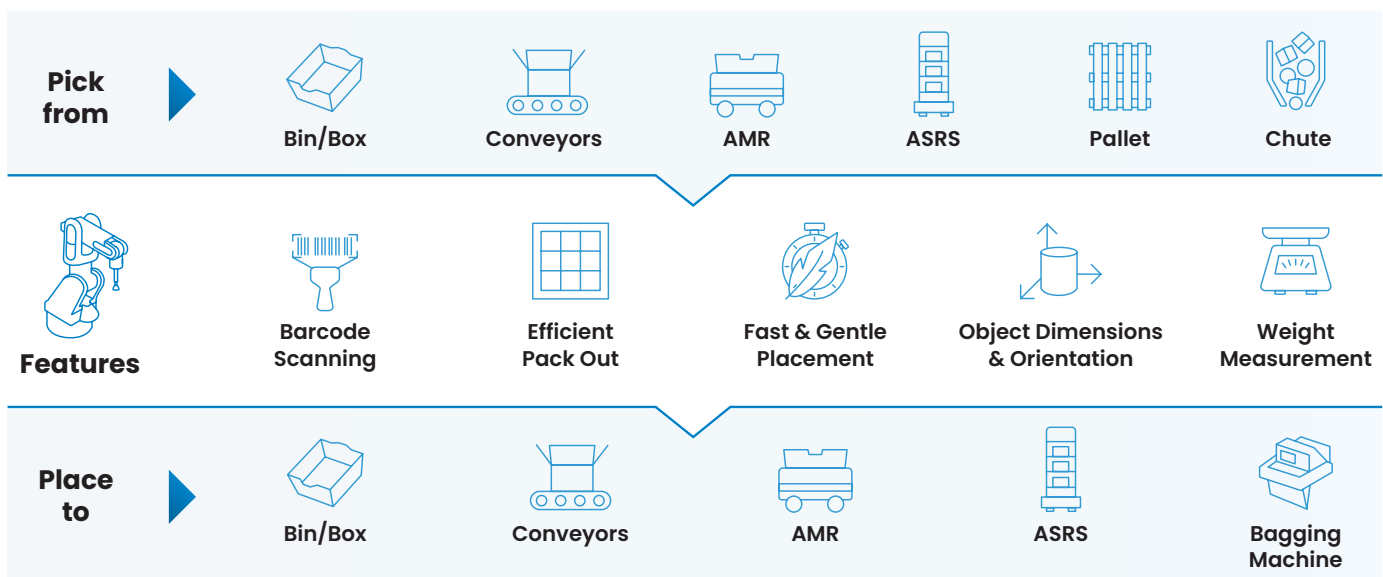Parts

Pouch/Flat Envelope

Pump/Bottle

Tube

# ...and perform multiple functions

- Piece picking
- Bagging
- Sorter induction
- Depalletization
- Kitting
- Decanting

# Integrate with OSARO Robotic Solutions

Our solutions integrate with a wide range of e-commerce systems, enabling fulfillment operations to automate previously manual tasks in both new and existing facilities.

**Pick from**
Bin/Box | Conveyors | AMR | ASRS | Pallet | Chute

**Features**
Barcode Scanning | Efficient Pack Out | Fast & Gentle Placement | Object Dimensions & Orientation | Weight Measurement

**Place to**
Bin/Box | Conveyors | AMR | ASRS | Bagging Machine

# The OSARO Difference
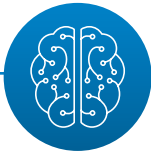
## Smarter Automation

OSARO uses deep learning vision software to enable advanced pick-and-place capabilities that are accurate, simple, and fast.

- Superior robot vision and perception for high SKU inventories
- Success rates exceeding 99.6%
- Seamless API integration
- Sophisticated control algorithms for smooth, reliable motion

## Low Risk

We offer a business approach that reduces risk with careful planning, pricing that operationalizes costs, and highly experienced field staff who guide customers through the complex process of integration.

- Upfront assessments
- Feasibility studies to ensure success before work begins
- Robot-as-a-Service plans lower risk by operationalizing costs, versus costly capital outlays

## Hypercare

We deliver a sustained Hypercare service program to meet customer needs from exploration through deployment. We collaborate to optimize performance for your specific operation.

- Performance monitoring
- Step-by-step testing
- Quarterly business reports
- Sustainability plan
- Specification support

## Find a custom solution for your operation.

Contact our Sales and Solutions team at sales@osaro.com