



Robotic Order Fulfillment

MULTIPLE ROBOTIC PICKING FUNCTIONS INTEGRATED INTO AN AUTOMATED SYSTEM

Robotic automation is mesmerizing to watch and interesting to talk about — the carefully choreographed movements, the steady flow of materials, the precision results of integrated technologies — all are intriguing to every level of automation enthusiast.

But ultimately what matters is the value it can bring to your order fulfillment operations. Dematic Robotics is leading the way in making robotic automation functional, practical, and profitable for your production or distribution facility. Dematic solutions incorporate industrial robots, advanced vision technologies, intelligent motion planning, and product controls to meet your unique requirements.

Benefits of Dematic Robotic Automation

- Increased order accuracy
- Reduced labor
- Optimized item storage and shipping
- Reliable system performance
- Fast ROI

MEETING YOUR NEEDS FIRST

In the face of shrinking labor pools and increasing wages, you are left with few options to meet critical business goals:

- Increase capacity
- Accelerate throughput
- Grow productivity
- Reduce the cost of ownership

Dematic solutions in robotic automation are aimed squarely at helping you achieve each of these goals.

DEMATIC VISION FOR ROBOTIC AUTOMATION

Dematic Robotics provides complete solutions for robotics automation — from individual workstations to entire receiving-to-shipping systems. We are uniquely capable as experts in the mechatronics and software necessary to connect a system and make it flow.

Dematic is ready **today** to meet your demands for the benefits that robotic order fulfillment can deliver.

DEMATIC ROBOTICS SOLUTIONS



RapidPick XT Eaches Picking Solution (Goods-to-Robot)

Benefits:

- Fast, accurate picking, with up to 20-25% more per shift than a human operator
- Replaces up to three operators per shift

Features:

- Picks random components from SKU (pure carton or tote)
- Puts to three order totes
- 1,100 picks per hour



Bin Replenishment Cell

Benefits:

- Fast, accurate bin replenishment and packing
- Optimized storage and shipping
- Supports easy, accurate automated picking
- Replaces up to three operators per shift

Features:

- Picks random components from carton, tote, chute, or table
- Decants items into compartmentalized bins with one item per compartment,
- 600 picks per hour
- Allows storage and retrieval in Dematic Multishuttle® or other machinery such as a mobile shelf system
- Two cells can be mirrored and share two or the four robots