

Case Study

How the HikRobot Q3 helped a global distribution brand improve their Goods-to-Person efficiency



The Challenge

Prior to implementing the Q3 Robots this global distribution brand were looking to solve several key blockers in one of their strategic distribution centres:



Low Work Efficiency



High Picking Error Rates



High Staffing Costs



Low Space Utilisation

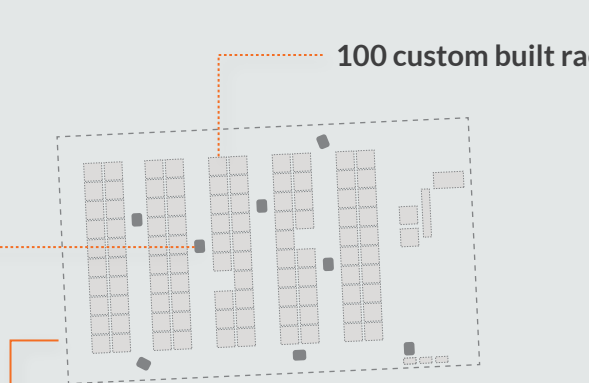
Picks weren't being completed in the most efficient order and because these efficiencies weren't being realized in the warehouse, leadership were unaware that their staffing costs were higher than necessary in a market where price competitiveness is key.

The Solution

10x Q3 Robots

100 custom built racks

Operating across a 200m² area



The Results



Picking speed for each employee increased by 400% with 99.9% accuracy



Overall inspection and picking capacity increased by 33%



Increased space utilization by 40%



Workstations reduced from 4 to 2



The number of workers reduced from 7-9 (4 people * 2 shifts) to 3~5 (2 person * 2 shifts)



The Benefits



Reduced inspection waiting time



Huge improvements to work efficiency and staffing costs



Picking error rates were significantly reduced



Significant improvements in space utilization

For more information or to book a visit to our Robotics Demonstration Centre, visit our website or click on one of the images below



Goods-to-Person



Q3 Robot



Custom Racking