

ROIM

OUP TECHNOLOGY YOUR PROFIT

Official partner integrator

Elevating Fulfillment





Challenges in Order Fulfilment

Dynamic market demands & skyrocketing customer expectations pose significant challenges for E-commerce, Retail & Express logistics companies



Large Volumes & Complex Order Profiles



Same-day Delivery Expectations



Warehousing Space Constraints



High Operational

We can solve it for you with ...



UnboxSort

Scalable, Adaptable & Rapid Parcel Sortation & Order Consolidation Powered by Swarm Intelligence Robotics

Reach your Customers Faster

with blazing-fast operations that adapt to your business needs

Easy integration in your Warehouse **Operations**

enabling you to achieve high throughputs



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https://roim.pl/

ROIM

TAKING FULFILLMENT TO THE NEXT LEVEL

MORE THAN

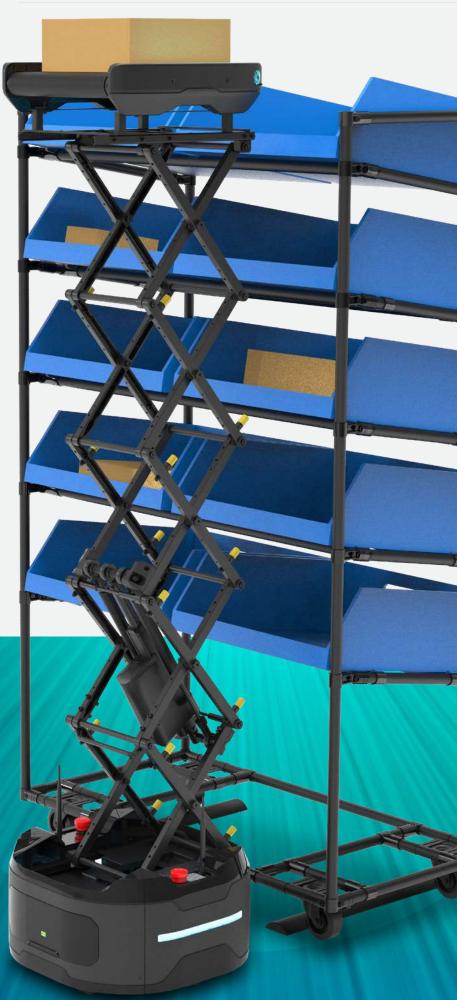
3 X PRODUCTIVITY

99.99 SORTING ACCURACY

GREATER THAN

SPACE
EFFICIENCY

LESS THAN WEEKS INSTALLATION TIME





THE UNBOX TECHSTACK FOR INTELLIGENT SORTATION

MULTI ROBOT CONTROL-SOFTWARE



SWARM INTELLIGENCE MODULE

Ensures the least number of robots do maximum work by continuously optimizing the robot's path and traffic



DYNAMIC BINNING MODULE

Performs active load balancing on the go to maintain system productivity despite the load fluctuations





MOBILE ROBOTS

Robots work in compact spaces to sort items/packages vertically in Smart Racks



SMART RACKS

Smart Racks hold the parcel bags/bins and can be moved and added easily on-demand

ROBOTS & SMART RACKS



INTELLIGENT VISIBILITY

OF YOUR OPERATIONS



Optimized
Traffic Management



End-to-end Visibility of Operations



Insightful MIS & Dashboards



CONFIGURABLE LAYOUTS

AS PER YOUR BUSINESS NEEDS



Customisable Smart Racks



Easy integration in your current warehouse operations



Scalable Models from 2000pph* to 20000pph*



Modular Designs that help in increasing capacity as per business needs

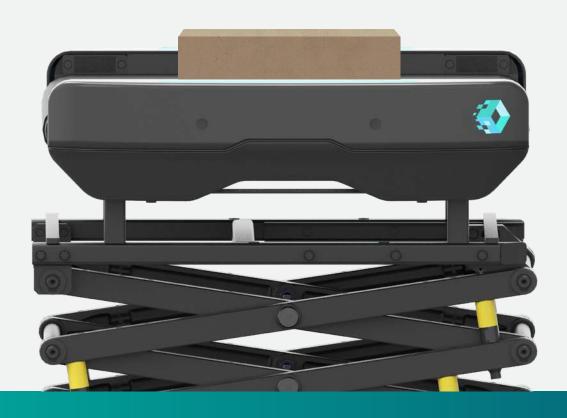
OUR TECHNOLOGY YOUR PROFIT





A COMPREHENSIVE SOLUTION YOU CAN TRUST

A solution that encompasses deployment, training, maintenance, and 24*7 support.



ALWAYS ON, MINIMAL DOWNTIME

Deploy our modular design in a matter of weeks. Units need minimal maintenance and charge time to ensure your business is always on.

FLEXIBLE & INTELLIGENT SORTING SOLUTIONS

FOR DIFFERENT INDUSTRIES

CASE STUDIES

SORTING SYSTEM FOR A LEADING 3PL COMPANY



Industry		3PL
Process Type		Forward Sorting
Throughput		2000pph*
Destinations	-	180
No. of Robots		23
Area (Sq. ft.)	_	2073

REVERSE/RETURN SORTING FOR A LEADING 3PL BRAND

Industry	3PL
Process Type	Reverse/Return Sorting
Throughput	1800 Items/hr
Destinations	96
No. of Robots	20
Area (Sq. ft.)	1500



SORTING SYSTEM FOR A LEADING E-COMMERCE BRAND



Industry	-	E-commerce
Process Type	-	Forward Sorting
Throughput		8000pph*
Destinations		156
No. of Robots		90
Area (Sq. ft.)	-	6432

ORDER CONSOLIDATION FOR A FAST-MOVING FASHION E-COMMERCE BRAND

Industry	-	Fashion E-commerce
Process Type		Order Consolidation
Throughput	-	2500 Items/hr
Destinations	-	966
No. of Robots	-	41
Area (Sq. ft.)	-	3721



ROIM





On top of your operations, every order, every parcel



Scale up as your business evolves





Space Efficient Systems



Maximize Revenue & Profits



Go Live in



ROIM Sp. z o.o.

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