



**UNBOX**  
ROBOTICS

# UnboxSort

Elevating Fulfillment



PARCEL SORTATION | ORDER CONSOLIDATION

# 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 Costs

▶ 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

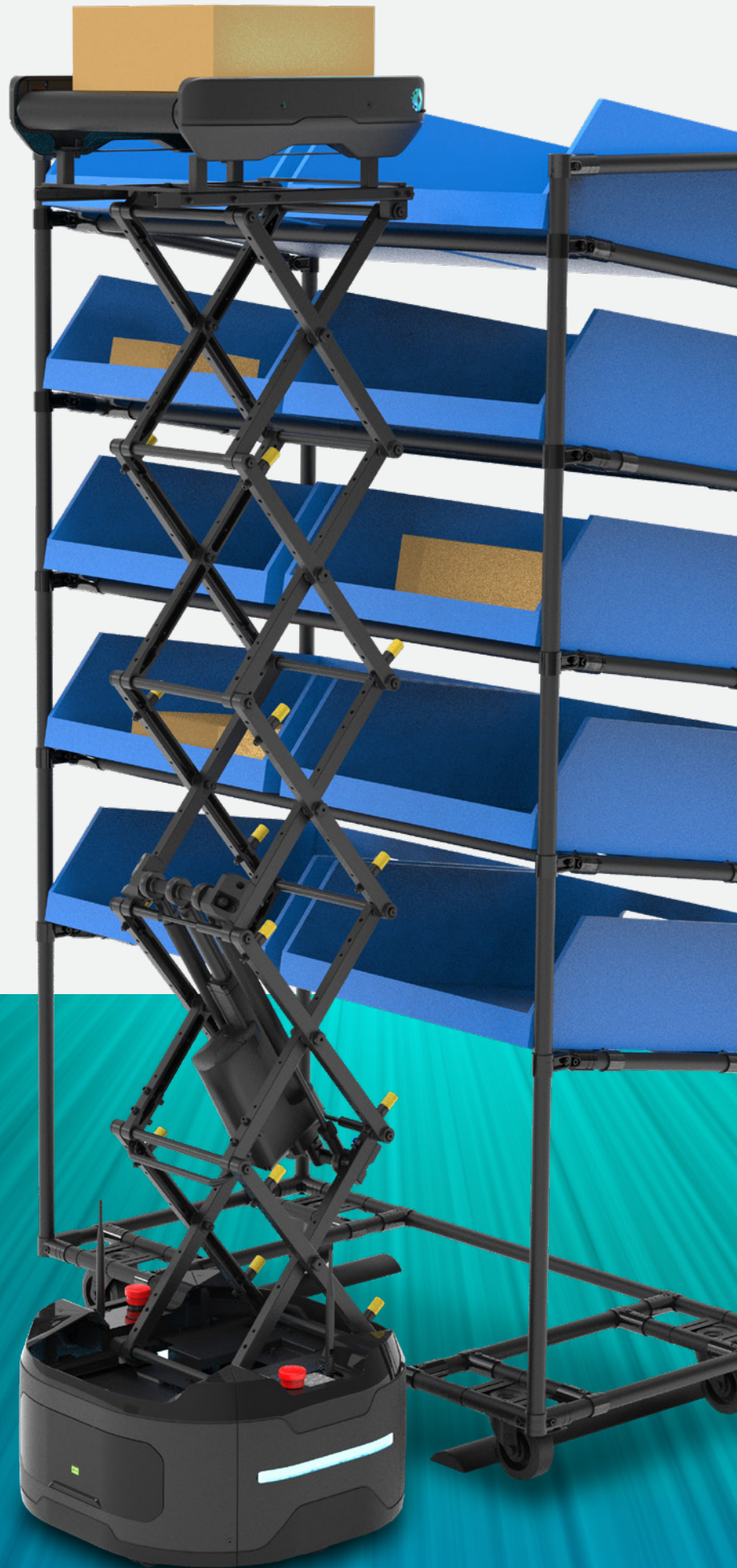
enabling you to achieve high throughputs



### Attractive RaaS Models

to help businesses of all sizes to scale up as demand grows

TAKING FULFILLMENT TO  
THE NEXT LEVEL



MORE THAN  
**3X** PRODUCTIVITY

**99.99%** SORTING  
ACCURACY

GREATER THAN  
**2X** SPACE  
EFFICIENCY

LESS THAN  
**2** 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

\*(pph- packages per hour)



## 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

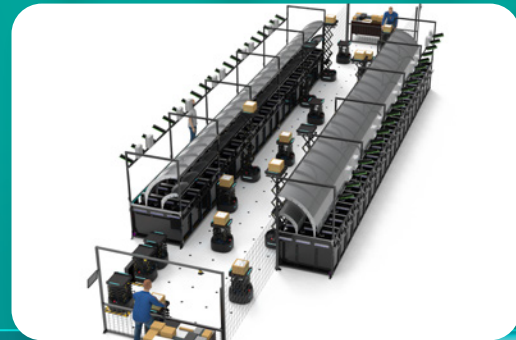
### SORTING SYSTEM FOR A LEADING 3PL COMPANY



|                |   |                 |
|----------------|---|-----------------|
| 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                |



\*(pph - packages per hour)



Reach your customers faster



On top of your operations, every order, every parcel



Scale up as your business evolves



Space Efficient Systems



Maximize Revenue & Profits



Go Live in <2 Weeks



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