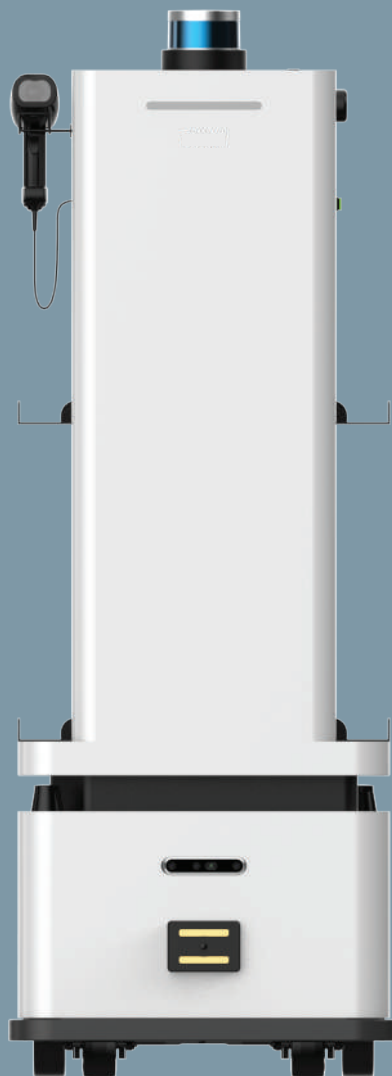


TWINNY SORTING SOLUTION

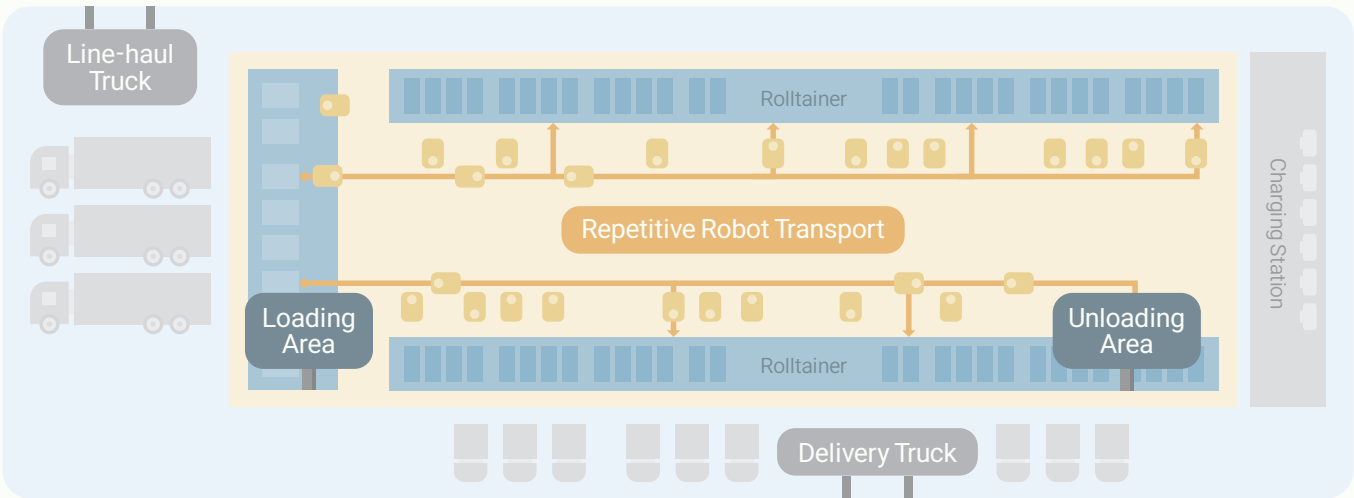
Autonomous Mobile Robot-Based
Automated Sorting & Transport Solution



TWINNY, a Specialist in Autonomous Logistics Robots

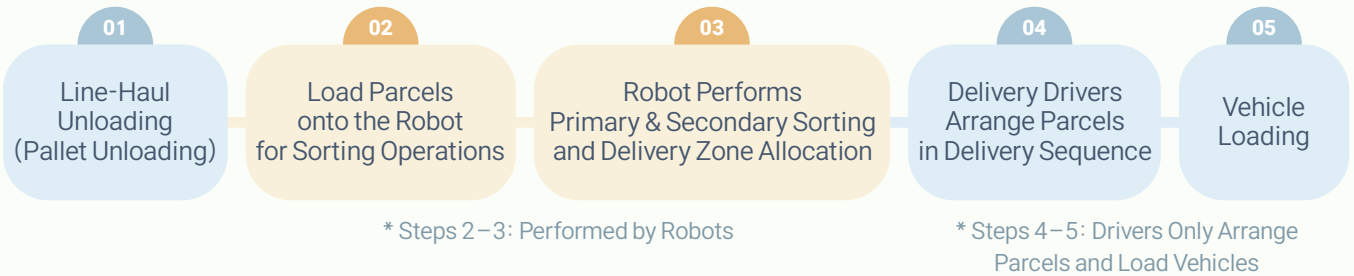
Sorting Solution

A logistics sorting solution that uses autonomous robots to automatically sort and transport inbound cargo, loading parcels into designated roll containers for each delivery zone.



Sorting Scenario

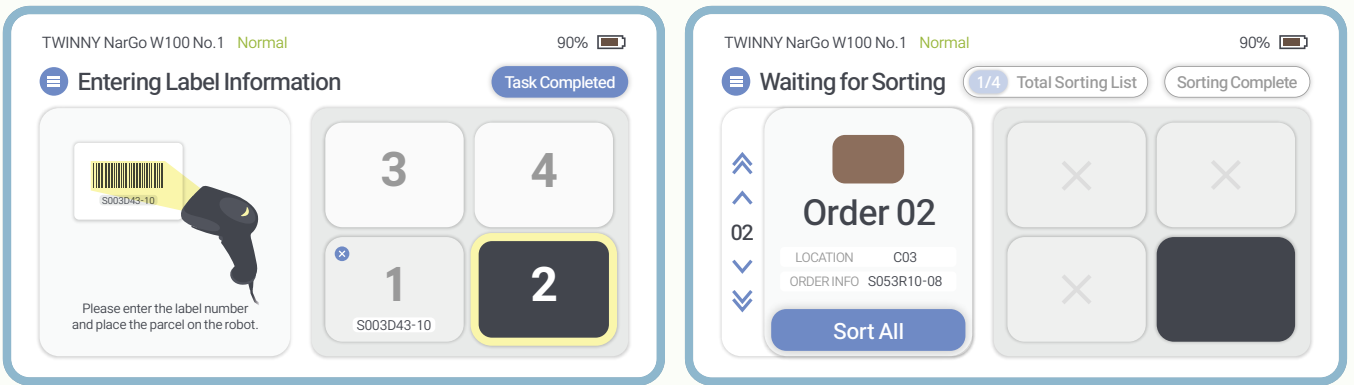
Automates parcel movement through real-time sorting of same-day and early-morning deliveries by destination zone.



User Interface

Using DaruGo, TWINNY's proprietary logistics operation platform, operators can conveniently and accurately perform tasks ranging from barcode-based waybill scanning to parcel sorting and robot dispatch to loading areas.

* Concept image



Implementation Benefits



Are repetitive sorting and transport tasks increasing workforce management burdens?



Is productivity declining due to workers' repetitive movement?



Is it difficult to respond flexibly to fluctuations in parcel volume and delivery zone changes?

01

Immediate Deployment Without Infrastructure Changes

Fully autonomous navigation technology enables immediate deployment in both existing and new distribution centers.

02

Zero Initial Cost with Rental Plans

Rapid deployment and operation without the burden of upfront investment.

03

Automated Sorting Operations & Maximized Efficiency

Maximize logistics efficiency by automating sorting, distribution, and loading operations with robots.

04

Adaptability to Volume Fluctuations

Stable operation during peak volume periods minimizes bottlenecks and delays.

05

Flexible Installation Structure

Compared to fixed conveyor systems, robots can be easily relocated and redeployed, maximizing space utilization.

06

Enhanced Workforce Focus

Minimize sorting tasks for delivery drivers, allowing them to focus on delivery preparation and execution.

NarGoW100

TWINNY's autonomous logistics robot that automates sorting and transport operations within distribution centers.



Customized BI Wrapping Design

Customizable Cargo Rack for Various Parcel Box Sizes

Detailed Specifications

Basic Specifications

Size	696 x 546 x 1,509 mm
Shelf Size	500 x 509 mm
Safety Device	3D LiDAR, 2D LiDAR, Bumper

Payload	100 kg
Speed	Max. 1.5 m/s
Network	Wi-Fi, LTE

Battery Performance

Battery	29.4 V, 54 Ah
Charging Hours	Under 3hours
Operating Hours	Max. 8hours

TWINNY Co., Ltd.



Website



Youtube

Strong Intellectual Property (IP) Portfolio
Driven by Proprietary Autonomous Navigation Technology



Autonomous Mobile Robot Solutions
Proven Across Diverse Industrial Environments



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Product Inquiries | +82.42.866.8232

Address 90, Gajeongbuk-ro, Yuseong-gu, Daejeon, South Korea
Established August 27, 2015
Main Products Autonomous Logistics Robots
(NarGoW100, NarGoF300, NarGoF600, DaruGo)