

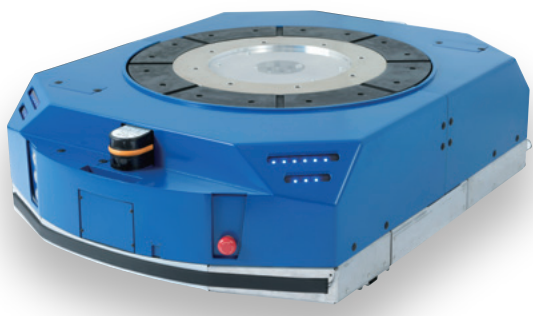
The First-Ever Automated Delivery Robot in Japan!

# TAKUMI's "TiTra Series"

**GRID Type** Autonomous Delivery Robot

## TiTra G

TAKUMI's robots can be fully customized in accordance to the purpose and needs of all users.



Maximum Load	500kg Type	1000kg Type
Image		
Vehicle Weight*2	240kg	500kg
Vehicle Dimension (mm)*2	1050(L)x735(W)x290(H)	1300(L)x940(W)x350(H)
Power Voltage	DC24V/48V Lithium-Ion batteries	DC48V Lithium-Ion batteries
Self Positioning Recognition	GRID Type	
Maneuvering Controls	Two-wheel speed differential controls	
Mobility Functions	Forward motion, spin turn*1	
Running Speed	5m/min ~ 120m/min	
Braking Accuracy	±10mm	
Communication Functions	Wi-Fi wireless communication	

\*1 Moves backwards when detaching from the charging dock.  
\*2 Weight and dimensions are subject to change.

**SLAM Type** Autonomous Delivery Robot

## TiTra S

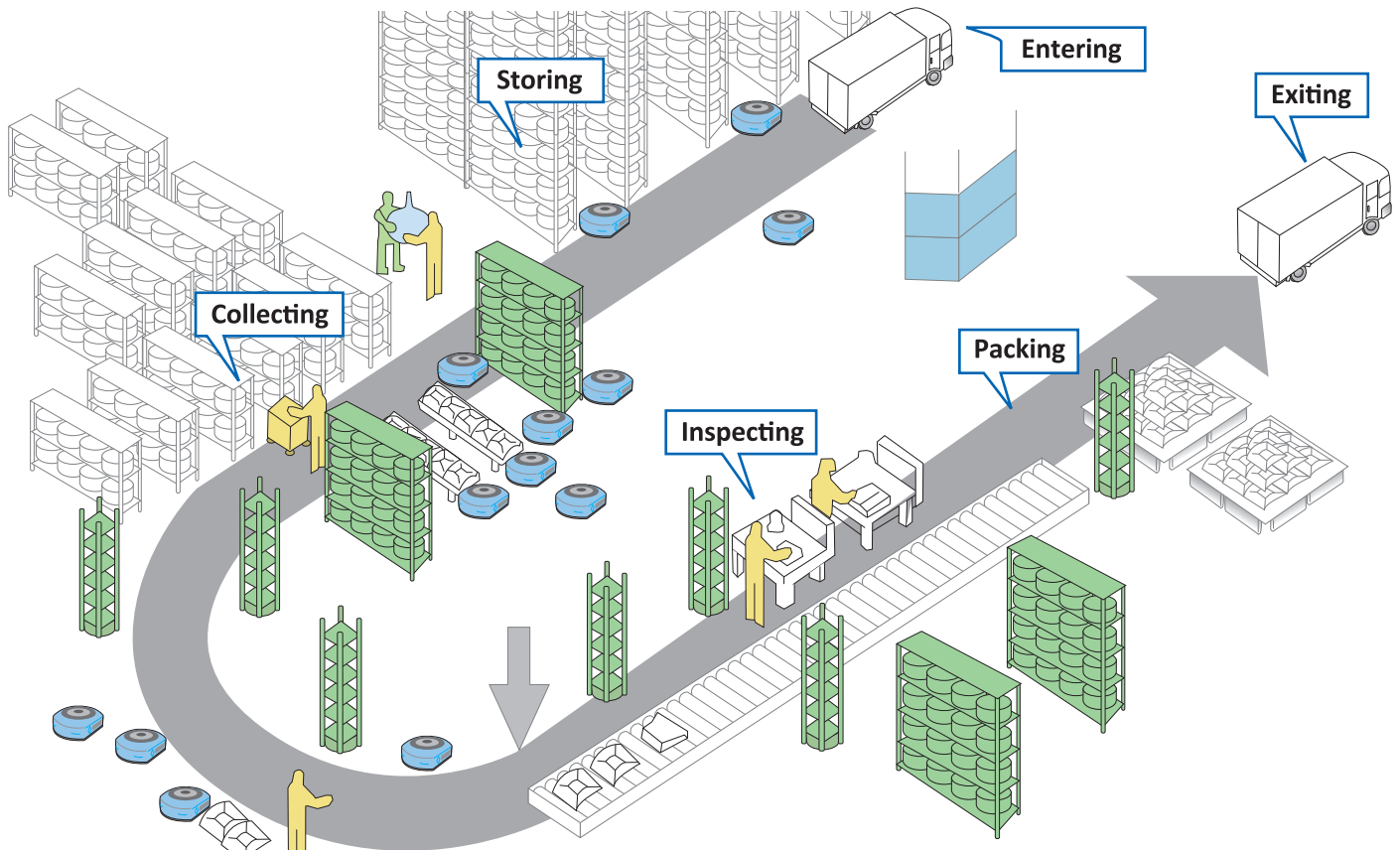
TAKUMI's robots can be fully customized in accordance to the purpose and needs of all users.



Maximum Load	100kg Type
Image	
Vehicle Weight*2	65kg
Vehicle Dimension (mm)*2	680(L)x475(W)x1100(H)
Power Voltage	DC24V Lithium-Ion batteries
Self Positioning Recognition	SLAM Type
Maneuvering Controls	Two-wheel speed differential controls
Mobility Functions	Forward motion, spin turn*1
Running Speed	60m/min ~ 120m/min
Braking Accuracy	±50mm
Communication Functions	Wi-Fi wireless communication

\*1 Moves backwards when detaching from the charging dock.  
\*2 Weight and dimensions are subject to change.  
\*3 The photo is an exhibition model. Actual product may vary.

# Operational Image



# System Configuration

