

The First-Ever Automated Delivery Robot in Japan!




TAKUMI's "TA Series"

GRID Type Autonomous Delivery Robot

TA-G 500/800/1000

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



Model Type	TA-G500	TA-G800	TA-G1000
Image			
Vehicle Weight*2	200kg	450kg	500kg
Vehicle Dimension (mm)*2	1050(L)x750(W)x290(H)	1100(L)x900(W)x350(H)	1300(L)x940(W)x350(H)
Power Voltage	DC24V/48V Lithium-Ion batteries		DC48V Lithium-Ion batteries
Maximum Load	500kg	800kg	1000kg
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		
Transfer Mechanisms	Flaps, roller conveyors, lifters, etc.		


*1 Moves backwards when detaching from the charging dock.

*2 Weight and dimensions are subject to change.

SLAM Type Autonomous Delivery Robot

TA-A 50/300/500

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

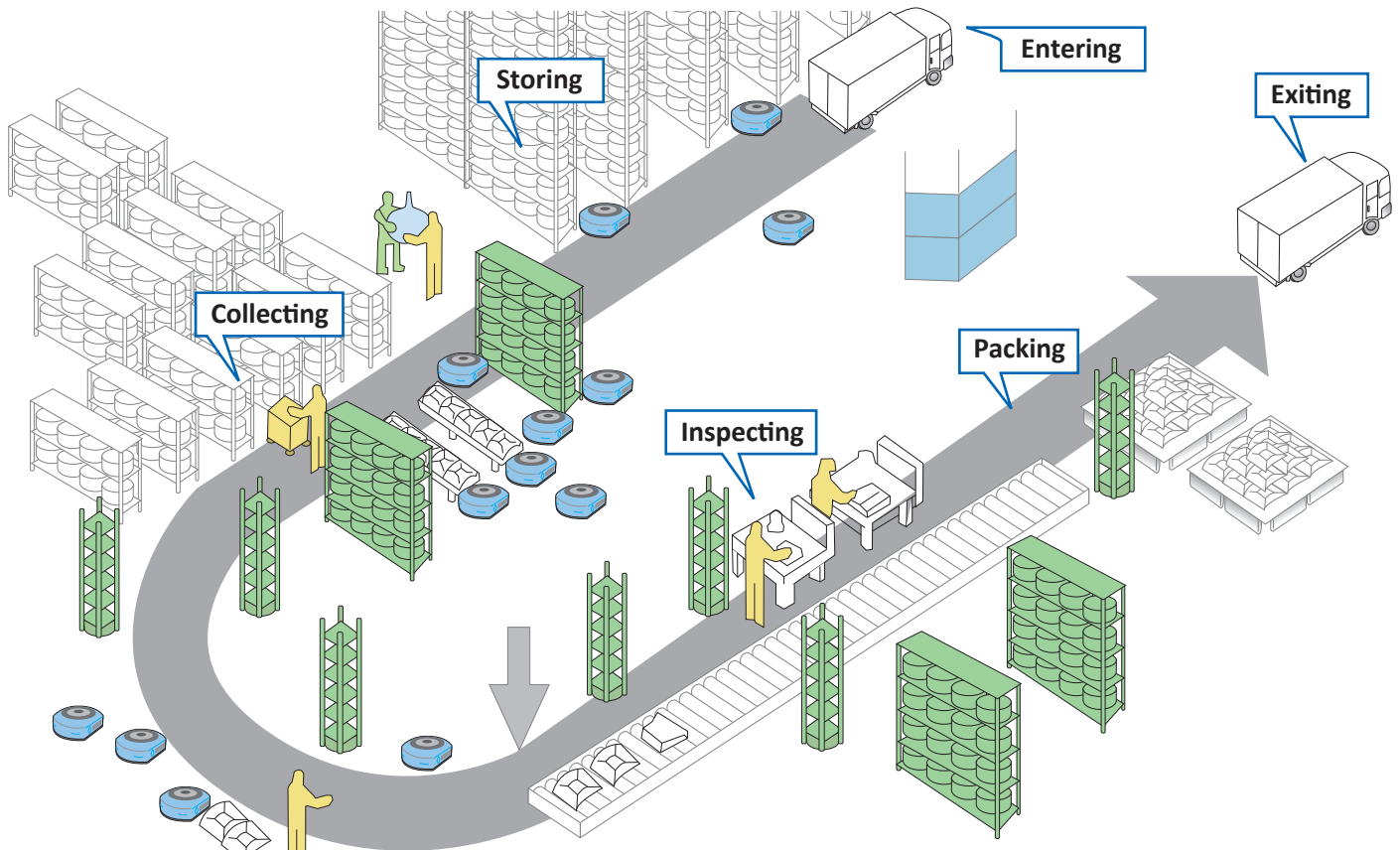
Model Type	TA-A50	TA-A300	TA-A500
Image		<i>coming soon</i>	<i>coming soon</i>
Vehicle Weight*2	50kg	130kg	200kg
Vehicle Dimension (mm)*2	640(L)x500(W)x400(H)	850(L)x700(W)x280(H)	1050(L)x750(W)x290(H)
Power Voltage	DC24V Lithium-Ion batteries	DC24V/48V Lithium-Ion batteries	
Maximum Load	50kg	300kg	500kg
Self Positioning Recognition	SLAM Type		
Maneuvering Controls	Two-wheel speed differential controls		
Mobility Functions	Forward motion, spin turn*1		
Running Speed	5m/min ~ 120m/min		
Braking Accuracy	±50mm		
Communication Functions	Wi-Fi wireless communication		
Transfer Mechanisms	Flaps, roller conveyors, lifters, etc.		

*1 Moves backwards when detaching from the charging dock.

*2 Weight and dimensions are subject to change.



Operational Image



System Configuration

