

# Performs well in the medical field!

A high-functioning delivery robot installed with security functions for safe and secure transportation



**T2**

Drawers on the cart are available in a variety of types, and are fully equipped with security functions for opening and closing with fingerprint recognition or security passwords. Robot can safely and securely transport important items such as drugs and specimen samples.



**T2.5**

Equipped with lifter to lift trolleys and shelves. Maximum load of 450kg for easy transportation of heavy items such as linens and prepared meals.

Model Type	TUG-T2	TUG-T2.5
Vehicle Weight	124kg	100kg
Vehicle Dimension (mm)	860(L)x570(W)x1210(H)	1140(L)x570(W)x1210(H)
Power Voltage	DC24V (Lead-based battery)	
Maximum Load	200kg	450kg
Mobility Functions	Forward / Back / Turn	
Running Speed	2.7km/h (45m/min)	
Minimum Turning Radius	585mm	810mm
Braking Accuracy	±20mm	
Uphill Climbing Capacity	1/12 (4.76 degrees)	
Self Positioning Recognition	Distance measuring using 2D laser scanners and pulse sensor	
Driving System	Forward two-wheel drive	
Maneuvering System	Two-wheel speed differential controls	
Communication Functions	Wi-Fi wireless communication system / 900MHz dedicated communication system	
Charging Function	Automated charging system	

# Performs well in the industrial field!

A high-functioning delivery robot on omni-wheel that runs smoothly in all directions



## T3

In addition to all-directional mobility with the omni-wheel, the rear lasers can sense trolleys. The robot can load and unload trolleys autonomously without manual support. Load goods on trolley and provide an order for easy shipment.

## T3 XL

Now Available: A longer body model with a maximum load of roughly 1.5 times than that of a standard T3 Model, with the lifter length of roughly 1.3 times that of a T3 Model. Delivers more volume of goods with stronger power.

Model Type	TUG-T3	TUG-T3 XL
Vehicle Weight	150kg	173kg
Vehicle Dimension (mm)	1170(L)x570(W)x1230(H)	1490(L)x570(W)x1230(H)
Power Voltage	DC24V (Lead-based battery)	
Maximum Load	450kg	645kg
Mobility Functions	All-Direction Mobility	
Running Speed	2.7km/h (45m/min)	
Minimum Turning Radius	635mm	790mm
Braking Accuracy	±20mm	
Uphill Climbing Capacity	1/12 (4.76 degrees)	
Self Positioning Recognition	Distance measuring using 2D laser scanners and pulse sensor	
Driving System	Four-wheel omni wheel	
Maneuvering System	Four-wheel speed differential controls	
Communication Functions	Wi-Fi wireless communication system / 900MHz dedicated communication system	
Charging Function	Automated charging system	