

# PUDU T600 Series

Heavy-payload Industrial Delivery Robot



**600 kg (1322.77lbs)**  
Payload Capacity



**Flexible Pallet & Rack Operations**



**Rack Group Recognition**



**Efficient & Flexible Scheduling System**



**Support VDA5050 Protocol**



**Complies with ISO 3691-4**



## Supports Larger Racks and Pallet Handling

Enabling more flexible warehouse layouts, reducing multiple handling operations, and significantly improving efficiency.



## 600 KG (1322.77lbs) Payload Capacity

With a 600 KG (1322.77lbs) payload capacity, the T600 is built for heavy-payload material transport, greatly reducing delivery frequency and improving efficiency per trip.



## Efficient & Flexible Scheduling System

A more efficient, flexible, and configurable distributed scheduling system that enables multi-device coordination, minimizes waiting and congestion, and significantly enhances overall operational efficiency.



## Rack Group Recognition

Powered by advanced navigation and perception systems, the T600 series intelligently identifies target storage locations and autonomously performs pick-and-place operations.



## Support VDA5050 Protocol

Compatible with the VDA5050 standard communication protocol, enabling collaborative scheduling with other compliant robots and systems.



## Complies with ISO 3691-4 Industrial Safety Certification Standard



## Specifications

Name	PUDU T600	PUDU T600 Underride
Dimensions	960 mm * 500 mm * 1350 mm (37.8 in * 19.7 in * 53.1 in)	845 mm * 500 mm * 255 mm (33.3 in * 19.7 in * 10.0 in)
Weight	112 KG / 247 lbs	94 KG / 208 lbs
Maximum load	600 KG (1322 lbs)	600 KG (1322 lbs)
Battery Capacity	30 AH	30 AH
Charging Time	2 H (from 0% to 90%)	2 H (from 0% to 90%)
Run-time	12 H (none load)	12 H (none load)
Cruise Speed	0.2~1.2 m/s (0.67~3.94 ft/s)	0.2~1.2 m/s (0.67~3.94 ft/s)
Navigation Method	VSLAM + LiDAR SLAM	LiDAR SLAM only
Minimum Passability	70 cm (27.6 in)	65 cm (25.6 in)
Max. surmountable height	10mm (0.39 in)	10mm (0.39 in)
Max. surmountable gap	35 mm (1.38 in)	35 mm (1.38 in)
Operating Environment	0°C ~ 40°C (32°F ~ 104°F)	0°C ~ 40°C (32°F ~ 104°F)



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