

# PUDU T300 <sup>Series</sup>

Industrial Delivery Robot



300kg Load Capacity



Flexible VSLAM+ Deployment



60cm Superior Mobility



Diversified Application Series



7/24 Non-stop Operation



ISO 3691-4 Standard

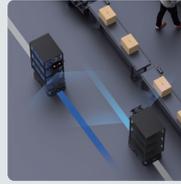


## VSLAM+ for Rapid Deployment Across Vast Venues

This allows the PUDU T300 to quickly adapt to changes in production layouts without the need for time-consuming reconfiguration or facility remodeling.



## Auto & Semi-auto Delivery Modes



Auto-delivery Mode



Power-assist Mode



Follow Mode

## 24/7 Non-stop Operations

Equipped with three charging options—wired Charging, auto Recharging, fast battery swapping—to ensure uninterrupted operation and meet round-the-clock operational demands.



## IOT Capabilities

Equipped with expansive IoT capabilities, PUDU T300 supports elevator control, e-gate access, and various other smart connectivity solutions. Featuring multiple remote calling functions such as pagers and app-based calling.



## Exceptional Mobility

Boasting an exceptional 60cm path clearance, the T300 ensures agile maneuverability in narrow human-robot cohabited spaces, effortlessly overcoming 20mm thresholds and 35mm grooves



## Versatile Application Series

The diversified application series significantly enhances the robot's adaptability and versatility, thereby increasing operational efficiency and simplifying procedures, ensuring a more efficient, smooth, and seamless delivery process.



PUDU T300 Conveyor



PUDU T300 Tray



PUDU T300 Lifting



PUDU T300 Towing

Category	Standard Version	Tray Version	Lifting Version	Towing Version	T300 Conveyor	Single Layer	Double Layer
Machine Dimensions	835×500×1350 mm (32.87×19.69×53.15 in)				Machine Dimensions	Front/Rear: 835×665×1350 mm (32.87×26.18×53.15 in) Left/Right: 835×650×1350 mm (32.87×25.59×53.15 in)	
Machine Weight	65 kg (143.30 lbs)	103 kg (227.08 lbs)	81 kg (178.57 lbs)	90kg (198.42 lbs)	Machine Weight	120 kg (264.55 lbs)	180 kg (396.83 lbs)
Loading Capacity	300 kg (661.39 lbs)			400 kg (881.85 lbs) 200 kg (440.92 lbs) Counterweight	Path Clearance	75 cm (29.53 in)	
Cruise Speed	0.2-1.2 m/s (0.66-3.94 ft/s)			0.2-0.8 m/s (0.66-2.62 ft/s)	Max. Speed	1.2 m/s (3.94 ft/s)	
Threshold Overcoming Height	20 mm (0.79 in)			5 mm (0.20 in)	Docking Accuracy	±10 mm (±0.39 in) , ±1°	
Path Clearance	60 cm (23.62 in)			Determined by load size	Run-time(None load)	12 h	10 h
Groove Crossing Width	35 mm (1.38 in)				Run-time(Full load)	10 h	8 h
Battery Capacity	30 AH				Charging Time	2h (0 to 90%)	
Charging Time	2 h (0% to 90%)				Number of Layer	1	2
Run-time	12 h (none load)				Rated Load per Layer	80 kg / layer (176.37 lbs / layer)	
Navigation Methods	LiDAR SLAM+ Marker + VSLAM				Conveyor Depth	650 mm (25.59 in)	
Charging Methods	Wired Charging & Auto Recharging & Fast battery swapping				Conveyor Width	120-540 mm (4.72-21.26 in) adjustable	
					Conveyor Height	Ground clearance ≥ 305 mm (12.01 in)	



Pudu Robotics

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