

ROBOTIX MARKET

SERIES BROCHURE
2026 edition



PUDU · INDUSTRIAL DELIVERY ROBOTS
· ROBOTIX MARKET

T300 - T600

T300, T600 and T600
Underride: PUDU's industrial
delivery robots

Up to 600 kg per trip between
production lines, inspection points and
storage, across floors and through doors.



Available worldwide from Robotix Market
robotixmarket.com

Industrial delivery in three sizes

PUDU's T-series robots move materials between production lines, inspection points and warehouses, and adapt to layout changes without modifying the facility. The T300 carries 300 kg on a flat deck; PUDU also builds it in Tray, Lifting, Towing and Conveyor versions. The T600 series carries 600 kg as the upright T600 or the 255 mm-high T600 Underride. All three share the same battery, charging and building integration.

One family, three bodies

The T300 carries up to 300 kg on a flat deck. The T600 series carries 600 kg: the T600 on an upright body with screen and handle, the T600 Underride on a 255 mm chassis that drives under racks and lifts them from the centre.

Moves between floors

Elevator control, e-gates and automatic doors, pager and app calling on all three; the T600 series also gives priority to idle elevators in multi-elevator buildings.

Safe among people

Front and rear LiDAR, depth cameras, a collision bumper and emergency stops (3 on the T300 and T600, 2 on the Underride). The T600 projects its path onto the floor; the T300 recognises yellow floor lines.

Finds its own way

LiDAR SLAM on every model, fused with PUDU's visual VSLAM on the T300 and T600, positions to ± 10 mm and $\pm 1^\circ$. The robots adapt to layout changes without modifying the facility.

Runs around the clock

Automatic recharging, wired charging or a fast battery swap on every model: 2 hours to 90 % and 12 hours of operation without load.

Scales to a fleet

The Pudu Link app on every model; distributed or centralised scheduling on the T300; configurable distributed scheduling, VDA 5050 and on-premises deployment on the T600 series.


300–600 kg

PAYLOAD

1.2 m/s

TOP SPEED

 ± 10 mm

POSITIONING

12 h

WITHOUT LOAD

2 h

TO 90 % CHARGE

Which model?

CHOSEN BY LOAD, BODY AND THE WAY IT IS LOADED



T300

Standard version, 300 kg

- Flat deck; Tray, Lifting, Towing and Conveyor versions too
- VSLAM + LiDAR, aisles from 60 cm
- Touchscreen, power assist, follow mode



T600

Upright, 600 kg

- 60 mm lifting deck
- Screen; runs without central control
- Power-assist handle, ground projection



T600 Underride

Under-ride chassis, 600 kg

- 255 mm high; lifts racks from the centre
- LiDAR SLAM, aisles from 65 cm
- No screen: app, pager and scheduling

T300 · T600 · T600 Underride compared

	T300 Standard version · 300 kg	T600 Upright · 600 kg	T600 Underride Under-ride chassis · 600 kg
BODY			
Model number	WTID01	WTIDL2	WTIDU2
Dimensions (L × W × H)	835 × 500 × 1350 mm	960 × 500 × 1350 mm	845 × 500 × 255 mm
Net weight	65 kg	112 kg	94 kg
Build	Mast, touchscreen and handles; flat deck	Mast, screen and handle; lifting deck	Ultra-low chassis; lifts racks from the centre
Chassis · ground clearance	241 mm · 30 mm	255 mm · 30 mm	255 mm · 30 mm
LOAD			
Maximum load	300 kg	600 kg	600 kg
Max. load surface	1200 × 1000 × 1100 mm	1200 × 1000 × 1100 mm	1200 × 1200 × 1600 mm
Lifting height	— (Lifting version: 60 mm)	60 mm	60 mm
MOTION, NAVIGATION AND RUN TIME			
Navigation	VSLAM + LiDAR SLAM	VSLAM + LiDAR SLAM	LiDAR SLAM
Minimum path width	≥ 60 cm	70 cm	65 cm
Threshold · gap · slope	20 mm · 35 mm · 5°	10 mm · 35 mm · 5°	10 mm · 35 mm · 5°
Run time, empty / full	12 h / 8 h	12 h / 6 h*	12 h / 6 h*
SENSORS AND SAFETY			
Cameras	Upward + downward RGBD, RGB	Upward + downward RGBD, RGB	Two downward RGBD
Emergency stop switches	3	3	2
Obstacles	Low and overhanging; yellow floor lines	Steers around low obstacles	Steers around low obstacles
Ground projection	—	Warning line ahead	—
Fire or earthquake alarm	—	Stops at a safe spot	Stops at a safe spot
OPERATION			
Screen · loudspeakers	10.1" touchscreen · 2 × 10 W	10.1" screen · 2 × 10 W	— · 2 × 10 W
Pushing by hand	Electric power assist	Power-assist switch	—
Follow mode	Yes	—	—
Operating temperature	Not published	0–40 °C	0–40 °C
INTEGRATION			
Elevators	Elevator control	Control + idle-elevator priority	Control + idle-elevator priority
App · scheduling	Pudu Link · distributed or central	Pudu Link · configurable, distributed	Pudu Link · configurable, distributed
VDA 5050 · on-premises	—	Supported	Supported
Rack group recognition	—	Yes	Yes
PUDU modules	Pallet, Lifting Rack, Towing, Conveyor, Reflector Post	Lifting Rack, Reflector Post	Lifting Rack, Reflector Post

— means the model does not have the feature, or PUDU does not publish it for that model. * From PUDU's 2026 industrial product brochure; the T600 series flyer gives no full-load figure. Speed, positioning accuracy, battery, charging, LiDAR and building access are the same on all three models: see page 4.

Sources: PUDU T300 product flyer (March 2025), PUDU T600 series product flyer (July 2025), PUDU industrial product brochure (April 2026) and the T300 and T600 series pages on pudurobotics.com, read September 2026. Figures are the manufacturer's; where a value is not published it is marked rather than estimated.

One platform, three ways to carry

Drawn to scale: the T300 and T600 stand 1350 mm high, the T600 Underride 255 mm. Underneath, all three run on the same drive, battery and building integration.



T300

Standard version · 300 kg

- 835 × 500 × 1350 mm, 65 kg
- 300 kg on a flat deck; PUDU also builds Tray, Lifting, Towing and Conveyor versions
- VSLAM + LiDAR SLAM; aisles from 60 cm, 20 mm thresholds
- 10.1" touchscreen, power-assisted pushing and follow mode
- 3 emergency stop switches



T600

Upright · 600 kg

- 960 × 500 × 1350 mm, 112 kg
- 600 kg on a lifting deck that raises 60 mm
- VSLAM + LiDAR SLAM; aisles from 70 cm, 10 mm thresholds
- 10.1" screen: runs without a central control system; handle power-assist switch
- Projects its path onto the floor; 3 emergency stop switches



T600 Underride

Under-ride chassis · 600 kg

- 845 × 500 × 255 mm, 94 kg
- Drives under a rack or shelf and lifts 600 kg from the centre, 60 mm
- LiDAR SLAM; aisles from 65 cm, 10 mm thresholds
- No screen: called and managed through the Pudu Link app, pager and scheduling
- 2 emergency stop switches

Shared by all three

THE SAME PLATFORM UNDER EVERY BODY

Speed

Up to 1.2 m/s on dual-wheel differential drive

Accuracy

Positions to ±10 mm and ±1°

Floors and ramps

Crosses 35 mm gaps and climbs 5°

Battery

Lithium iron phosphate, 29.2 V, 30 Ah

Run time

12 h without load; at full load 8 h (T300), 6 h (T600 series)

Charging

2 h to 90 %: automatic recharging, wired charging or a battery swap

Safety

Front and rear 2D LiDAR, collision bumper, status indicators

Building access

Elevators, e-gates, automatic doors, pager and app calling

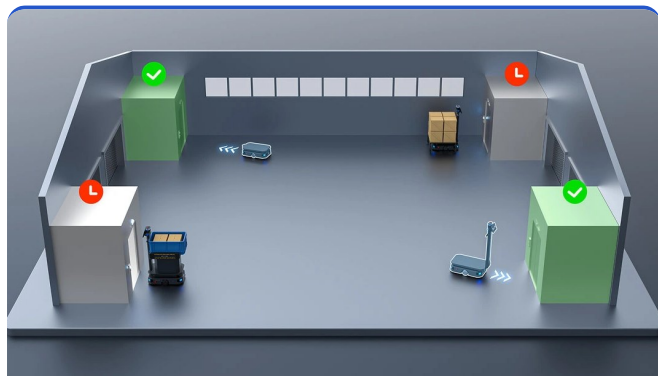
HIGHLIGHTS

Built for busy floors



Safe among people

Front and rear LiDAR, depth cameras and a collision bumper on every model; the T600 series detects low obstacles and steers around them. Shown: T600 and T600 Underride.



Elevators and doors (all three)

Elevator control, e-gates and automatic doors, with calls by pager or app. In multi-elevator buildings the T600 series takes the idle elevator first.



Round the clock (all three)

Automatic recharging, wired charging or a fast battery swap: 2 h to 90 % and 12 h without load. Shown: the T300.



Three ways to deliver (T300)

Automatic delivery, power-assisted pushing by hand, and follow mode, in which robots queue behind one another for material preparation.



Rack group recognition (T600 series)

The T600 and T600 Underride find the target storage location and set down or pick up racks on their own.

From the line side to the warehouse

Line-side delivery (T300)

Materials to the production line and work in progress between stations, in aisles shared with people.

Inspection and finished goods (T300)

Batches to quality inspection and back, and finished goods off the line to storage.

Heavy racks and pallets (T600 series)

600 kg per trip for pallet-based logistics; PUDU names automotive components and metal fabrication.

Moving racks and shelves (T600 Underride)

Slips under a rack or shelf, lifts it from the centre and moves it on its own, with little path clearance.

Multi-floor sites (all three)

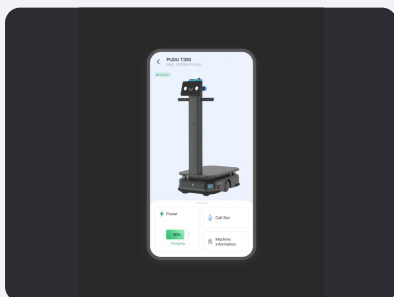
Elevator, e-gate and automatic-door control take deliveries between floors and through secured areas.

Electronics and PCBA (T300)

PUDU's core T300 use cases are electronics and PCBA manufacturing facilities.



In the box: PUDU does not publish a packing list for the T300, T600 or T600 Underride. All three support automatic recharging, wired charging and a battery swap; we confirm the full packing list, including the charging equipment, with your quotation.



Running a fleet

Every model is managed in the Pudu Link app and can be called by pager. The T300 supports distributed or centralised scheduling and offers hardware and software interfaces for enterprise systems and secondary development. The T600 series adds a configurable distributed scheduling system, VDA 5050 for mixed fleets and on-premises deployment.

NEXT STEP

Choose your T-series robot

Tell us what you move, how heavy it is and where it has to go: floors, elevators, doors and aisle widths. We will recommend the model and come back with a configuration, a delivery estimate to your address and a formal quotation.

Request a quotation

Web

robotixmarket.com/products/pudu-robotics-t600

T300 and T600 Underride: scan the codes for their pages.

Email · info@robotixmarket.com

Current prices for your market are on the product pages; configuration and delivery are confirmed with your quotation. Robotix Market ships worldwide.



T300



T600



T600 Underride

Sourced new

Supplied through established distribution channels.

Manufacturer warranty

Every robot ships with the full Pudu Robotics manufacturer warranty and official documentation.

Support

Technical support is coordinated with the manufacturer's service network.

See them in action

T300: youtube.com/watch?v=UpEVbS84ak8 · T300: youtube.com/watch?v=XFNio2Ad3Is · T600 series: youtube.com/watch?v=8MUqvy-QYbk · T600: youtube.com/watch?v=h9N3aW6W1OI