PUDU

PUDU

LEANPRODUCTS®

Lean manufacturing www.LeanProducts.eu

PUDU ROBOTICS

PRODUCT BROCHURE

PUDU ROBOTICS

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PUDU ROBOTICS

Pudu Robotics is a global leader in commercial service robotics and the industry's first company to offer a full portfolio spanning **specialized, semi-humanoid, and humanoid robots.**

According to Frost & Sullivan's latest market report, Pudu Robotics ranks **No. 1 globally in commercial service robotics by both revenue and shipment volume.**

Built on its **One Brain, Multiple Embodiments** architecture, Pudu offers robots for **service delivery, commercial cleaning, industrial delivery, and general embodied AI** applications across hospitality, retail, healthcare, manufacturing, education, public services, and more. To date, Pudu Robotics has shipped **over 130,000 robots** to customers across **85+ countries and regions.**

Global Leader in Commercial Service Robotics

TOP 1
in Commercial Service Robot Revenue and Shipments *

TOP 1
in Commercial Cleaning Robot Revenue and Shipments *

130,000+
Shipped Globally

85+
Countries and Regions Covered

50,000+
End Customers

1000+
Global Distributors

* Source: 2025 Global Embodied Intelligence and Commercial Service Robotics Independent Market Research Report by Frost & Sullivan

* Source: Commercial Cleaning Robot Market Poised for Rapid Growth in AI-Native Era by Counterpoint Research



Global Patents and Trademarks

Pudu Robotics holds **1,900 patents,** including pending applications. Additionally, we have **1,355 global trademark** registrations spanning **over 50 countries and regions.**

Global Certifications

* Relevant statistics as of July 2026

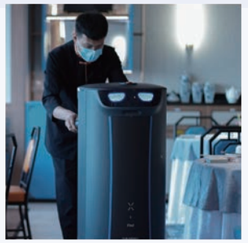
Winning Four Major Industrial Design Awards



Revolutionizing Major Industries with Smart Robotic Solutions

- Food & Beverage
- Hospitality
- Retail
- Industrial
- Warehousing &Logistics
- Agriculture
- Health Care
- Real Estate & Property Services
- Transportation
- Education
- Entertainment & Sport
- Public Service
- Power & Utilities
- Oil & Gas
- Mining & Metals
- Data Centers & AI Infrastructure





























PUDU DELIVERY

Enhancing delivery efficiency and brand promotion through reliable robotic solutions.

INTERNATIONAL DESIGN EXCELLENCE AWARDS

Relay of Classic

PuduBot 2

Multi-scenario Indoor Delivery Robot



- PUDU VSLAM+
- Industry-leading Chassis System
- PUDU-developed Servo In-wheel Motor
- Dual Lidar, Precise Perception
- Fully Enclosed Machine Design

PUDU VSLAM+

New Generation of PUDU VSLAM Technology

Marker-less technology reducing 75% deployment time
Capable of operating in high-ceiling environments up to 30m



Industry-leading Chassis System

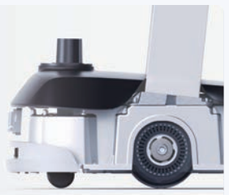
Better Stability and Performance

Adapt to various road surfaces, 30% improvement in moving stability



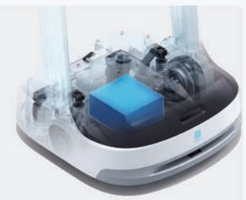
PUDU-developed Servo In-wheel Motor

33% increasement in load capacity
16% improvement in energy utilization



High Performance Li-ion Battery

Operates up to 24h on a 4h charge
Enhanced safety and reliability



Calling and Notification Autonomous and Flexible

Support Pudu Watch, Pudu Pager, and Pudu Link, allowing one-click task assignment and management



Accessories



Fixed Cup Holder | 4G Watch | Protection Case | Charging Station


GOOD DESIGN
AWARD 2022
BellaBot Pro
BellaBot
BellaBot Pro
Premium Delivery & Advertising Robot
Versatile in Delivery, Reception, and Marketing
AI Voice Interaction
Smart Tray Detection
Upgraded
PUDU VSLAM+
65 cm (25.6 in) Superior Mobility
Mobile Marketing Ambassador
Mobile advertising screens, sized at 18.5 inches, with customizable content, including images and videos, offer comprehensive coverage for effective promotion, reaching a broader audience.
AI Voice Interaction
Powered by advanced AI, BellaBot Pro has smarter voice communication capabilities: greeting guests, explain and compare products, and guiding customers effortlessly.
Aesthetic Design
Bellabot Pro, a service robot inspired by cats, features a unique cat ear design language that adds fun and friendliness.
65cm（25.6 in） Agility –
Effortless Maneuvering in the Tightest Spaces
Delivering the smoothest mobility capability within the same size as large delivery robots, it effortlessly navigates complex restaurant environments.
Accessories
Fixed Cup Holder
Protection Case
4G Watch
PUDU Pager
Turnstiles/Automatic doors Control Components


KettyBot Pro
Greetings & Delivery Robot
52 cm (20.5 in) Superior Mobility
Versatile in Delivery, Reception, and Marketing
Smart Trays Detection
Customer Attraction
Extended Battery Life
Smart Tray Detection
KettyBot Pro, with 360° fisheye lenses and smart tray detection, autonomously detects the load status to improve delivery efficiency and customer satisfaction.
Customized Advertisement
The PUDU Business Management Platform allows for customized content on the 18.5" screen, including easy generation of an Ad playlist with personalized frequency and sequence.
18.5"
Search & Guide
By searching words or clicking pictures, customers may look for the items or the store location they need, then KettyBot will guide the customers to pick up points or locations.
Two Forms for Greater Versatility
KettyBot features two forms enabled by the removable trays and rear cover. Our customers may select the form of the robot based on needs.
Automatic Navigation Planning
Laser & visual dual navigation solution helps to detect obstacles more accurately, making the robot safer.
Accessories
Charging Station
Protection Case
Display Stand
Retractable Tray Baffle
Fixed Cup Holder
Rear Cover

HolaBot

Pager & Notification Delivery Robot

- Pager & Notifications
- Sound Tracking
- 60 kg (132.3 lbs) Loading Capacity
- 120 L (31.7 US gal) Extra-Large Compartment
- IPX5 Waterproof Inner Cabin



Ultra-large Capacity

60 kg (132.3 lbs) carrying capacity, volume of 120 L (31.7 US gal), 4 large-capacity trays , giving restaurants a much better turnover.



60 kg (132.3 lbs)
Load Capacity

120 L (31.7 US gal)
Ultra-large Compartment

IPX5 Waterproof Inner Cabin

IPX5 waterproof inner cabin can effectively resist various liquid splashes in the working environment and keep the machine body clean.



Air Motion

No need to touch the buttons, making it efficient and contactless.



Pager Function

Pudu HolaBot comes with pager function , allowing you to call and assign tasks to the robot at any time.



Accessories



4G Watch | PUDU Pager | Turnstiles/Automatic doors Control Components

PUDU DELIVERY

FlashBot Max

Building Delivery Robot

- Cloud & Hardware Solutions for Elevator Control
- VSLAM+ Semi-outdoor Delivery
- Multiple Compartment Access Verifications
- Full-Scope IoT Integration
- Rapid Multi-floor Deployment
- Modular Adjustable Compartments



VSLAM+ Semi-outdoor Delivery

PUDU VSLAM+ is designed for semi-outdoor hotels, enabling seamless delivery across indoor spaces and open areas such as gardens, gyms, and poolside.



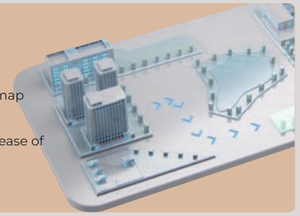
Autonomous Elevato Control

Dual Options for Elevator Control: Cloud and Hardware. Seamless elevator management experience enhances operational efficiency.



Rapid Multi-floor Deployment

Supports rapid multi-floor map replication, enabling quick mapping and enhancing deployment efficiency and ease of operation.



Multiple Compartment Access Verifications

Supports password verification, phone number verification, and NFC sensing for compartment access



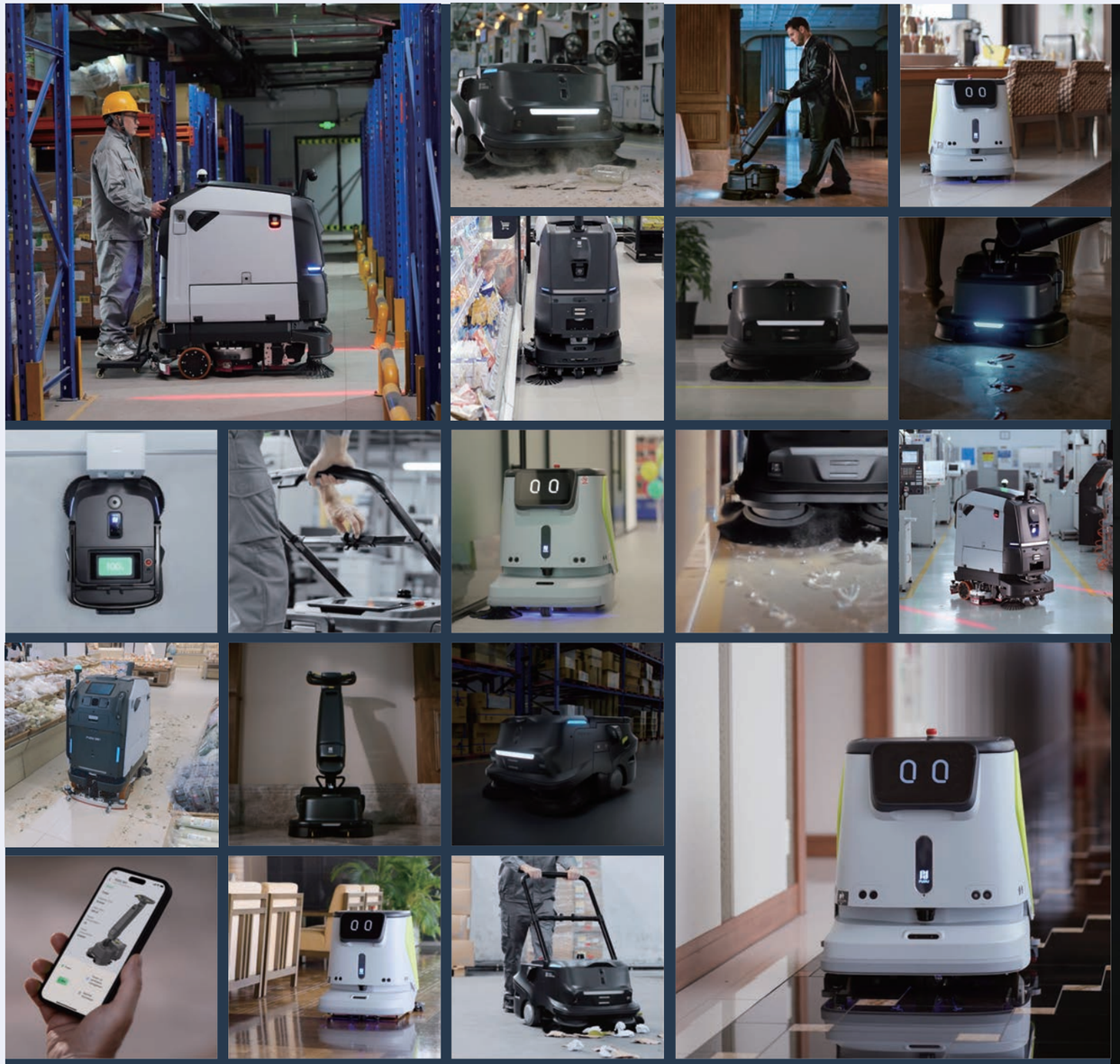
Modular Adjustable Compartments



Accessories



Charging Station | 4G Watch | PUDU Pager | Turnstiles/Automatic doors Control Components



PUDU CLEAN

Ensuring thorough and consistent cleanliness with intelligent automation and transparent performance results.

PUDU CLEAN

reddot winner 2023

PUDU CC1

Intelligent Commercial Cleaning Robot

- Versatile Cleaning
- Auto Power Charging & Auto Water Addition and Drainage
- Diversified Consumables
- Mobile Water Tank No Plumbing Modification
- Dynamic Space Perception



Versatile Cleaning

Four-in-one cleaning robot



Auto Power Charging & Water Refill and Discharge

No manual intervention worry-free and labor-saving



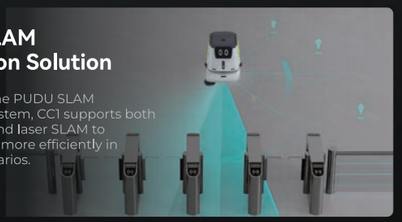
Dynamic Space Perception

Ideal for environments that frequently change, with the ability to perform real-time route planning and intelligent touch-ups based on the current surroundings.



PUDU SLAM Navigation Solution

Powered by the PUDU SLAM positioning system, CC1 supports both visual SLAM and laser SLAM to perform tasks more efficiently in complex scenarios.



Measurable Cleaning

Cleaning results are clearly visible in the automatically generated reports.



Accessories



PUDU Mobile Water Station | Compatible products | Charging Station | Docking Station

PUDU CC1 Pro

AI-Powered Autonomous Cleaning Robot

- AI Spot Scrubbing
- AI Real-Time Cleaning Performance Detection
- AI Cleaning Intensity Control
- AI Components Self-Monitoring
- 4-in-1 Versatile Cleaning
- VSLAM+ Positioning
- AI-driven Perception
- IEC 63327 Certification



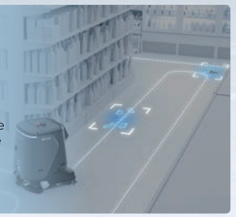
PUDU VSLAM+

Unlimited by Space, Unmatched in Cleanliness: Powered by a fusion of VSLAM and LiDAR, the robot navigates complex environments with high accuracy—no QR codes required.



AI Spot Scrubbing

Combining AI vision recognition with dynamic path planning, the system detects common wet stains—like coffee spills, sauces, and puddles—in real time during inspections and instantly generates optimal cleaning routes.



AI Real-Time Cleaning Performance Detection

CC1 Pro features the world's first rear AI camera to monitor cleaning performance in real time.



AI Components Self-Monitoring

CC1 Pro's rear AI system monitors cleaning components in real time, detects maintenance-related issues that cause secondary contamination, and triggers automatic marking, touch-up cleaning, or self-cleaning.



AI Cleaning Intensity Control Adaptive Strategy for Optimal Cleaning

Stubborn Stains Detection

Detects stubborn stains and boosts cleaning power as needed, ensuring deeper, more thorough cleaning.

Floor Cleanliness Monitoring

Detects cleanliness levels and automatically switches modes.

Floor Type Detection

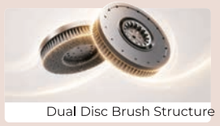
Automatically adjusts cleaning modes based on floor type.



PUDU CC1 Pro Disc

AI-Native Mid-Size Disc Scrubber-Dryer Robot

- Dual-Disc Brush Scrubbing
- 25kg Scrubbing Pressure
- Multiple Disc Brushes & Pads
- Superior Mobility
- AI Magic Cleaning
- Quick-Release Disc Brush

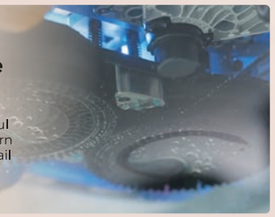


Dual Disc Brush Structure



Dual-Disc Brush, 25 kg Down Pressure

High-speed dual-disc brushes work with 25 kg of consistent down pressure to deliver powerful deep cleaning, removing stubborn stains and debris for efficient retail cleaning.



AI Magic Cleaning

CC1 Pro Disc integrates a range of AI-Native capabilities, including AI Adaptive Cleaning, AI real-time cleaning performance detection, guided cleaning, and summon cleaning. It dynamically adjusts cleaning strategies based on environmental conditions and cleaning results for more precise, efficient, and reliable operation.



Quick-Release Disc Brush

Magnetic attachment enables quick alignment, installation, and removal, reducing maintenance time and minimizing downtime between cleaning tasks.



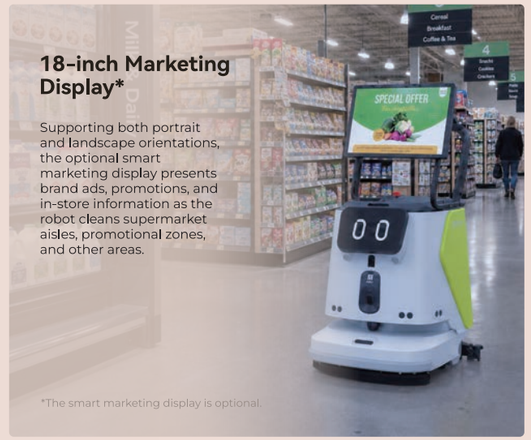
68cm Path Clearance

In retail environments, the compact design allows agile turning and obstacle avoidance around shopping carts, boxes, and temporary obstructions.



18-inch Marketing Display*

Supporting both portrait and landscape orientations, the optional smart marketing display presents brand ads, promotions, and in-store information as the robot cleans supermarket aisles, promotional zones, and other areas.



*The smart marketing display is optional.

PUDU MT1

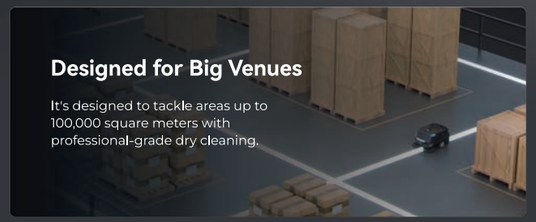
AI Powered Robotic Sweeper

reddot winner 2025

2025 ISSA EXCELLENCE AWARDS

- No Debris Too Big or Small
- AI Trash Recognition
- User-Friendly Design
- 24/7 Continuous Operation
- Rapid Adaptation to Changing Environments





Designed for Big Venues

It's designed to tackle areas up to 100,000 square meters with professional-grade dry cleaning.



No Debris Too Big or Small

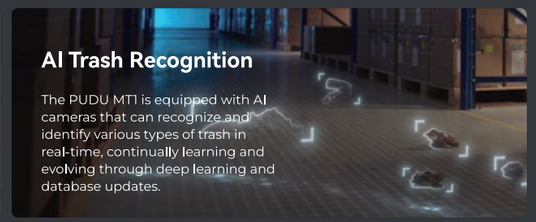
35L Trashbin Capability
70cm Practical Cleaning Width

The dual-disc brushes easily handle larger debris like leaves and bottles, while efficiently sweeping up fine dust and dirt to ensure no small particles are left behind.



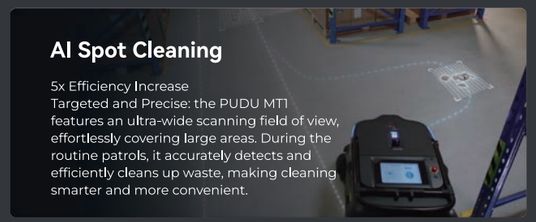
Multi-sense Safety

With three-dimensional depth perception and multi-sensor fusion for navigation and obstacle avoidance, the MT1 navigates complex spaces with ease.



AI Trash Recognition

The PUDU MT1 is equipped with AI cameras that can recognize and identify various types of trash in real-time, continually learning and evolving through deep learning and database updates.



AI Spot Cleaning

5x Efficiency Increase
Targeted and Precise: the PUDU MT1 features an ultra-wide scanning field of view, effortlessly covering large areas. During the routine patrols, it accurately detects and efficiently cleans up waste, making cleaning smarter and more convenient.



Proactive Dust Control

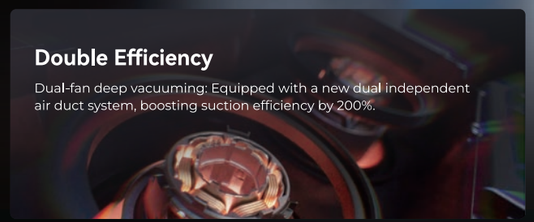
Utilizes high-flow negative pressure ventilation and an efficient filter to trap particles in the debris box, effectively preventing secondary pollution.

PUDU MT1 Vac

AI-powered Robotic Sweeper & Vacuum

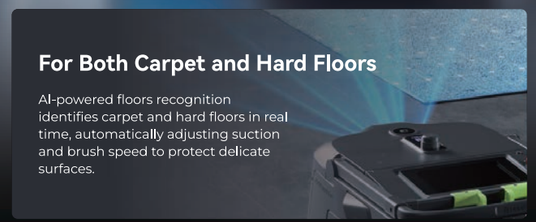
- Powerful Suction
- High Efficiency
- Extended Run-time
- AI-driven Adaptive Cleaning
- Quick-Release Dust Mop Module
- Hand-vacuum Extension





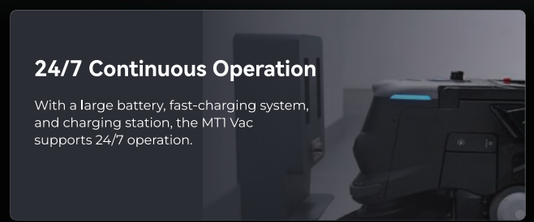
Double Efficiency

Dual-fan deep vacuuming: Equipped with a new dual independent air duct system, boosting suction efficiency by 200%.



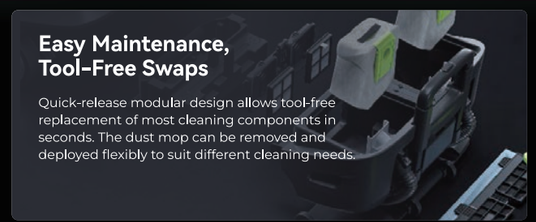
For Both Carpet and Hard Floors

AI-powered floors recognition identifies carpet and hard floors in real time, automatically adjusting suction and brush speed to protect delicate surfaces.



24/7 Continuous Operation

With a large battery, fast-charging system, and charging station, the MT1 Vac supports 24/7 operation.



Easy Maintenance, Tool-Free Swaps

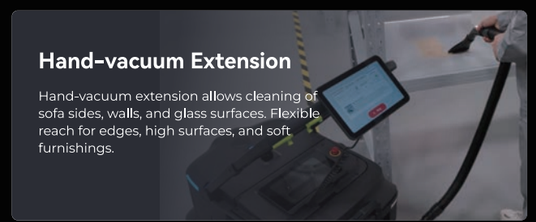
Quick-release modular design allows tool-free replacement of most cleaning components in seconds. The dust mop can be removed and deployed flexibly to suit different cleaning needs.



Dust and Waste Separation

6L trash bin + 14L dust bags:

The large-capacity system handles large-area cleaning in a single run, significantly reducing the need for frequent emptying.



Hand-vacuum Extension

Hand-vacuum extension allows cleaning of sofa sides, walls, and glass surfaces. Flexible reach for edges, high surfaces, and soft furnishings.

PUDU MT1 Max

AI-powered 3D Perception Robotic Sweeper

- 3D Perception Integration
- Magic Cleaning
- 24/7 Continuous Operation
- AI Adaptive Cleaning
- Empty the Facility of Any Dirt & Trash
- Smart Obstacle Avoidance Upgrade
- Intelligent Active Interaction
- Covers Up to 100,000m²

Intelligent Active Interaction

With both structural protection and smart response systems, the MT1 Max can actively perceive and adapt to its surroundings.



3D Perception Enhancement

Equipped with a 3D perception system (3D LiDAR + multi-sensor fusion), MT1 Max maps environments accurately, detects obstacles in real time, and navigates efficiently even in high ceilings, nighttime, or heavy interference, ensuring reliable performance in complex cleaning tasks.

No Debris Too Big or Small

Empty the facility of any dirt & trash

70cm Cleaning width
0cm Edge Cleaning
35L Cleaning width

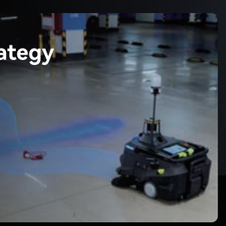


Magic Cleaning

MT1 Max's dual-chip design with hardware–software synergy powers adaptive cleaning, trash recognition, spot cleaning, and more.

AI Adaptive Cleaning Strategy

Adaptive cleaning slows brushes rotation for light debris to prevent scattering, speeds them up for heavier waste, and adjusts body angle to guide debris into the dual-brush gap for effective pickup.



Smart Obstacle Avoidance

MT1 Max features multiple avoidance strategies, proactively yielding to vehicles. Pedestrian and Animal Avoidance: Quickly reacts to sudden "pop-out" movements.

PUDU CLEAN

PUDU BG1 Series

AI-Native Large Scrubber-Dryer Robot

- One-Pass Sweep & Scrub
- Extendable Edge Cleaning
- Instant, User-friendly Maintenance
- AI Magic Cleaning
- 3D Perception Enhancement
- 24/7 Continuous Operation

Extendable Edge Cleaning

The scrubbing brush can physically extend to reach walls and shelving edges, thoroughly removing dust and dirt along edges, improving coverage, and minimizing manual touch-ups.

One-Pass Sweep& Scrub

Combine sweeping and deep scrubbing into one efficient workflow. Featuring smart dosing, superior down pressure, and an ultra-wide path clearance to cover more ground in less time.

3D Perception Enhancement

The BG1 Series maps accurately and dodges obstacles in real time. It ensures reliable, efficient cleaning - even in dark, high-ceiling, or high-interference environments.

Instant, User-friendly Maintenance

The PUDU BG1 Series features automatic disc-brush attachment, eliminating manual positioning and setup. Coupled with a user-friendly snap-on design for all critical consumables, routine maintenance can be completed in under 1 minute.

AI Magic Cleaning

AI-Driven Adaptive Mechanism

Upon detecting wet spills, it instantly retracts the sweeping modules to prevent secondary spreading. For stubborn stains, it automatically boosts brush pressure for a spotless, single-pass clean.

AI-Driven Auto-dosing System

7 L tanks with milliliter-level accuracy. It automatically scales detergent strength to match floor conditions, maximizing cleaning impact while minimizing waste.

24/7 Continuous Operation

The all-in-one station automates refilling, drainage and charging, ensuring 24/7 mission-readiness.

PUDU SH1

Smart Upright Scrubber Dryer



- Expert in heavy-duty cleaning
- Air-liquid-debris Separation
- Multi-dimensional Cleaning
- Real-time Components Monitoring
- Measurable Cleaning

Leave no mess behind

27kg
Brush Pressure

350rpm
Brush Speed

Compared to a conventional mop, SH1 saves 80% on water and cleaning agent usage and reduces cleaning time by

Air-Liquid-Debris Separation

The PUDU SH1 features a first-to-market wastewater tank with an air-solid-liquid separation system, effortlessly separating gases, liquids, and solid particles, facilitating a smooth disposal process for both wet and dry refuse, and eliminating the risk of drain blockages.

Touch Screen Interface

Featuring a 4.2-inch touch screen, enhanced with visual and audio cues for an innovative interactive experience.



Multi-dimensional Cleaning

Equipped with innovative accessories, the PUDU SH1 excels at cleaning vertical surfaces, effectively removing grime from glass display cases, tiled walls, mirrors, and windows with ease and precision.

PUDU ET1

AI-Native Compact Scrubber-Dryer Robot



- 4-in-1 Versatile Cleaning
- Real-time Roller Mop Self-cleaning
- Streak-Free in One Pass
- 8-in-1 Self-Cleaning Station
- AI Magic Cleaning
- Compact Design, Agile Navigation
- 21.5'' Advertising Display
- Auto Mapping, One-click Start

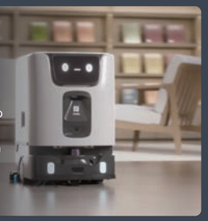
Auto Mapping, One-click Start

PUDU ET1 mapped environments autonomously to streamline deployment. No pre-mapping or complex setup required. Simply power on to start cleaning.



4-in-1 Versatile Cleaning

Sweeping, Scrubbing, Vacuuming and Dust-mopping
And the innovative front-sweep, rear-scrub design tackles dry debris and wet stains simultaneously, delivering cleaner floors in a single pass.



Unleash ultimate Scrubbing Power

An 800 rpm high-speed roller combined with 5000 Pa downward pressure delivers intense scrubbing to effortlessly tackle grease, footprints, and stubborn stains.



Streak-Free in One Pass

Leaves floors dry with minimal residual moisture after every pass.
Helps reduce slip hazards while protecting moisture-sensitive flooring.



Fully Automated 8-in-1 Maintenance

- Auto Charging
- Auto Clean Water Refill
- Auto Roller MopRinsing
- Auto Waste Water Drainage
- Auto Squeegee Rinsing
- Auto Detergent Dispensing
- Auto Roller Mop Spin-Drying
- Auto Water Heating



21.5" Advertising Display

Optional 21.5-inch HD display for brand promotion, campaigns, and information display.
Supports multiple peripheral options and flexible power configurations for diverse business applications.

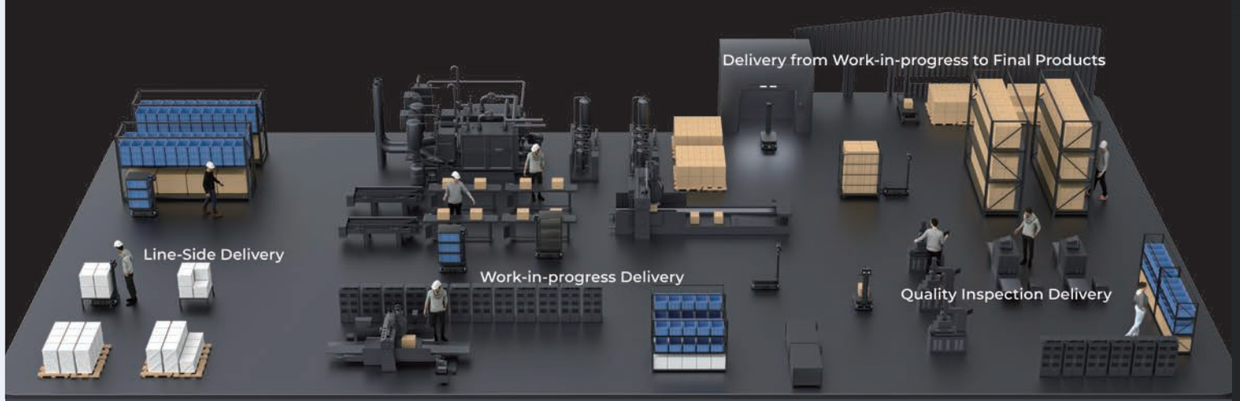


Compact Design, Agile Navigation

Mini. clearance:
50 cm width, 60 cm height
PUDU ET1 navigates tight spaces with compact design and agile mobility, enabling seamless cleaning during business hours.







PUDU INDUSTRIAL

Boosting industrial workflow efficiency and ensuring accurate deliveries with durable, high-performance automated technology.

PUDU INDUSTRIAL

PUDU MP2000

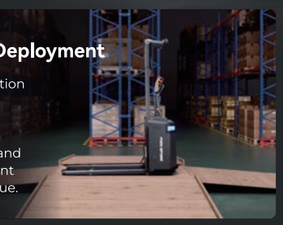
AI-Native Pallet Handling Robot



- Plug-and-Play
- AI-Native Autonomy
- Fleet Orchestration
- 20s Fork Insertion
- Omni-Sense Safety
- IoT Integration

Plug-and-Play, Rapid Deployment

Powered by multi-sensor navigation and edge intelligence, the robot requires no site modifications, platform integration, or complex deployment. Fast site mapping and configuration shorten deployment cycles and accelerate time to value.



AI-Native Autonomy

AI-native intelligence enables storage occupancy detection, load-carrier recognition, and clearance assessment for autonomous operation in dynamic warehouses. This reduces manual checks, site modifications, and commissioning.



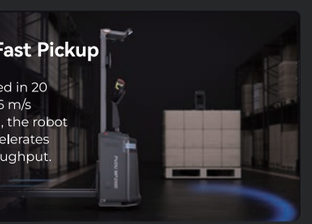
Intelligent Fleet Orchestration

Distributed fleet orchestration enables each robot to make decisions and plan routes, with inter-robot communication ensuring efficient coordination. Even offline, the fleet continues operating in sync.



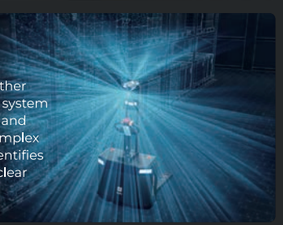
20s Fork Insertion, Fast Pickup

With fork insertion completed in 20 seconds and speeds up to 1.6 m/s unloaded and 1.2 m/s loaded, the robot reduces cycle times and accelerates material flow for higher throughput.



Omni-Sense Safety

Depth cameras, 3D LiDAR, and other sensors form a multi-layer safety system that detects people, equipment, and obstacles in real time. Even in complex mixed-traffic environments, it identifies risks, avoids hazards, and issues clear warnings.



IoT Integration & Control

Tasks can be dispatched via PUDU Link, APIs, voice commands, or task buttons. Optional integration with elevator controls, automatic doors, and other IoT devices enables flexible task triggering and device coordination.

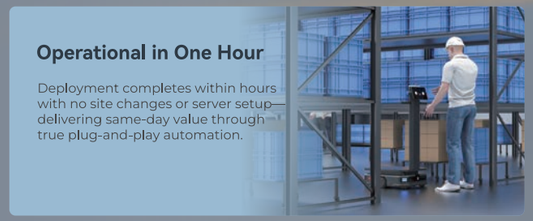


PUDU T150

Light-payload Industrial Delivery Robot

- Operational Within One Hour of Unboxing
- Stable Operation with Reliable Navigation
- One-piece die-cast construction using aerospace-grade materials
- Simple, Intuitive Operation with Zero Learning Curve
- Built for Complex Environments
- 24/7 Continuous Operation





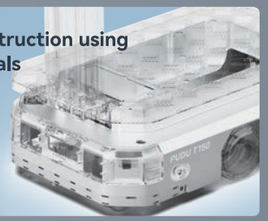
Operational in One Hour

Deployment completes within hours with no site changes or server setup—delivering same-day value through true plug-and-play automation.



Stable Operation with Reliable Navigation

VSLAM with dual LiDAR enables precise, real-time localization, while 360° omnidirectional sensing ensures stable operation in complex industrial environments.



One-piece die-cast construction using aerospace-grade materials

Built with one-piece construction and aerospace-grade materials, it delivers long-term durability with a service life of up to five years, reducing maintenance costs.



Simple and Intuitive Operation

The tablet-like touchscreen enables intuitive control and parameter adjustment. Powered by PUDU's proprietary system, it requires no training and supports multiple control options to streamline operations and boost efficiency.



Built for Complex Environments

By fusing RGBD cameras with 360° dual LiDAR and AI-driven multi-level navigation and obstacle avoidance algorithms, the robot delivers precise, smooth movement in narrow, cluttered industrial environments.

24/7 Continuous Operation

Supports battery swapping, automatic charging, and wired charging for 24/7 continuous operation, ensuring high uptime, faster ROI, and uninterrupted material flow.



PUDU INDUSTRIAL

reddot winner 2025

PUDU T300

Industrial Delivery Robot

- 300 kg (661 lbs) Load Capacity
- Flexible VSLAM+ Deployment
- 60 cm (23.6 in) Superior Mobility
- Diversified Attachments
- 7/24 Non-stop Operation



PUDU VSLAM+

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.



Outstanding IoT Compatibilities

There is no need to perform cumbersome system opening actions, and it can be modularly connected to the production process and applied efficiently.



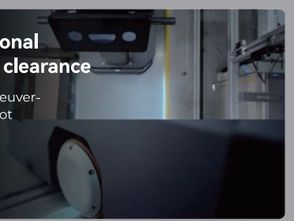
Versatile Application Series



PUDU T300 Conveyor | PUDU T300 Tray | PUDU T300 Lifting | PUDU T300 Towing

Boasting an exceptional 60cm (23.6 in) path clearance

The T300 ensures agile maneuverability in narrow human-robot cohabited spaces



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
- VDA Support VDA5050 Protocol
- ISO Complies with ISO 3691-4



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.



Supports Larger Racks and Pallet Handling

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



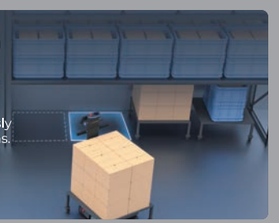
Efficient & Flexible Scheduling System

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.

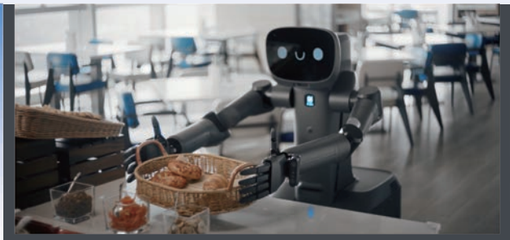


Complies with ISO 3691-4

Industrial Safety Certification Standard

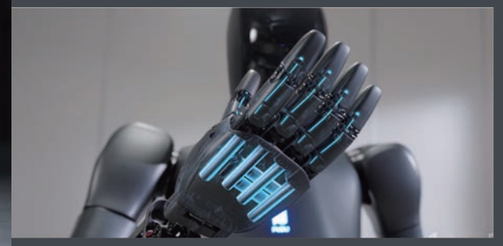


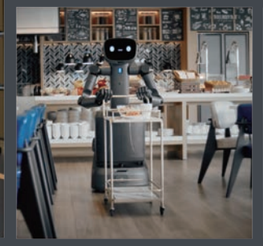


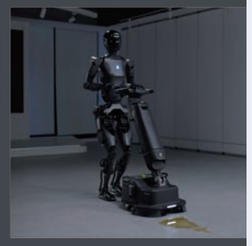














PUDU EMBODIED AI

Exploring the future ecosystem of diverse service robots.

The All-New

PUDU D9

Full-sized Bipedal Humanoid Robot

- Lightweight High-Strength Chassis
- Proprietary Bionic Cerebellar Algorithm
- High-Burst Joint Actuation
- Multimodal Rapid Learning

Height	170 cm (66.93 in)	Weight	58 kg (127.9 lbs)
3D LiDAR	Supported	Autonomous Navigation	Supported
Intelligent Voice Capabilities	Supported	Microphone	Supported

PUDU EMBODIED AI

Next-Generation

PUDU D7

Industrial-Grade Semi-Humanoid Robot

- High-Performance Computing Platform
- High-Performance Omnidirectional Chassis
- Multimodal Perception
- High-Accuracy Positioning and Navigation
- High Payload Bionic Arm
- High Degree of Freedom in Mobility
- High-Performance Hybrid Control
- Generalized Learning Operations

Robot Height	175 cm (68.90 in)	Computing Power	275 TOPS
Single-Arm Reach	80+ cm (31.50+ in)	Robot Weight	140 kg (308.65 lbs)
Operating Time	24 H	Maximum Payload	20 kg (44.1 lbs)

FlashBot Arm

Semi-Humanoid Embodied AI Service Robot



- Intelligent Decision Making
- Autonomous Precision Operation
- Proactively Adapt to Scenarios
- Multimodal Natural Interaction
- Multiple Security Protections

Seamless Navigation

VSLAM+ solution supports multi-floor mapping. The robot can press elevator buttons and swipe access cards with its hands, adapting to various scenarios without modifications.

Intelligent Decision-Making

Autonomously recognize the environment, understand tasks and execute precisely.

Autonomous Operation

Maximum operating diameter of 2 meters with 7-DOF dual arms that can be lifted. Supporting more intricate operational tasks with PUDU DH11 dexterous hands.

User-Friendly Interaction

Supports multi-modal interaction including AI voice, facial expressions, and gestures, enabling seamless communication and natural reception.

Safe and Reliable

Comprehensive sensing through vision and tactile sensors, combined with compliant force control algorithms, ensures a safe interaction between humans and robots.

PUDU EMBODIED AI

PUDU D5 Series

Industry-Grade Autonomous Quadruped Robot



- NVIDIA-Powered Computing Platform
- 360° Perception for Safety Assurance
- All-Terrain Mobility
- All-Weather Adaptability
- Intuitive Voice & Gesture Interaction
- Compatible with Multiple Peripherals

1. Some features are not yet available to customers; Please refer to the latest product documentation.
2. The product is continuously updated. The delivered version may differ slightly from the promotional materials. Please confirm details with your sales representative.
3. Accessories such as the inspection kit and charging dock are optional and sold separately.
4. All performance data are based on lab testing. Actual results may vary by environment.
5. PUDU D5 Series comes standard with dual high-precision 96-line LiDAR, with an optional upgrade to dual 192-line LiDAR available for enhanced perception needs.

Autonomous Navigation with 360° Perception

Dual 96-line LiDAR* and four fisheye cameras deliver full-surround sensing with centimeter-level accuracy.

The NVIDIA Orin + RK3588 platform offers 275 TOPS of computing power with efficient thermal design for stable high-load operation.

Natural Interaction with Gesture and Voice Control

Supports voice commands, gesture control, and autonomous following. A 6-mic array and 10W speaker ensure accurate response even in noisy environments.

Supports gestures such as Stand, Follow, and Crawl, enabling smooth, multimodal interaction and intelligent human-robot collaboration.

All-Terrain Mobility for Complex Environments

Easily handles 25 cm steps, 30° climbs, and 45° descents. Cruises at up to 5 m/s for fast, stable movement across urban and off-road environments.

All-Weather Durability and Extreme Resilience

D5 series supports cold-start at -10°C, operates from -20°C to 55°C, and achieves IP67 ingress protection for dependable performance in rain, snow, dust, and fluctuating climate conditions

After-Sales Service

Pudu Robotics provides a comprehensive after-sales service system, offering global reach and expert assistance for quick and dependable support.

8+ Global Spare Parts Warehouse
Localized spare parts for prompt service

1000+ Global Service Centers
Ensuring swift and dependable support

Service System

Streamline your business with Pudu Robotics' advanced service system, featuring robust management tools, intelligent interaction capabilities, comprehensive IoT solutions, and personalized customization options.

PUDU Distributor Platform

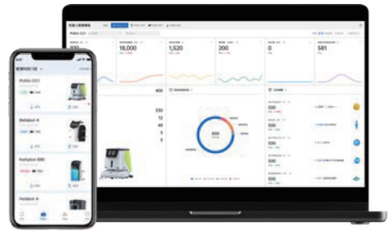
For Distributors



Manage sales leads,sub-distributors, and merchant clients, analyze robot data and customize voice and expressions to help distributors better develop and serve clients.

PUDU Merchant Management Platform & PUDU Link

For Purchasing Users



Users can monitor, call, and configure voice interactions for the robot, achieving the goal of one-stop management for digital business operations and intelligent business data.

IOT Solutions



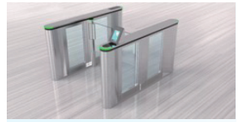
PUDU Pager



4G/Lora Watch



Elevator Control



Auto-door



Bluetooth Speaker



Table Tracker

Customized Service

PUDU OS

Robot SDK



Sticker

Customized Emoji



Customized Voice



Customized Software



Combined with 3rd party hardware

More Solutions Coming Soon...

PUDU DELIVERY			
Product Name	***BellaBot Pro***	***BellaBot***	***KettyBot Pro***
Machine Dimensions	570 x 550 x 1290 mm（22.4 × 21.6 × 50.7 in）	565 × 537 × 1290 mm (22.2 × 21.1 × 50.7 in)	435x450x1120 mm（17.1 × 17.7 × 44.0 in）
Machine Weight	55 kg（121.25 lbs）	55 kg (121.25 lbs)	38 kg（83.78 lbs）
Carrying Capacity	40 kg (10 kg/tray) 88.18 lbs (22.05 lbs / tray)	40 kg (10kg/tray) 88.18 lbs (22.05 lbs/tray)	30 kg (10 kg/tray) 66.14 lbs (22.05 lbs / tray)
Tray Dimensions	410 x 500 mm（16.14 × 19.69 in）	410 × 510 mm（16.14 × 20.08 in）	352 x340 mm (13.86 × 13.39 in)
Charging Time	4.5 h	4.5 h	4 h
Run-time	11 h (none load)	13 h (none load)	11 h (none load)
Cruise Speed	0.2-1.2 m/s（0.66-3.94 ft/s）	0.2-1.2 m/s (0.66-3.94 ft/s)	0.2-1.2 m/s (0.66-3.94 ft/s)
Path Clearance	65 cm（25.59 in）	70 cm (27.56 in)	52 cm (20.47 in)
Threshold Crossing Height	10 mm（0.39 in）	10 mm (0.39 in)	5 mm (0.20 in)
Screen	10.1-inch LCD screen and 18.5-inch LCD screen	10.1-inch LCD screen	10.1-inch LCD screen and 18.5-inch LCD screen
Trays Detection	Visual detection	Infrared detection	Visual detection
Charging Methods	Wired Charging	Wired Charging	Wired Charging & Auto Recharging
Navigation Methods	LiDAR SLAM + Marker	LiDAR SLAM + Marker	LiDAR SLAM + Marker

PUDU DELIVERY			
Product Name	***HolaBot***	***FlashBot Max***	***PuduBot 2***
Machine Dimensions	542 x 534 x 1228 mm (21.3 × 21 × 48.3 in)	538 x534 x 1052 mm (21.18 × 21.02 × 41.42 in)	580 x535 x1290 mm (22.83 × 21.06 × 50.79 in)
Machine Weight	55 kg (121.25 lbs)	60 kg (132.28 lbs)	39 kg (85.98 lbs)
Carrying Capacity	60 kg (15 kg /tray) 132.28 lbs (33.07 lbs / tray)	20 kg (44.09 lbs)	40 kg (13 kg/tray) 88.18 lbs (28.66 lbs / tray)
Tray Dimensions	390x360 mm, 120LCabin (15.35 × 14.17 in, 31.7 US gal Cabin)	187 x 410 x 280 mm(Single) 7.3 × 16.1 × 11 in (Single) 380 x 410 x 280 mm(Double) 14.9 × 16.1 × 11 in (Double)	520 x435 mm (20.47 × 17.13 in)
Charging Time	4.5 h	4 h	4 h
Run-time	10-24 h (none load)	9 h (none load)	15 h (none load)
Cruise Speed	0.2-1.2 m/s (0.66-3.94 ft/s)	0.5-1.2 m/s (1.64-3.94 ft/s)	0.2-1.2 m/s (0.66-3.94 ft/s)
Path Clearance	70 cm (27.56 in)	60 cm (23.62 in)	80 cm (31.50 in)
Threshold Crossing Height	7 mm (0.28 in)	20 mm (0.79 in)	10 mm (0.39 in)
Charging Methods	Wired Charging	Wired Charging & Auto Recharging	Wired Charging & Auto Recharging
Navigation Methods	LiDAR SLAM + Marker	VSLAM+Lidar SLAM	LiDAR SLAM + Marker + VSLAM

PUDU CLEAN			
Product Name	***PUDU CC1***	***PUDU CC1 Pro***	***PUDU CC1 Pro Disc***
Machine Dimensions	629 x 552 x 695 mm (24.7 × 21.7 × 27.3 in)	629 x 552 x 695 mm (24.7 × 21.7 × 27.3 in)	629 x 552 x 695 mm (24.76 x 21.73 x 27.36 in)
Machine Weight	75 kg (165.3 lbs)	75 kg (165.3 lbs)	80 kg (176.37 lbs)
Cleaning Performance	700 - 1000 m^2/h (7534.74-10763.92 ft^2/h)	700 - 1000 m^2/h (7534.74-10763.92 ft^2/h)	700-1000 m^2/h (837.19-1,195.99 yd^2/h) (All-Covered Scrubbing) 1500-3000 m^2/h (1,793.99-3,587.97 yd^2/h) (Spot Scrubbing)
Cleaning Width	Sweeping 500 mm (19.69 in) Mopping 380 mm (14.96 in)	Sweeping 500 mm (19.69 in) Mopping 380 mm (14.96 in)	380 mm (14.96 in) (with dual-disc brush)
Charging Time	< 3 h	< 3 h	About 4.5 h
Water Tank/ Trash-bin Capacity	Solution Tank Capacity 15 L (3.96 gal) Recovery Tank Capacity 15 L (3.96 gal)	Solution Tank Capacity 15 L (3.96 gal) Recovery Tank Capacity 15 L (3.96 gal)	Clean Water Tank: 15 L (3.96 gal) Dirty Water Tank: 15 L (3.96 gal)
Run-time	5 h - 9 h (differentiated by cleaning levels)	5 h - 9 h (differentiated by cleaning levels)	Scrubbing: Up to 5.3 h (3.8 h+ in Standard Mode)
Cruise Speed	0.2 - 1.2 m/s (0.66-3.94 ft/s)	0.2 - 1.2 m/s (0.66-3.94 ft/s)	0.2 m/s ~ 1.2 m/s (0.66 ft/s ~ 3.94 ft/s)
Path Clearance	70 cm (27.56 in)	70 cm (27.56 in)	68 cm (26.77 in) U-turn: 88 cm (34.65 in)
Navigation Methods	LiDAR SLAM + Marker	LiDAR SLAM + Marker + VSLAM	LiDAR + 3D VSLAM Fusion Positioning
Charging Methods	Wired Charging & Auto Recharging		

PUDU CLEAN			
Product Name	***PUDU MT1***	***PUDU MT1 Vac***	***PUDU MT1 Max***
Machine Dimensions	840 x 600 x 490 mm (33 x 23.6 x 19.3 in)	840 x 600 x 490 mm (33 x 23.6 x 19.3 in)	840 x 600 x 675 mm(33 x 23.6 x 26.6 in)
Machine Weight	65 kg (143 lbs)	75 kg (165.35 lbs)	85 kg (187.39 lbs)
Cleaning Capability	Sweeping	Sweeping, Vacuuming, Dust Mopping	Sweeping
Cleaning Efficiency	Max. 1800m^2/h (19375 ft^2/h)	Max.1400 m^2/h (15,069.47 ft^2/h)	Max. 2200m^2/h (23680.6 ft^2/h)
Charging Time	About 3 h	< 3.5 h	< 3.5 h
Run-time	4 ~ 8 h	3 ~ 6.5 h(standard sweep and vacuum mode on hard floors: 4 h)	5 ~ 10 h
Trash-bin Capacity	35 L (9.25 US gal)	6 L (0.21 ft^3)	35 L (9.25 US gal)
Dustbin Capacity	/	14 L (7 L*2) [0.494 ft^3 (0.247 ft^3*2)]	/
Battery Capacity	45 Ah	60 Ah	60 Ah
Navigation	LiDAR SLAM + Marker + VSLAM	LiDAR SLAM + Marker + VSLAM	3D LiDAR SLAM + VSLAM + Marker
Sensors	LiDAR ×1, VSLAM Cam ×1, RGBD ×3, RGB ×2, Line Laser ×3	LiDAR ×1, VSLAM Cam ×1, RGBD ×3, RGB ×2, Line Laser ×3	3DLiDAR ×1, VSLAM Cam ×1, RGBD ×3, RGB ×2, Line Laser ×3

PUDU CLEAN		
Product Name	***PUDU BG1***	***PUDU BG1 Pro***
Battery Capacity	90 Ah (48V platform, equivalent to 180 Ah at 24V)	
Charging Time	High voltage (AC≥180V): approx. 3 h Low voltage (AC≤180V): approx. 4.5 h	
Run-time	Sweeping & Scrubbing: Max. 7.5 h	
Weight	approx. 344 kg (758 lbs)	
Dimensions	1195x760 x 1303 mm (47.0x29.9 x 51.3 in) (with squeegee) 1120x660 x 1303 mm (44.1x25.9 x 51.3 in) (without squeegee)	
Navigation Methods	Lidar + 3D VSLAM Fusion Positioning	3D Lidar + 3D VSLAM Fusion Positioning
Cruise Speed	0.2~1.0m/s (0.66 ~ 3.28 ft/s)	0.2 ~ 1.2 m/s (0.66 ~ 3.94 ft/s)
Cleaning Width	550 mm / 708 mm (21.65 in / 27.87 in) (with side brushes)	
Cleaning Performance	Covered Cleaning: Max. 2000 m^2/h (21,528 ft^2/h) Spot Cleaning Mode: Max. 6000m^2/h (64,583.4 ft^2/h)	
Tank Group Capacity	Trashbin: 5L (1.32 Gal (US)) , Clean Water Tank: 75L (19.81 Gal (US)) Waste Water Tank: 60L (15.85 Gal (US)) Detergent Tank: Dual Detergent Tanks, total approx. 7 L (1.85 Gal (US))	

PUDU CLEAN			PUDU CLEAN	
Product Name	***PUDU SH1***		Product Name	***PUDU ET1***
Machine Dimensions	490 x 530 x 1200 mm (19.3 x 20.9 x 47.3 in)		Dimensions (L*W*H)	500 * 380 * 580 mm (19.69 * 14.96 * 22.83 in)
Machine Weight	27 kg (59.5 lbs)		Weight	approx. 45 kg (99.2 lbs)
Cleaning Performance	1100-1600 m^2/h (11840-17222 ft^2/h)		Cruise Speed	Max 1.0 m/s (3.28 ft/s)
Cleaning Width	440 mm (17.3 in)		Cleaning Efficiency	300 - 720 m^2/h (3,229 - 7,750 ft^2/h)
Charging Time	2.5 h		Dust Box Capacity	2.5 L (0.66 gal)
Water Tank/ Trash-bin Capacity	Solution Tank Capacity 4 L (0.87 gal) Recovery Tank Capacity 4 L (0.87 gal)		cleaning Width	Scrub / Dust-mop: 30cm (11.81 in / 0.98 ft) Sweep / Vacuum: 39 cm (15.35 in / 1.28 ft)
Run-time	Standard Mode : 70min ECO mode : 100 min		Clean Water Tank / Waste Water Tank Capacity	8 L (2.11 gal) / 7.2 L (1.9 gal)
Cruise Speed	Down Pressure	27 kg (59.5 lbs)	Min. Clearance (Width / Height)	50 cm (19.69 in / 1.64 ft) / 60 cm (23.62 in / 1.97 ft)
Path Clearance	Brush Speed	350 rpm	Run-time	2.5 - 4 h
Navigation Methods	Suction Power	20 kPa	Battery Capacity	35 Ah
Charging Methods	Squeegee Width	49 cm(19.2 in)	Charging Time	approx. 3 h

PUDU INDUSTRIAL	
Product Name	**PUDU MP2000**
Machine Dimensions	1585 × 910 × 1870 mm（62.4 × 35.8 × 73.6 in）
Pallet Pick Offset Angle	Up to 15°
Maximum Payload	2000 kg（4,409 lbs）
Drive Mode	Autonomous/Manual
Max. Lift Height	200±5 mm（7.9 ± 0.2 in）
Navigation System	3D LiDAR, VSLAM
Lowered Fork Height	80±5 mm（3.1± 0.2 in）
Rated Travel Speed	Loaded: 1.2 m/s（2.7mph） Unloaded: 1.6 m/s（3.6 mph）
Fork Outer Width	550/620 mm（21.7/24.4 in）
Turning Radius	1350 mm（53.1 in）
Threshold & Gap Crossing	10/35 mm（0.4 in/1.4 in）
Compatible Pallets	Three-runner/Perimeter-base/Nine-leg
Gradeability	3°/ 8°(Full Load/Unloaded)

PUDU INDUSTRIAL	PUDU T150	
	 T150 Standard	 T150 Lifting
Product Name		
Machine Dimensions	835 × 500 × 1350 mm (32.8 in × 19.7 in × 53.1 in)	
Machine Weight	65 kg（143.4 lbs）	81 kg（178.57 lbs）
Maximum Payload	150 kg（330.7 lbs）	
Battery Capacity	30 AH	
Charging Time	2h（0%-90%）	
Operating Time	12h (no-load)	
Maximum Operating Speed	0.2~1.2 m/s （0.66~3.94 ft/s）	
Navigation Method	VSLAM+LiDAR	
Minimum Passable Width	60 cm (23.6 in)	
Step-Climbing Capability	20 mm (0.79 in)	
Gap-Crossing Capability	35 mm (1.38 in)	
Operating Environment	0 ℃~ 40 ℃ (32°F ~ 104°F)	

PUDU INDUSTRIAL	PUDU T300			
	 Standard Version	 Tray Version	 Lifting Version	 Towing Version
Product Name				
Machine Dimensions	835×500×1350 mm（32.87×19.69×53.15 in）			
Machine Weight	65 kg（143.30 lbs）	103 kg（227.08 lbs）	81 kg（178.57 lbs）	90kg（198.42 lbs）
Loading Capacity	300 kg（661.39 lbs）			400 kg (881.85 lbs) 200 kg (440.92 lbs) Counterweight
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）
Threshold Overcoming Height	20 mm（0.79 in）			5 mm（0.20 in）
Path Cleanrance	60 cm（23.62 in）			Determined by load size
Groove Crossing Width	35 mm（1.38 in）			
Battery Capacity	30 AH			
Charging Time	2h (0% to 90%)			
Run-time	12h (none load)			
Navigation Methods	LiDAR SLAM+ Marker + VSLAM			
Charging Methods	Wired Charging & Auto Recharging & Fast battery swapping			

PUDU INDUSTRIAL	PUDU T300 Conveyor	
	 Single Layer	 Double Layer
Product Name		
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	120 kg（264.55 lbs）	180 kg（396.83 lbs）
Path Clearance	75 cm（29.53 in）	
Max. Speed	1.2 m/s（3.94 ft/s）	
Docking Accuracy	±10 mm（±0.39 in）, ±1°	
Run-time(None load)	12 h	10 h
Run-time(Full load)	10 h	8 h
Charging Time	2 h（0-90%）	
Number of Layer	1	2
Rated Load per Layer	80 kg / layer（176.37 lbs / layer）	
Conveyor Depth	650 mm（25.59 in）	
Conveyor Width	120-540 mm（4.72-21.26 in）adjustable	
Conveyor Height	Ground clearance ≥ 305 mm（12.01 in）	

PUDU INDUSTRIAL	PUDU T600 Series	
Product Name	 PUDU T600	 PUDU T600 Underride
Machine Dimensions	960 x 500 x 1350 mm（37.80×19.69×53.15 in）	845×500×255 mm（33.27×19.69×10.04 in）
Machine Weight	112 kg（246.92 lbs）	94 kg（207.23 lbs）
Max. Load	600 kg（1322.77 lbs）	600 kg（1322.77 lbs）
Battery Capacity	30 AH	30 AH
Charging Time	2 h (from 0% to 90%)	2 h（0%-90%）
Run-time	12 h (none load)	12 h (none load)
Cruise Speed	0.2~1.2 m/s（0.66-3.94 ft/s）	0.2-1.2 m/s（0.66-3.94 ft/s）
Navigation Method	VSLAM + LiDAR SLAM	LiDAR SLAM only
Path Cleanrance	70 cm（27.56 in）	65 cm（25.59 in）
Max. Surmountable Height	10 mm（0.39 in）	10 mm（0.39 in）
Max. Surmountable Gap	35 mm（1.38 in）	35 mm（1.38 in）
Operating Environment	0°C ~ 40°C	0°C-40°C

PUDU EMBODIED AI	
Product Name	The All-New PUDU D9
Robot Height	170 cm（66.93 in）
Robot Weight	58 kg (127.9 lbs)
Head DoF	2
Waist DoF	3
Single-Arm DoF	7
Single-Leg DoF	6
Microphone	Supported
Speaker	Supported
3D LiDAR	Supported
Autonomous Navigation	Supported
Intelligent Voice Capabilities	Supported

PUDU EMBODIED AI			
Product Name	Next-Generation PUDU D7	Product Name	FlashBot Arm
Robot Height	175 cm（68.90 in）	Machine Dimensions	539 x 515 x 1440 mm (21.2 x 20.2 x 56.7 in)
Robot Weight	140 kg（308.65 lbs）	Loading Capacity	15 kg（33.07 lbs）
Single-Arm Reach	80+ cm (31.50+ in)	Charging Time	4h
Maximum Payload	20 kg（44.09 lbs）	Working Duration	8h (None load)
Operating Time	24 h	Mapping Method	VSLAM + Lidar SLAM
Mobility Mode	360° Omni Chassis	Mini. Width of Path	65 cm（25.59 in）
Max Speed	2 m/s（6.56 ft/s）	Display Screen	10.1 inch Touch Screen
Full-Body DoF (Degrees of Freedom)	37	DOF of Single Arm and Hand	Arm：7 / Hand：6 Active + 5 Passive
Computing Power	275 TOPS	Max. Reach Range of Both Arms	1600 x 2000 x 1600 mm（63 x 78.7 x 63 in）

PUDU EMBODIED AI		
Product Name	PUDU D5	PUDU D5-W
Standing Dimensions	900 × 543 × 572 mm (35.4 × 21.4 × 22.5 in)	
Weight (with Battery)	61 kg (134.5 lbs)	62 kg (136.7 lbs)
Computing Platform	Nvidia Jetson Orin AGX 64G+RK3588	
Perception Sensors	Dual 3D LiDAR + Four Fisheye Cameras	
Maximum Joint Torque	165 Nm (121.7 lb·ft)	
Battery Capacity	1000 Wh	
Operating Time	2 ~ 2.5 h	2 ~ 3 h
Continuous Walking Payload	20–30 kg (44–66 lbs)	
Climbing Capability	Up to 80 cm (Up to 31.5 in)	
Maximum Step Height	30 cm (11.8 in)	25 cm (9.84 in)
Slope Capability	25° ascent, 45° descent	30° ascent, 45° descent
Operating Temperature	−20°C to 55°C (−4°F to 131°F)	
Cold-Start Capability	Below −10°C (Below 14°F)	
Ingress Protection	IP67	
Autonomous Navigation	Supported	
Autonomous Following	Supported	
Voice Interaction	Supported	