PUDU

PUDU SH1

SMART UPRIGHT SCRUBBER DRYER

LEANPRODUCTS
Lean manufacturing
www.LeanProducts.eu

CONTENT

Product Overview

Product Features

Product Value

About PUDU

PUDU SH1

Smart Upright Scrubber Dryer

The PUDU SH1 stands as an innovative upright scrubber dryer from Pudu Robotics, engineered specifically to address the challenges of greasy and slippery scenarios.

Bridging the gap between the thorough cleaning of a walk-behind scrubber dryer and the user-friendliness of a traditional mop, the SH1 enables effortless, professional-level floor care for all users.

Key Features

Multi-dimensional Cleaning

350rpm Speed
27kg Down Pressure

20Kpa
Suction Power

Real-time
Components Monitoring

Air-liquid-debris
Separation

Diversified
Consumables

Measurable
Cleaning

7+2
Cleaning Modes

Touch Screen
Interface

Easy Changeable
Battery

Product Introduction

Product Specifications

Machine Dimension	49*53*120 cm、19.29*20.87*47.24 inches
Machine Weight	27KG、59.52 pounds
Cleaning Productivity	1100-1600㎡/h、11840-17222 ft²/h
Working Width	44cm、17.32 inches
Squeegee Width	49cm、19.29 inches
Solution Tank Capacity	4L、1.06 Gal
Recovery Tank Capacity	4L、1.06 Gal
Battery Capacity	18AH
Run-time	Standard Mode:70min ECO mode:100 min
Charging Time	2.5H
Noise	Standard Mode: 76dB（A） ECO mode: 71dB（A）

Industries

Food & Beverage

Contract Cleaner

Supermarket

Health Care

Retail

Transportation

Hospitality

Manufacturing

Education

More...

CONTENT

Product Overview

Product Features

Product Value

About PUDU

Product Features

Powerful Cleaning Capabilities

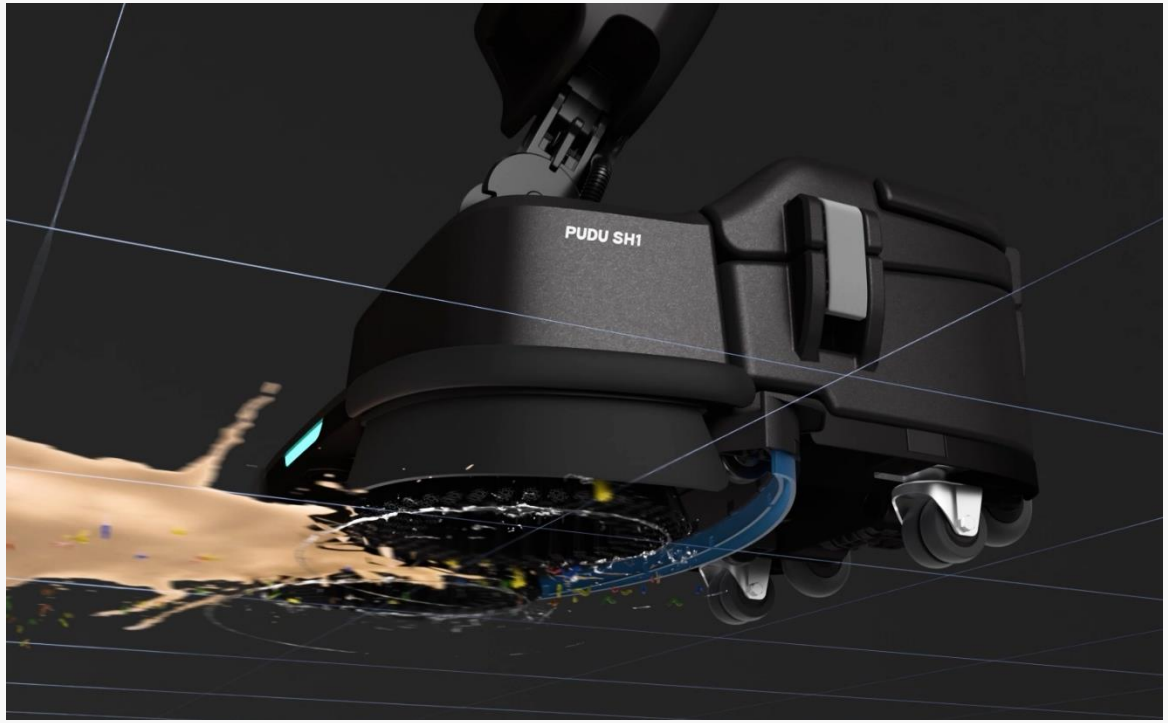
27kg
Brush Pressure

350rpm
Brush Speed

70% ↑
Cleaning Efficiency

80% ↓
Water & Solution Usage

Compared to a conventional mop, SH1 saves 80% on water and cleaning agent usage and reduces cleaning time by 70%. Powerful high-pressure, high-frequency cleaning quickly dissolves even the toughest stains, instantly restoring the floor to pristine condition.



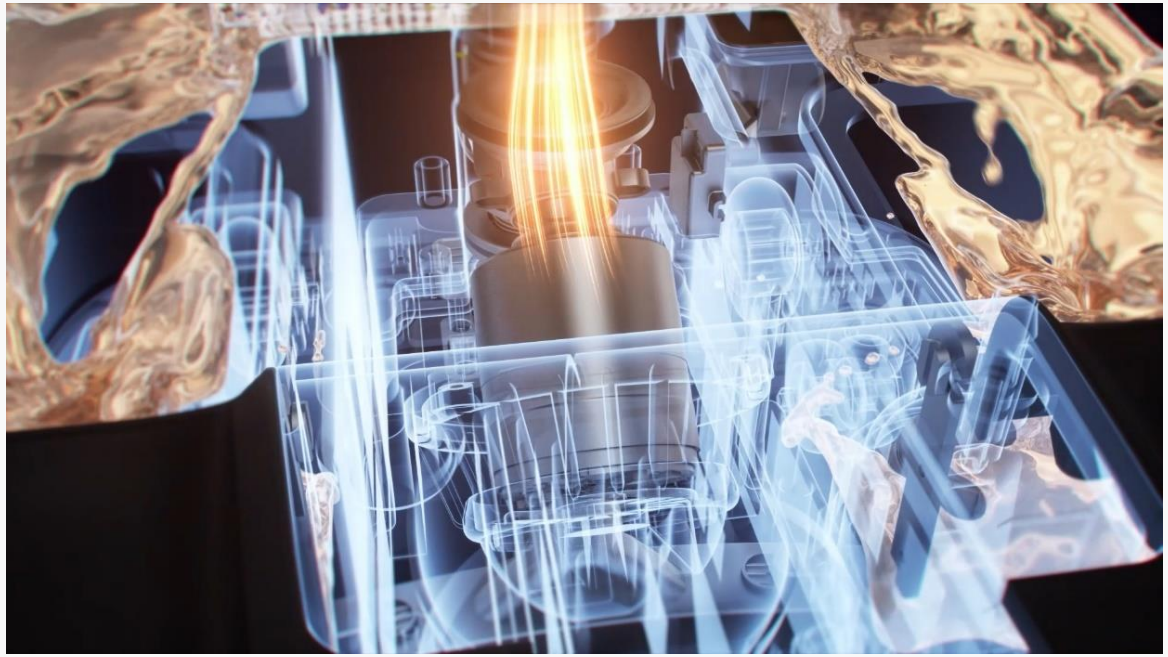
Product Features

20000 Pa

Suction Power

Instant Scrub-and-dry Capability

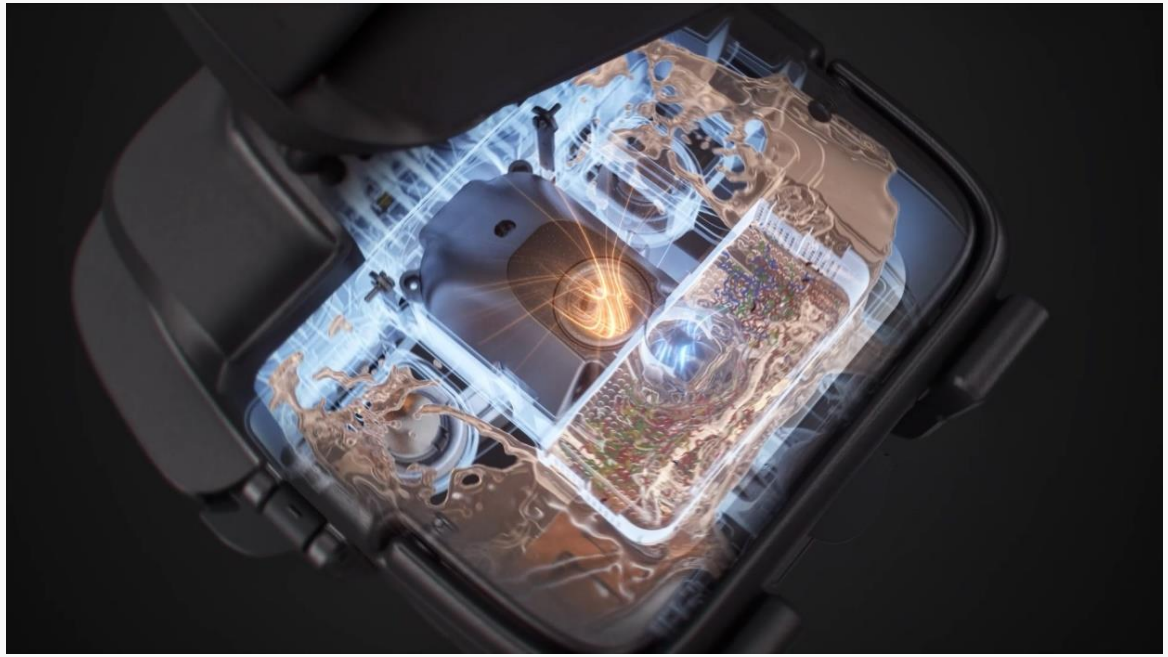
The powerful brushless motor and squeegee dry the floor quickly and efficiently, avoiding secondary pollution and delivering a great cleaning result.



Product Features

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.



The inner filter box needs to be purchased separately.

Multi-dimensional Cleaning

Product Features

Multi-dimensional Cleaning

Vertical Surface 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.

Dead Zone Cleaning

Equipped with specialized attachments, the PUDU SH1 extends its cleaning capabilities effortlessly, ensuring even the most hard-to-reach areas are left spotless.

Product Features

Multi-dimensional Cleaning

Low-profile Area Cleaning

360° Surround Cleaning

Edge Cleaning

Product Features

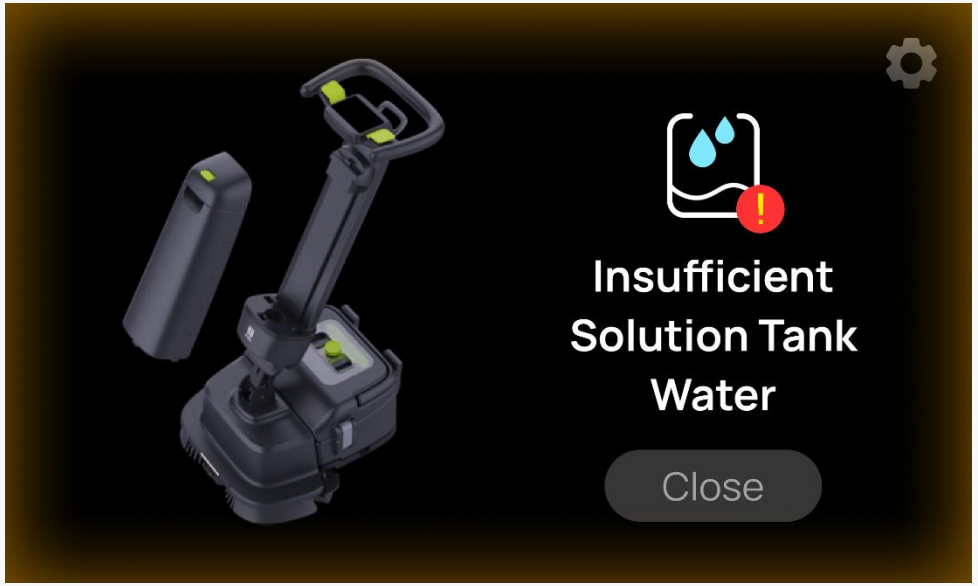
Touch Screen Interface

Featuring a 4.2-inch touch screen, enhanced with visual and audio cues for an innovative interactive experience. It's as user-friendly as a smartphone, putting training videos right at your fingertips.

Product Features

Real-time Components Monitoring

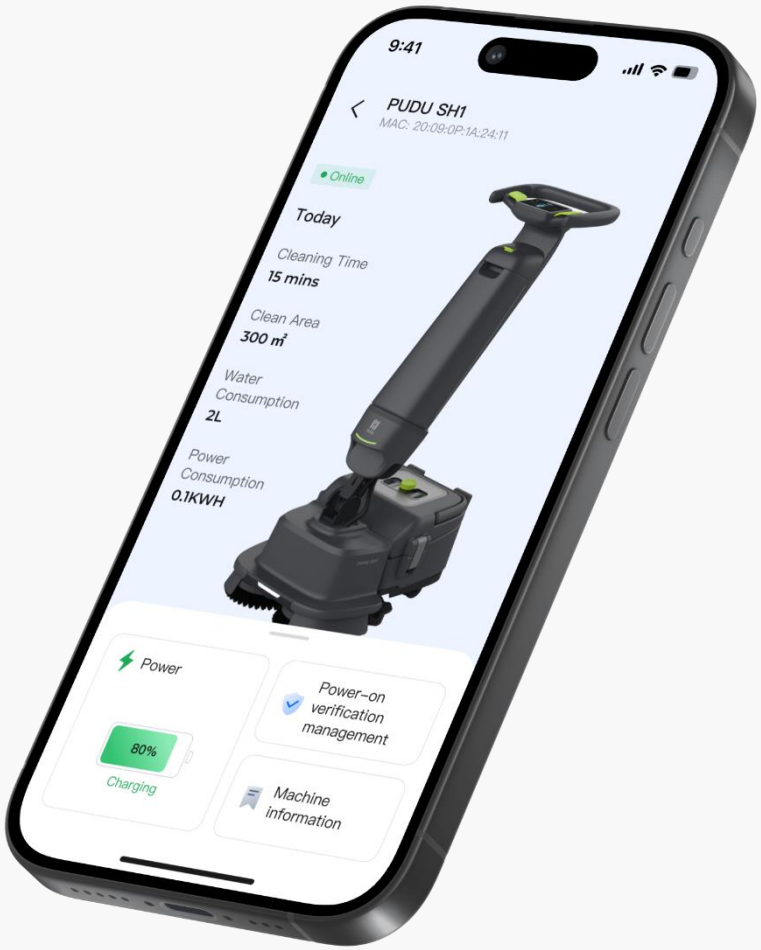
Equipment malfunctions resulting from improper handling (like blocked wastewater pipes or use on excessively rough floors) and inherent device faults are promptly flagged with intuitive alerts and guided resolutions. This proactive approach greatly minimizes the risk of damage to the machine and boosts operational efficiency.



Product Features

PUDU Link-Cleaning Report

Receive post-cleaning notifications that offer insights into your cleaning session. You'll get detailed reports on the duration of cleaning, water usage, and the area cleaned, giving you a comprehensive overview of your cleaning performance after the job is done.



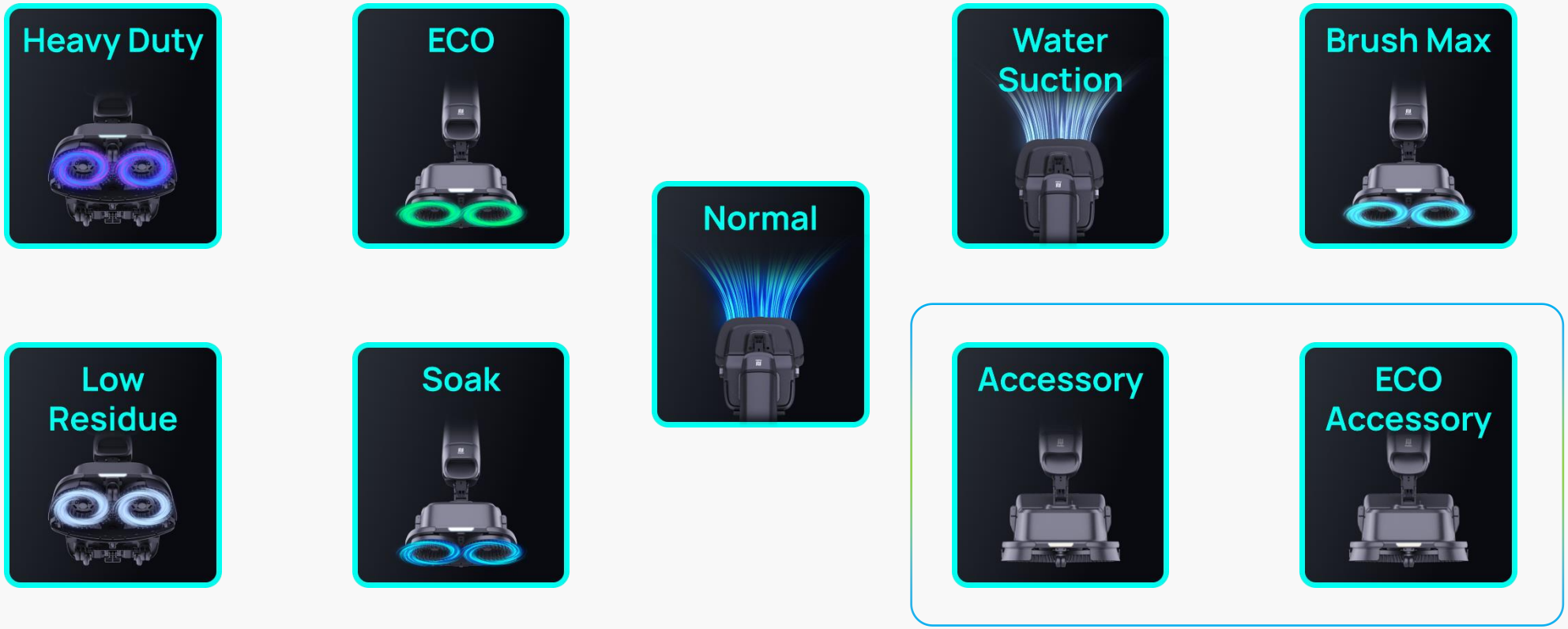
Product Features

Modular Design

The quick-release design of PUDU SH1 simplifies the cleaning and maintenance process. Scrubbing brushes, squeegees, water tanks, and batteries are all designed for easy removal and reattachment, allowing for hassle-free servicing and efficient turnaround.

Product Features

7+2 Cleaning Modes

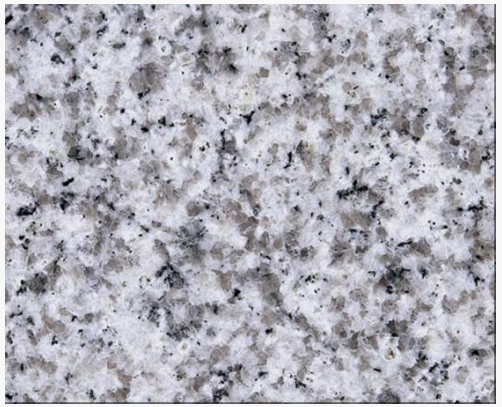


Product Features

Suitable for use on a variety of floor materials

Tile

Terrazzo



Granite

Marble

Epoxy Finish

Hardwood Flooring

CONTENT

Product Overview

Product Features

Product Value

About PUDU

Product Value

Efficiency Revolution

The SH1 redefines cleaning efficiency, offering a 70% reduction in cleaning time compared to traditional mopping. This advanced scrubber dryer allows for quicker turnarounds, ensuring spaces are kept impeccably clean with minimal downtime.

Improved Safety

With its rapid-dry feature, the SH1 ensures floors are promptly clean and safe, proving to be a valuable asset in both time management and risk reduction.

Product Value

Brand Image Enhancement

Cleanliness and ambiance are pivotal in shaping customer perceptions. Impeccable hygiene and a welcoming space leave lasting impressions, enhancing your brand image and fostering loyalty that's essential for your business's enduring success.

For Sustainability

PUDU SH1 reflects a commitment to sustainability with its efficient motor design, brushless motors, lithium batteries, and energy-saving modes. The product meets ROHS certification standards, ensuring it adheres to strict environmental guidelines.

CONTENT

Product Overview

Product Features

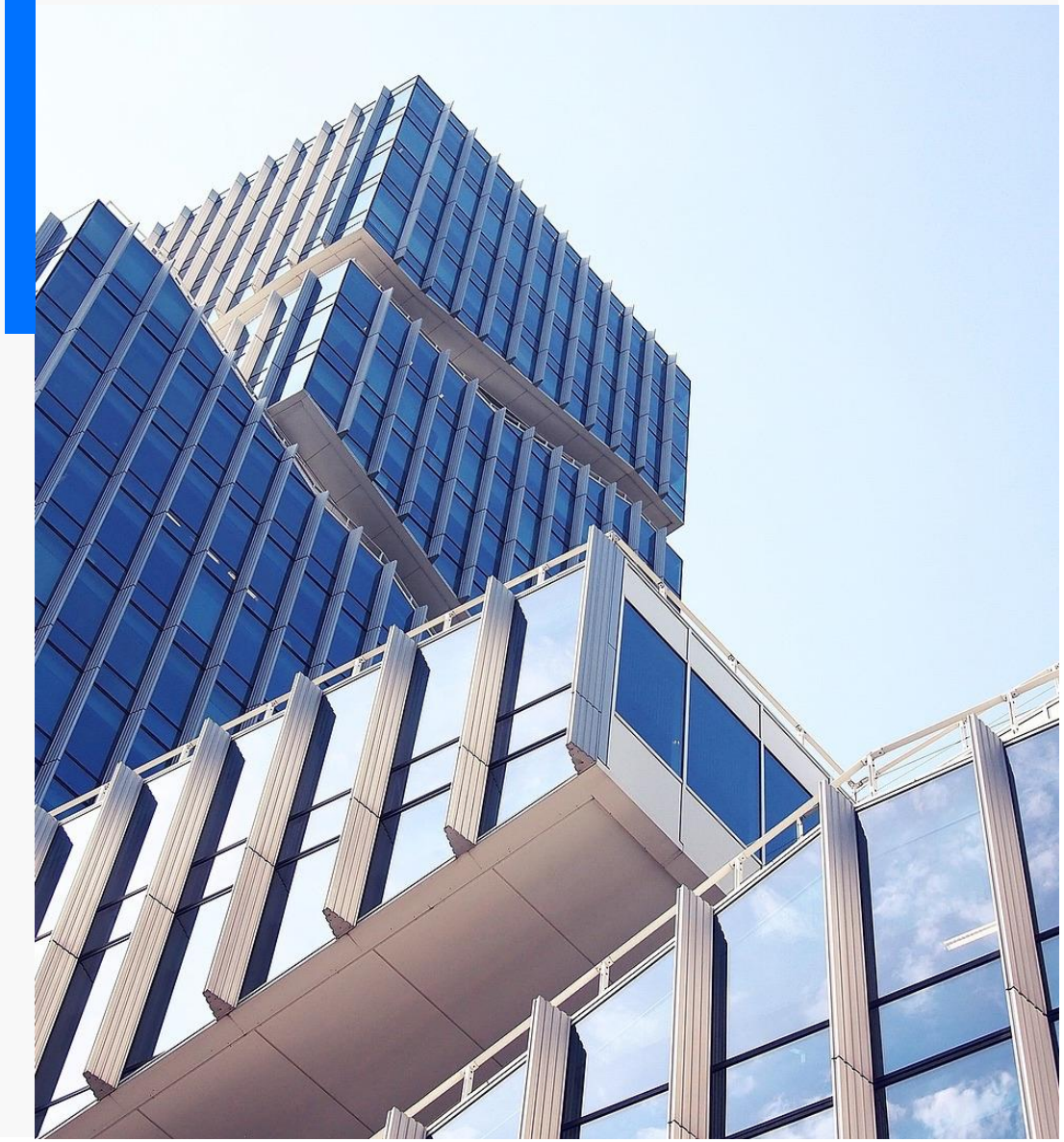
Product Value

About PUDU

Pudu Robotics

Pudu Robotics, a global leader in the service robotics sector, is dedicated to enhancing human productivity and living standards through innovative robot technology.

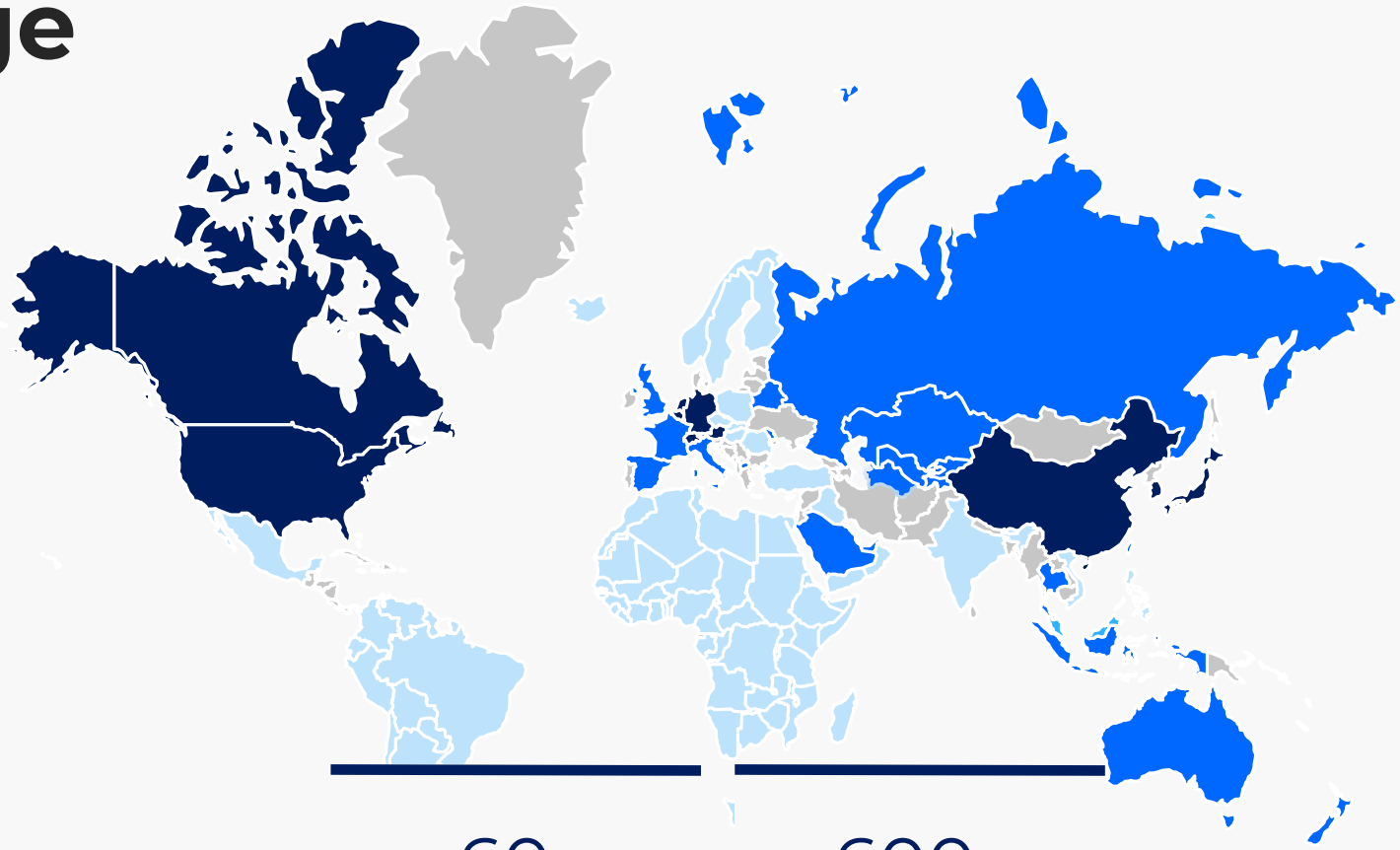
With a focus on R&D, manufacturing, and sales of service robots, Pudu Robotics holds nearly a thousand authorized patents worldwide, encompassing a wide range of core technologies. The company's robots have been widely adopted in various industries, including dining, retail, hospitality, healthcare, entertainment, education and manufacturing. To date, Pudu Robotics has successfully shipped over 80,000 units to a variety of markets, with a presence in more than 60 countries and regions worldwide.



Scale Advantage

Globalization

Pudu Robotics has established a business presence in North America, Europe, East Asia, Asia-Pacific, the Middle East and Latin America. The products have been exported to more than 60 countries and regions around the world, covering more than 600* cities worldwide. Pudu Robotics has established a trustworthy international brand image and become one of the representative enterprises of China's "intelligent" manufacturing abroad.



60 +

Cover more than 60 countries and regions

600 +

Over 600 cities

* Relevant statistics as of Jan. 2024

Cooperation

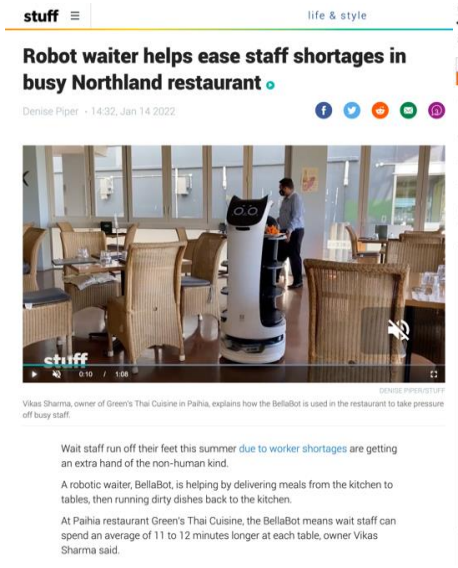
80% **The market share of Top 100 restaurant clients** **40,000+** Deployed Store

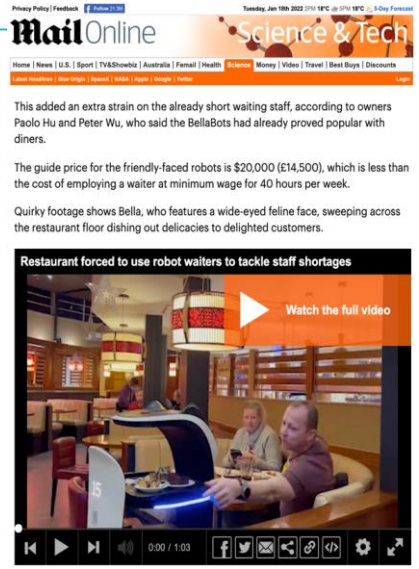
Catering Partners

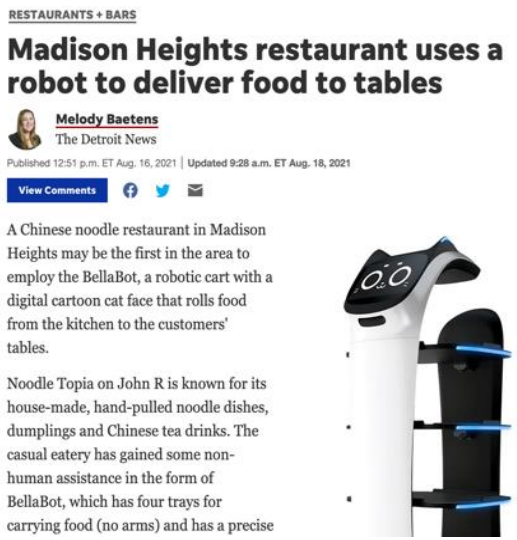
Non-Catering Partners

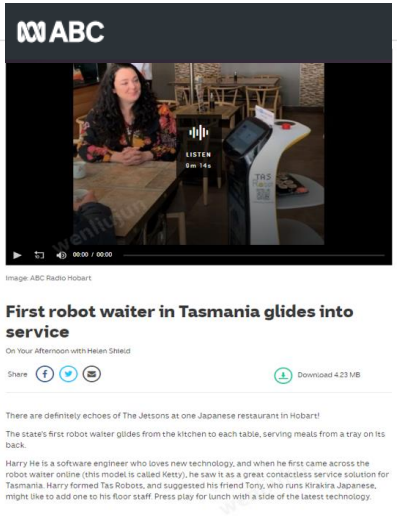
Software and Hardware Partners

Media Coverage









CGTN · CNN · FOX NEWS RIGHT NOW · CBC · CTV · techradar · BBC · THE CHANNEL CO. CRN

Mail Online · The Star · stuff · 9NEWS · Bloomberg · Forbes · AP · The Detroit News

PUDU

LEANPRODUCTS
Lean manufacturing
www.LeanProducts.eu

Thank you!

+86 755-86952935

Global_sales@pudutech.com

11/F, Building 2A, Shenzhen International Inno Valley Phase 1, Dashi 1st Road, Nanshan District, Shenzhen, China 518300