



PUDU SH1

SMART UPRIGHT SCRUBBER DRYER





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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 conversational mop, the SH1 enables effortless, professional-level floor care for all users.

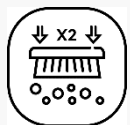




Key Features



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
Machine Weight	27KG
Cleaning Productivity	1100-1600m ² /h
Working Width	44cm
Squeegee Width	49cm
Solution Tank Capacity	4L
Recovery Tank Capacity	4L
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



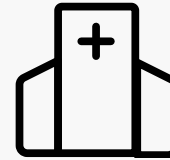
Food & Beverage



Contract Cleaner



Supermarket



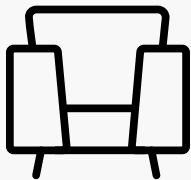
Health Care



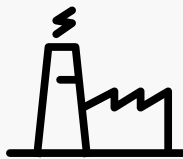
Retail



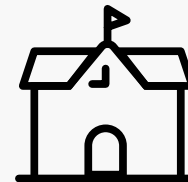
Transportation



Hospitality



Manufacturing



Education



More...



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Product Features

Powerful Cleaning Capabilities

27kg

Brush Pressure

350rpm

Brush Speed

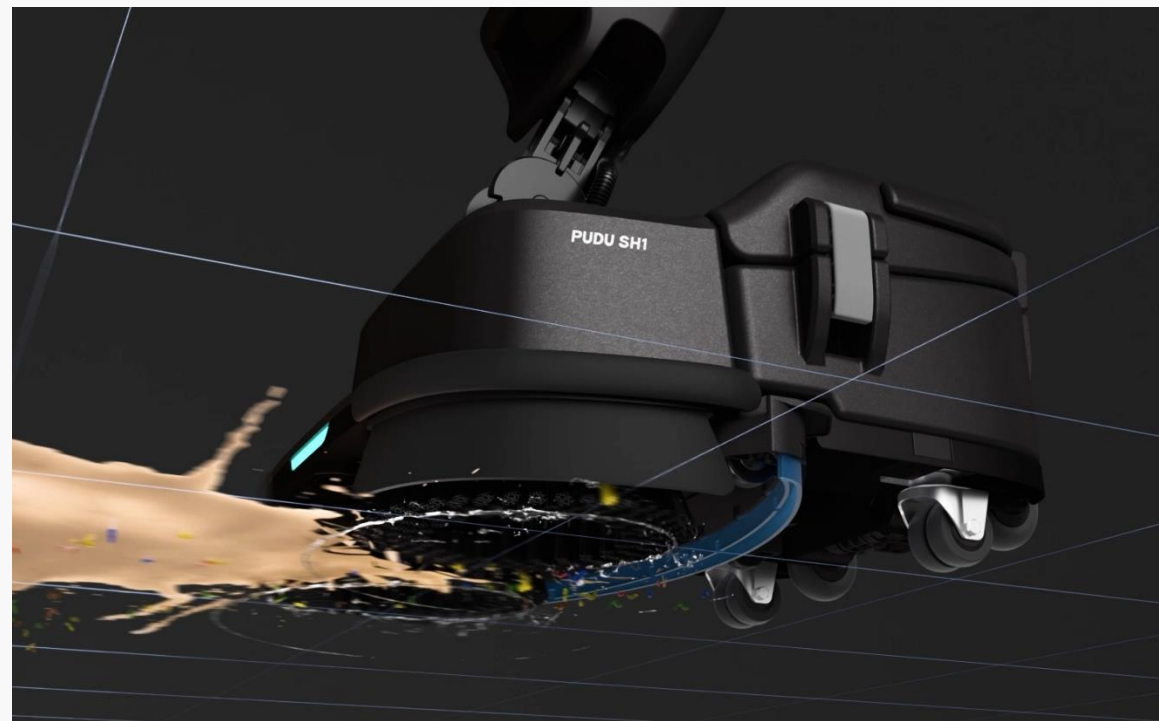
70% ↑

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.

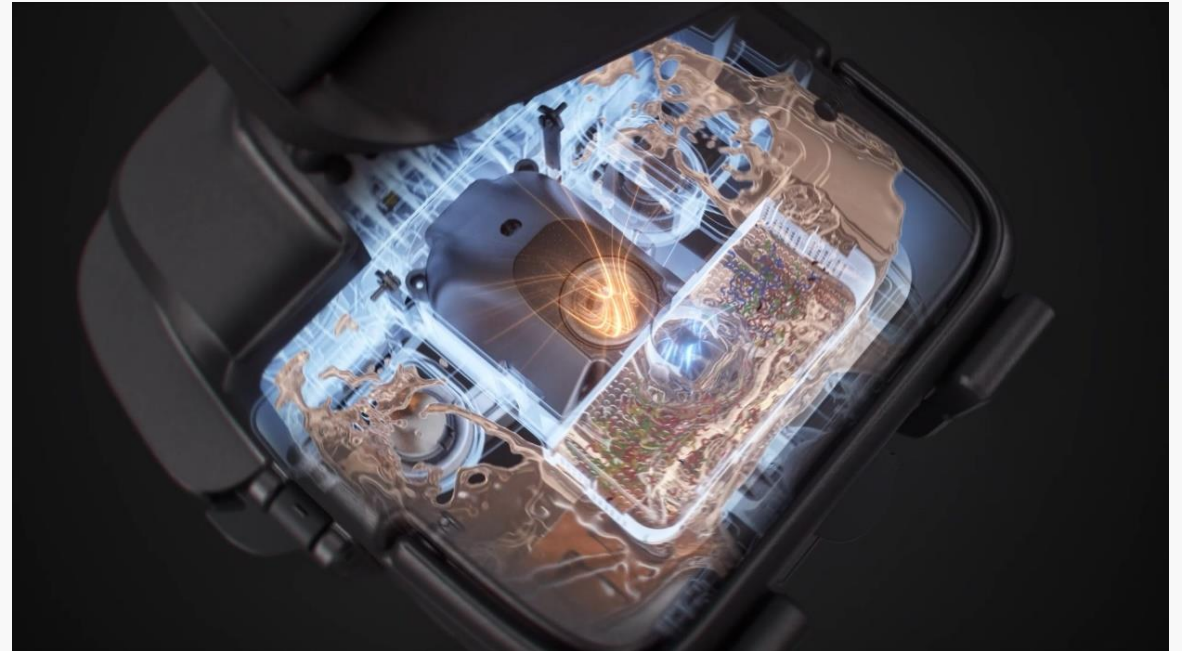




Product Features

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.



Multi-dimensional Cleaning

Low-profile Spaces Cleaning



Glass Window Cleaning



Edge Cleaning



Table Top Cleaning



Regular Floor 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.



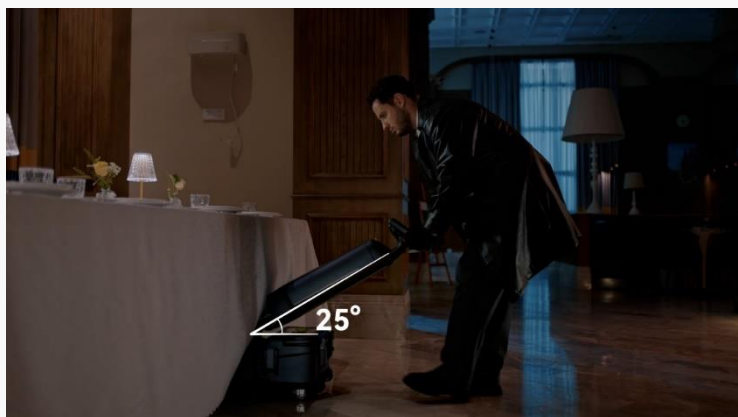
Dead Zone Cleaning

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

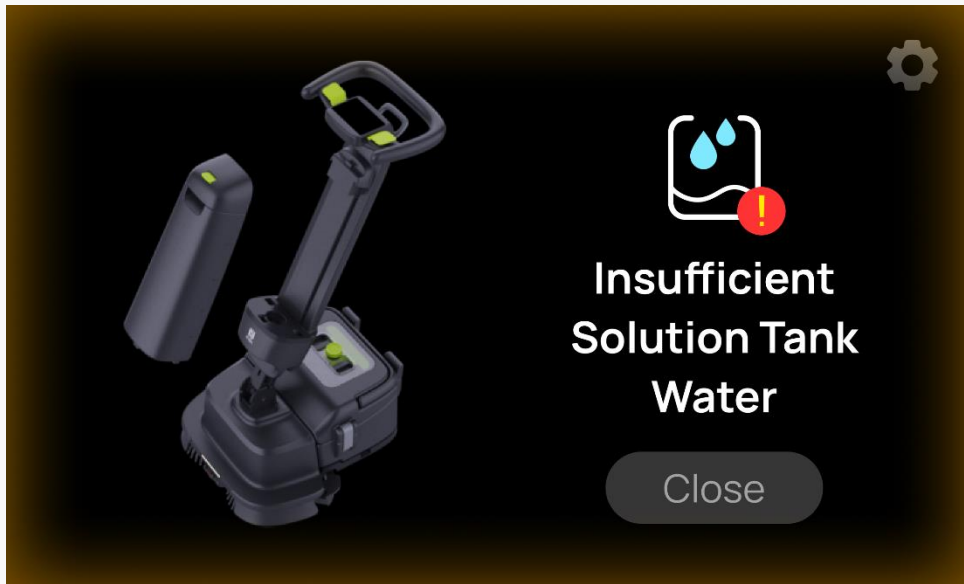
Featuring a 4.2-inch touch screen, enhanced with visual and audio cues for an innovative interactive experience. It's as user-friendly as a smartphone, putting training videos right at your fingertips.



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.

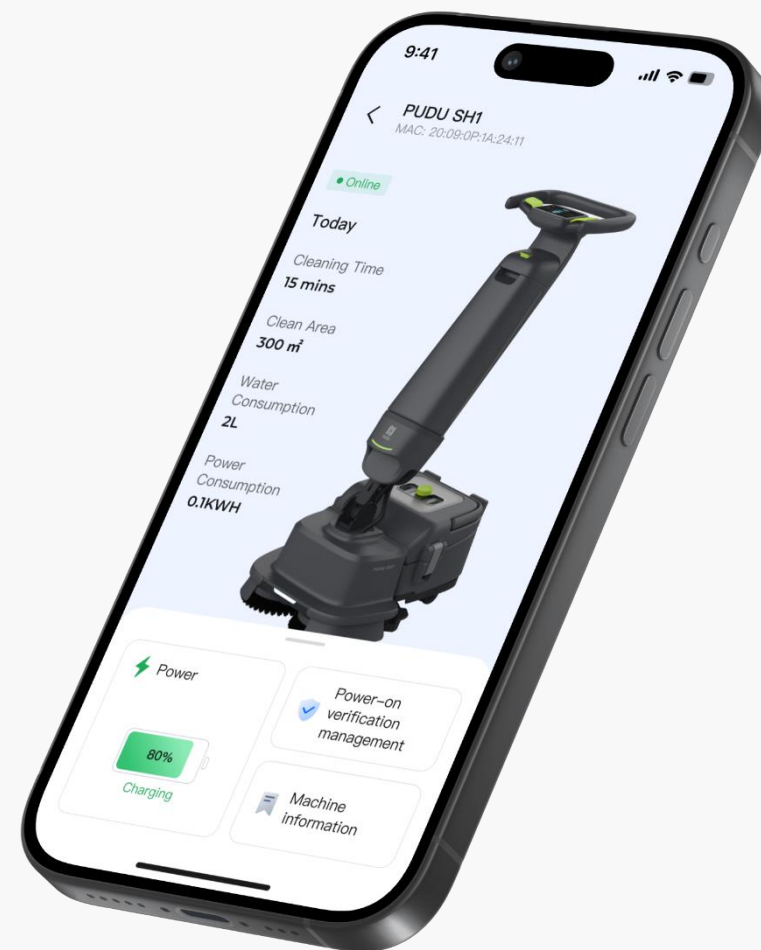




Product Features

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

Heavy Duty



ECO



Normal



Water Suction



Brush Max



Low Residue



Soak



Accessory



ECO Accessory





Product Features

Suitable for use on a variety of floor materials



Tile



Terrazzo



Granite



Marble



Epoxy Finish



Hardwood Flooring



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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.



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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 70,000 units to a variety of markets, with a presence in more than 60 countries and regions worldwide.

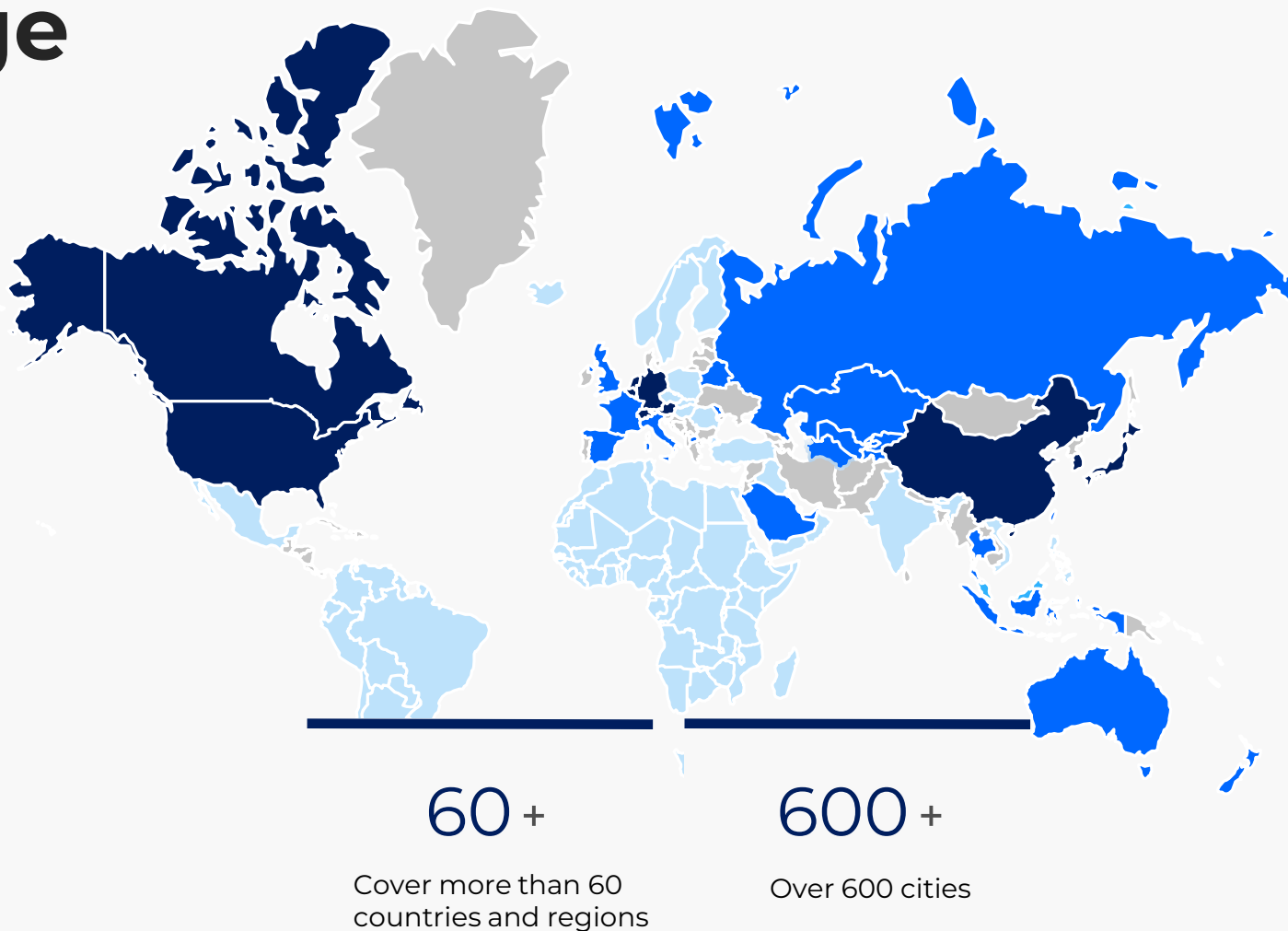




Scale Advantage

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.

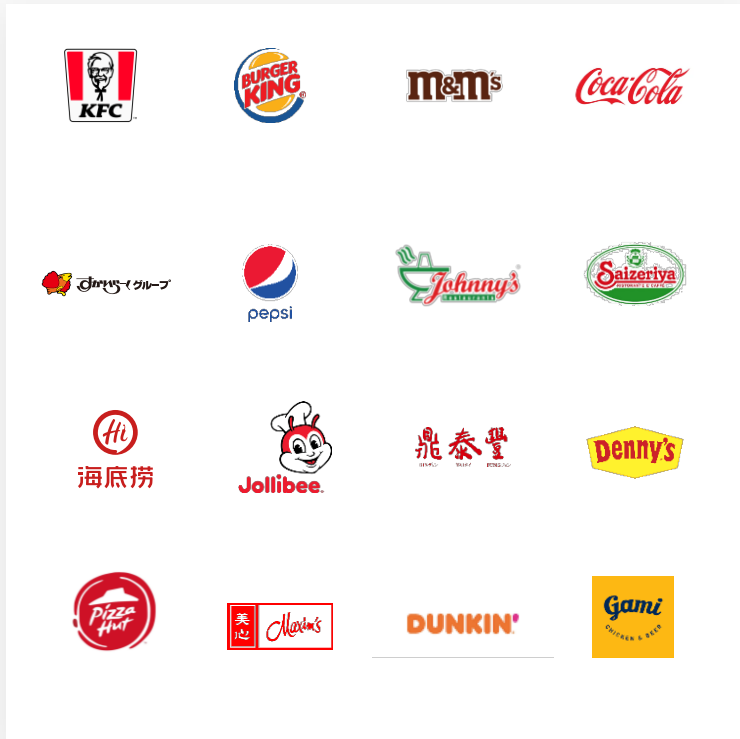


* Relevant statistics as of Jan. 2024

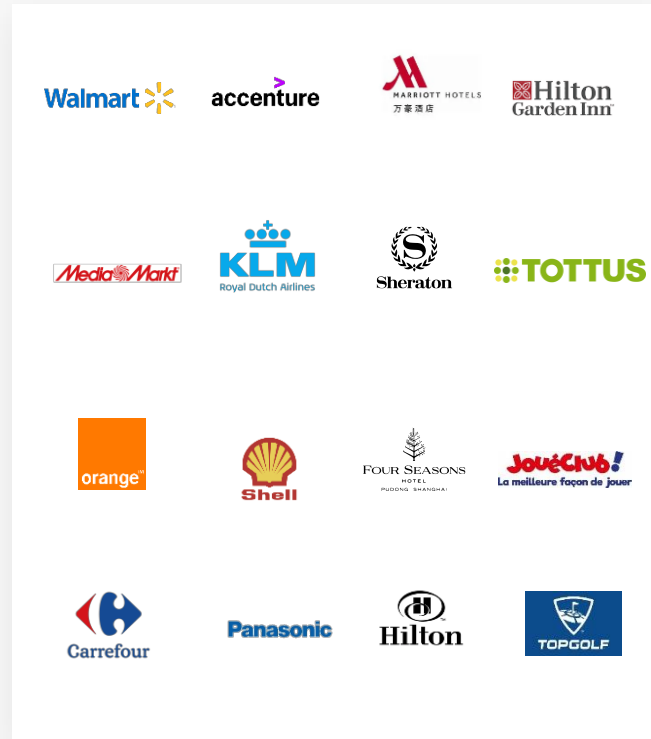


Cooperation

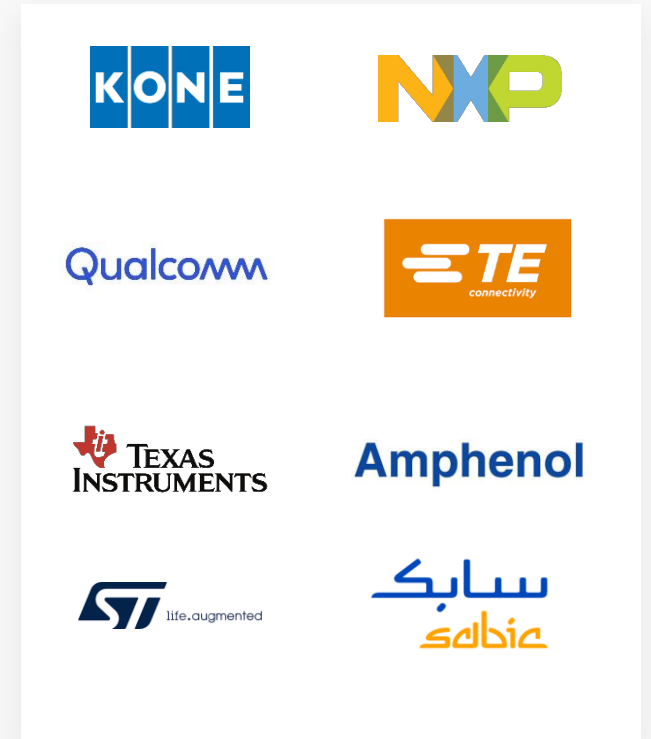
80% The market share of Top 100 restaurant clients 40,000+ Deployed Store



Catering Partners



Non-Catering Partners



Software and Hardware Partners



Media Coverage

stuff life & style

Robot waiter helps ease staff shortages in busy Northland restaurant

Denise Piper - 14:32, Jan 14 2022



Vikas Sharma, owner of Green's Thai Cuisine in Pahiia, explains how the BellaBot is used in the restaurant to take pressure off busy staff.

Wait staff run off their feet this summer due to worker shortages are getting an extra hand of the non-human kind.

A robotic waiter, BellaBot, is helping by delivering meals from the kitchen to tables, then running dirty dishes back to the kitchen.

At Pahiia restaurant Green's Thai Cuisine, the BellaBot means wait staff can spend an average of 11 to 12 minutes longer at each table, owner Vikas Sharma said.

MailOnline Science & tech

Robot waiter helps ease staff shortages in busy Northland restaurant

This added an extra strain on the already short waiting staff, according to owners Paolo Hu and Peter Wu, who said the BellaBots had already proved popular with diners.

The guide price for the friendly-faced robots is \$20,000 (£14,500), which is less than the cost of employing a waiter at minimum wage for 40 hours per week.

Quirky footage shows Bella, who features a wide-eyed feline face, sweeping across the restaurant floor dishing out delicacies to delighted customers.

Restaurant forced to use robot waiters to tackle staff shortages


Watch the full video



CGTN Europe

Could robots fill the UK's service industry staff shortages?

Catherine Drew in London



Robotics have been widely used in a number of areas but it is still a challenge to get them to work in a service industry like the restaurant sector. Robots in the service industry are the subject of a study by the University of Cambridge. It is being expected to deliver food from the kitchen to the dining area, serving orders to the customer. It is very difficult for robots to work in a restaurant. The study is still in progress.

U.K. King's College London study on development of China-Germany trade

AP Pudu Robotics' New Afra C1 Cleaning ... CES 2022

Pudu Robotics, the global leader in commercial service robots, has enhanced its rich product portfolio with its new Afra C1 cleaning robot, which made its global debut on day one of CES 2022. The first international appearance of Afra C1 marks Pudu Robotics' official entry into the commercial cleaning robot market, as it seeks to explore applications of digital technology to hygiene and sanitation services.



RESTAURANTS + BARS

Madison Heights restaurant uses a robot to deliver food to tables


Melody Baetens The Detroit News

Published 12:51 p.m. ET Aug. 16, 2021 | Updated 9:28 a.m. ET Aug. 18, 2021

View Comments

A Chinese noodle restaurant in Madison Heights may be the first in the area to employ the BellaBot, a robotic cart with a digital cartoon cat face that rolls food from the kitchen to the customers' tables.

Noodle Topia on John R is known for its house-made, hand-pulled noodle dishes, dumplings and Chinese tea drinks. The casual eatery has gained some non-human assistance in the form of BellaBot, which has four trays for carrying food (no arms) and has a precise



ABC

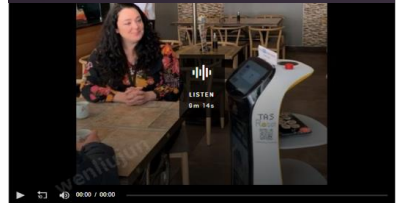


Image: ABC Radio Hobart

First robot waiter in Tasmania glides into service

On Your Afternoon with Helen Shield

Share

Download 4.23 MB

There are definitely echoes of The Jetsons at one Japanese restaurant in Hobart! The state's first robot waiter glides from the kitchen to each table, serving meals from a tray on its back.

Harry He is a software engineer who loves new technology, and when he first came across the robot waiter online (this model is called Kuri), he saw it as a great contactless service solution for Tasmania. Harry formed Tas Robots, and suggested his friend Tony, who runs Kirakira Japanese, might like to add one to his floor staff. Press play for lunch with a side of the latest technology.

