

PHOENIX

Phoenix (PUDU MT1) is the world's first AI-powered sweeping robot designed for large-scale environments (up to 100,000 m²), delivering exceptional performance and comprehensive cleaning capabilities. With cleaning results rivaling ride-on sweepers, it is dedicated to providing an efficient and seamless cleaning experience.

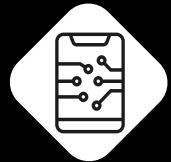
The dual disc brushes easily handle larger debris like leaves and bottles, while efficiently sweeping up fine dust and dirt to ensure no small particles are left behind.

Phoenix excels at close-edge cleaning, ensuring it hugs walls and corners tightly for thorough coverage without leaving gaps.



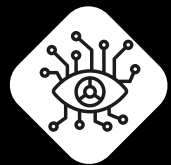
NO DEBRIS TOO BIG OR SMALL

With a 35L waste bin capacity and a 70cm effective cleaning width, this system handles debris of all sizes.



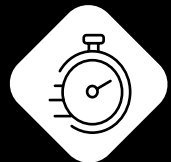
AI TRASH RECOGNITION

Equipped with AI cameras that can recognise and identify various types of trash in real time, continually learning and evolving through deep learning and database updates.



AI SPOT CLEANING

Features an ultra-wide scanning view, effortlessly covering large areas. During routine patrols, it accurately detects and efficiently cleans up waste, making cleaning smarter and more convenient.



24/7 CONTINUOUS OPERATION

With its long run-time, fast charging, and automated docking, Phoenix operates 24/7, completing three full-charge cycles per day to ensure continuous, round-the-clock cleaning.



Specification	Phoenix (PUDU MT1)
Dimensions (L x W x H)	84 x 60 x 49 cm
Cleaning Width	70 cm
Run Time	4-8 hours
Charge Time	<3 hours
Productivity	1,800 m ² /h
Rubbish Tray Capacity	35 litres
Weight	65 kg
Cruise Speed	0.2 - 1.2 m/s
Maximum passing distance	75 cm