

NOVA

Nova is an autonomous scrubber dryer with a unique 32-beam 3D Lidar, meaning it has unmatched safety capabilities, and can detect drops, objects, glass walls, and low objects.

Nova is a highly productive machine with intelligent autonomous driving and adaptive cleaning capability. It is extremely easy to deploy and maintain, and uses less water than a standard scrubber dryer, meaning it is environmentally friendly.

The Lithium ion battery lasts from 3.5 - 6 hours without re-charge, and an optional workstation is available for auto re-charging and re-filling the machine.

The mobile App provides a simple and convenient way to manage and monitor the robots movement and receive essential performance information.



3D LIDAR TECHNOLOGY

Equipped with a 32-beam 3D laser, which can see as far as 150 metres ahead. The camera does not record or capture facial images, ensuring superior privacy.



HIGH COVERAGE RATE

The <5cm edge cleaning distance enables more thorough cleaning by reaching closer to walls and corners, ensuring greater coverage and minimising missed spots for a more comprehensive clean.



INTELLIGENT

Powered by an Nvidia AI Chip (32 TOPS), Nova combines advanced hardware with cutting-edge AI algorithms, achieving human-like precision and adaptability in cleaning tasks.



MOVEMENT DETECTION

The robot detects side movement and stops instantly, ensuring safety beyond just front-facing obstacles.

Specification	Nova
Dimensions (L x W x H)	105 x 61.5 x 104.5 cm
Cleaning Width	51 cm
Run Time	3.5 - 6 hours
Charge Time	4 hours
Maximum Speed	1.4 m/s
Productivity	2,570 m ² /h
Tank Capacity	55 litres
Minimum Passing Distance	<90 cm
Edge Cleaning	<5 cm
Brush Pressure	25 kg