

NEXUS

Nexus is a compact, flexible autonomous scrubber dryer designed for crowded environments.

With a 110 cm turn-around width and 81 cm passage width, it effortlessly navigates crowded areas, providing optimal performance for challenging environments.

Nexus is powered by multiple sensors - 32-beam 3D LiDAR, 3D depth cameras, a bumper sensor, etc.

An optional workstation is available for 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.



INTELLIGENT

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



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.



MOVEMENT DETECTION

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

Specification	Nexus
Dimensions (L x W x H)	82 x 61.5 x 107.5 cm
Cleaning Width	45 cm
Run Time	3 hours
Charge Time	2.7 hours
Productivity	1,944 m ² /h
Tank Capacity	38 litres
Maximum passing distance	81 cm
Edge Cleaning	<3 cm
Brush Pressure	20 kg