

FLOORBOTICS

VRS 55 Enduro

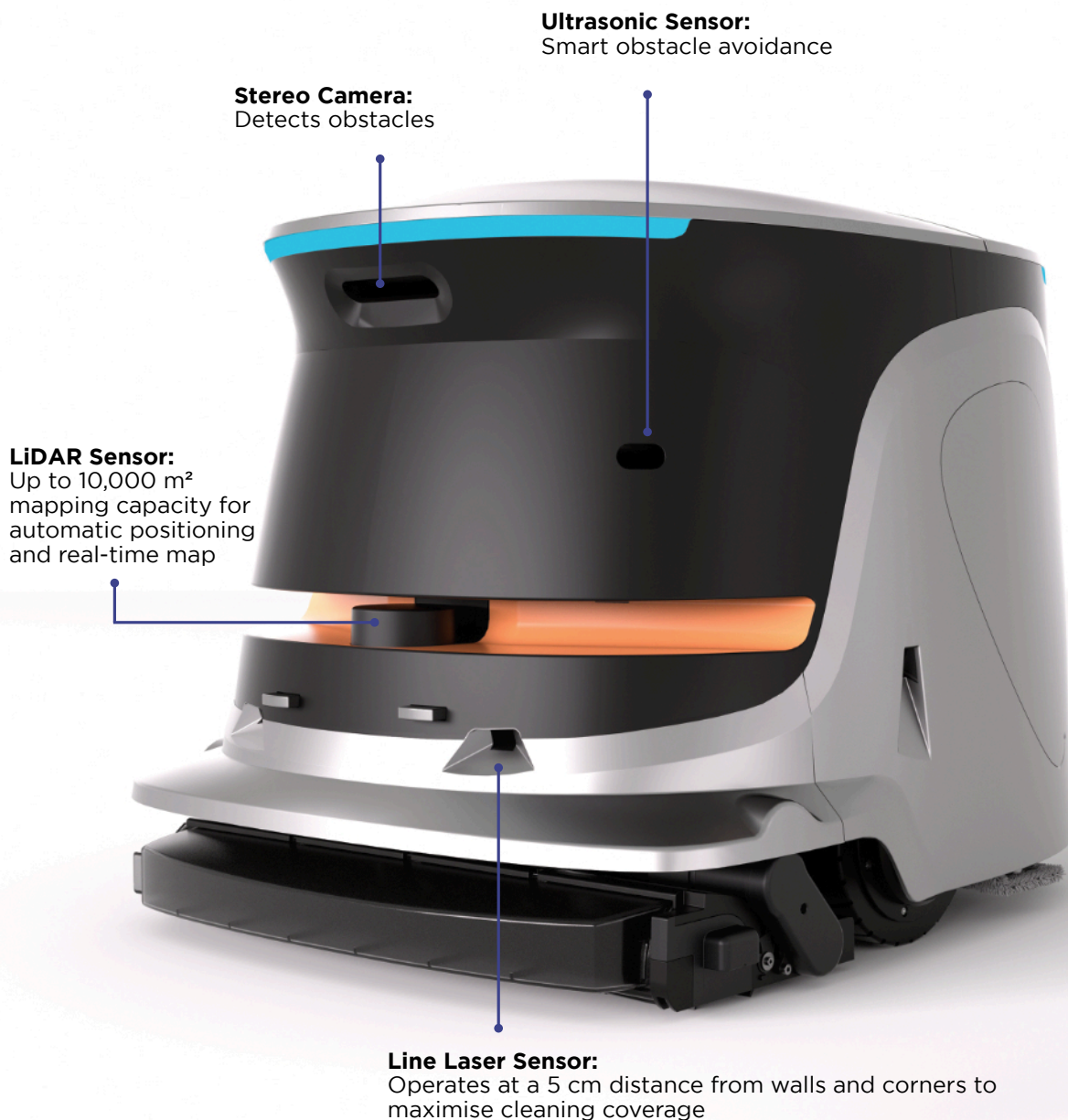
All-in-One Quick Clean Commercial Cleaning Bot



FloorBot
VRS 55 Enduro
Product
Brochure

About FLOORBOTICS

FLOORBOTICS employs cutting-edge technology to create set-and-forget robotic cleaners that run autonomously 24/7. With just a simple touch of a button, our robots spring into action, work on your tasks, and then notify you once they have completed their assigned tasks. With the use of sophisticated “set and forget” technology, daily cleaning problems can be minimised, leading to significant reductions in your ongoing expenses.



Leader in Robotic Cleaning Solutions



Maximise the effectiveness, efficiency, and consistency of your cleaning tasks

FloorBot VRS 55 Enduro

Complete Your Cleaning in One Go with the FloorBot VRS 55 Enduro

Meet the FloorBot VRS 55 Enduro – the ultimate robotic vacuum cleaner featuring advanced 3D Detection Linear Laser Technology for precise and efficient cleaning.

Designed for smart performance and safety, the FloorBot VRS 55 Enduro is equipped with 15 intelligent sensors, delivering a 360-degree safe operating environment. These include:

- Depth sensors for identifying objects, steps, cliffs, and other potential hazards
- Ultrasonic sensors for seamless obstacle avoidance
- LIDAR sensor with a mapping capability of up to 10,000 square metres, enabling automatic positioning and real-time map updates
- Line lasers that optimise cleaning coverage right up to 5 cm from walls and corners

The FloorBot VRS 55 Enduro also offers exceptional cleaning results, boasting a 97% water recovery rate. It removes stubborn dirt effectively without leaving water marks, helping to prevent secondary contamination and reduce the risk of slips and falls.



FloorBot VRS 55 Enduro

Product Specifications

Clear Water Tank Capacity	22 L
Waste Water Tank Capacity	15 L
Cleaning Efficiency	Scrub: 1,197 m ² /h Power Scrub: 1,197 m ² /h Sweep & Vacuum: 1,368 m ² /h ECO Vacuum: 1,368 m ² /h Dust Mop: 1,368 m ² /h Sweep, Vacuum & Mop: 1,368m ² /h
Cleaning Path	Zigzag
Gradability	Maximum uphill angle: 6°, Maximum operating slope: 8°
Minimum Passable Width	700 mm
Braking Distance at Full Speed	30 mm
Charging Cycle	<4 h
Battery Life (Approximate durations per cleaning mode)	Scrub: 4.5 h Power Scrub: 3.5 h Sweep & Vacuum: 4.5 h Sweep, Vacuum & Mop: 4.5 h ECO Vacuum: 19.5 h Dust Mop: 28 h
Noise Control	Scrub: 55 dB Dust Mop: 45 dB
Screen Size	10.1 inch
Weight	70 kg
Size (length x width x height)	650 mm x 580 mm x 550 mm
Cleaning modes	Scrub / Power Scrub / Sweep & Vacuum / Sweep, Vacuum & Mop / ECO Vacuum / Dust Mop

FloorBot VRS 55 Enduro

Cleaning Modes

Modes	Nylon Roller Brush	Water Pump	Microfiber Roller Brush	Vacuum	Mop Pad	Purpose
Scrub	☑	☑	☑	☑	☑	Standard cleaning for most types of flooring. Delivers the best overall cleaning results.
Power Scrub	☑	☑	☑	☑	☑	Ideal for heavily soiled hard floors requiring deep cleaning.
Dust Mop	X	X	X	X	☑	Designed for delicate surfaces such as polished timber or marble floors. Suitable where low noise levels are important.
Sweep & Vacuum	☑	X	☑	☑	X	Suitable for low-pile carpet and hard floors with moderate dust levels.
ECO Vacuum	☑	X	☑	☑	X	Optimised for silent operation while cleaning heavily dusted hard floors.
Sweep, Vacuum and Mop	☑	X	☑	☑	☑	Removes dust, dirt, and debris without the use of water.
Customised	☑	☑	☑	☑	☑	Cleaning tools can be configured differently to meet various cleaning needs.



Microfiber Roller Brush: Suitable for all types of hard flooring.



Spiral Nylon Roller Brush: Recommended for wooden and natural stone floors, including hardwood, mixed surfaces, and marble. Provides effective cleaning while helping to protect delicate finishes.



Extra-Soft & Dense Nylon Roller Brush: Ideal for hard surfaces such as ceramic tiles and concrete. Especially effective at removing stubborn surface stains.

A Comprehensive Floor Cleaning Solution for Small to Medium Facilities:

Applicable environments and flooring types



Marble



Granite



Epoxy



Rubber



Hardwood



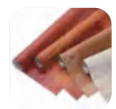
Tiles



Concrete



Mixed



PVC

Core Features:



All-in-One Cleaning

Sweeps, scrubs, vacuums, dusting and disinfects – all in a single operation.



Advanced Obstacle Avoidance

Over 15 high-precision sensors ensure a safe and intelligent working environment.



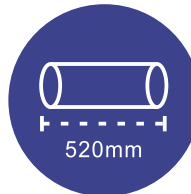
Ultra-Quiet Performance

Operates as quietly as 55 dB, even at full cleaning capacity.



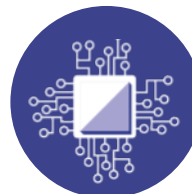
One-Click Deployment

Built-in application allows easy deployment and fast task activation.



High Cleaning Efficiency

Roller Brush Width: 520 mm
Mop Pad Width: 540 mm
Cleaning Coverage: 1,197-1,368 m²/h



Smart Digital Management:

Supports OTA (Over-the-Air) updates and generates detailed cleaning reports.



Easy Maintenance

Integrated pipe design reduces blockages. Modular cleaning tools allow hassle-free servicing



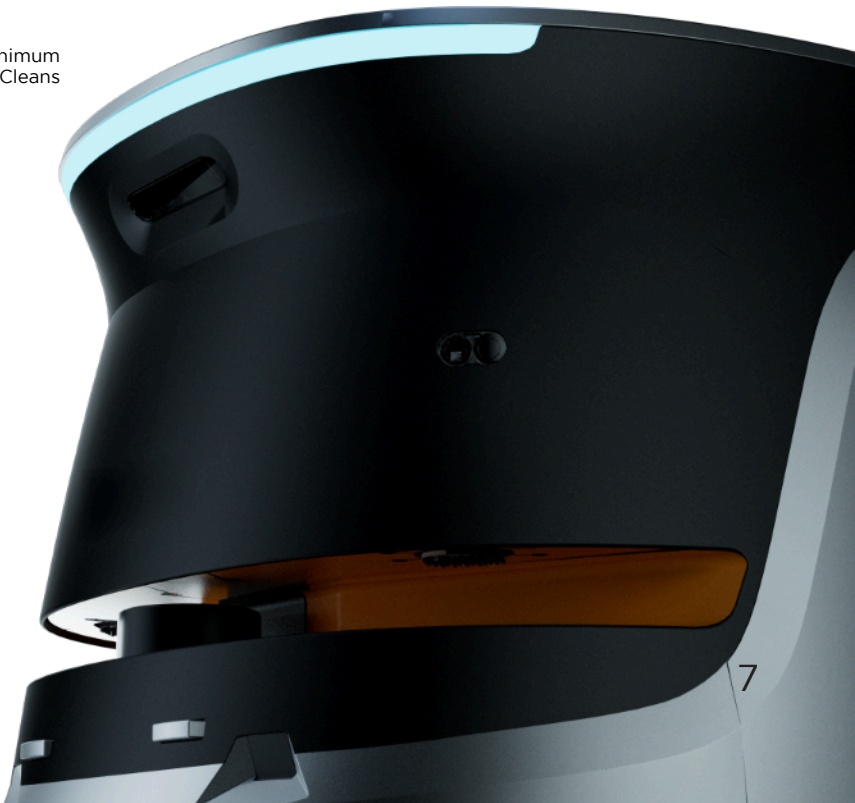
IoT Integration

Seamlessly enters and exits automatic lifts and gates for fully autonomous operation.



Flexible Movement

Up to 8° gradability and minimum passable width of 700 mm. Cleans under table and desks.



Easy Maintenance

Waste Water Tank:
Equipped with a strainer and nano colloidal silver, helping to prevent unpleasant odours.

Clean Water Tank:
Features an integrated ozone generator that continuously disinfects the cleaning water, reducing the risk of secondary floor contamination.

Low-curvature Pipe Design:
Allows for easy maintenance and fast removal of blockages

Integrated Pipe Design:
Streamlines liquid flow to minimise blockages that could lead to system malfunctions or downtime.



Applications

Whisper-Quiet Operation

Engineered with advanced soundproofing materials and a proprietary multi-stage noise reduction system, the FloorBot VRS 55 Enduro delivers exceptionally quiet performance — operating at just 55 dB, even in high-power mode. That’s significantly quieter than most handheld cleaning devices, which typically generate 20-30 dB more noise. Its ultra-quiet design makes it perfectly suited for noise-sensitive environments such as hospitals, hotels, aged care facilities, schools, and facilities management settings.



Accommodation



Offices/Commercial



Hospitality/Shopping Centre



Healthcare/Aged Care

FloorBot VRS 55 Enduro

Available in:



Autonomous mode



Schedule /fleet management



Desktop and mobile app



FloorBotics

www.floorbotics.com.au
1800 622 770
info@floorbotics.com.au

Follow us on social media @floorbotics

Subject to changes and errors. The information given in this document only contains general descriptions and/or performance features which may not always specifically reflect those described, or which may undergo modification in the course of further development of the products. The requested performance features are binding only when they are expressly agreed upon in the concluded contract.