

ECOBOT SCRUB 75 PRO

Designed with exclusive input from experts in the cleaning industry, the ECOBOT Scrub 75 features industry-leading technology in obstacle avoidance and autonomous navigation. Built to be the leader in autonomous cleaning, it might be the only machine you will ever need to save cost, increase productivity and keep your premises in pristine conditions.

Advantage:

- Able to map large areas in excess at 100,00m²
- Moderately priced to help drive productivity
- Starts anywhere on the map without specific starting point
- Ability to detect glass with long range laser and 3D camera included ultrasonic sensor all around for safe operation



TECHNICAL SPECS



Total Power:	2000-2400 W
Voltage:	24 V
Driving Motor power:	280 W
Brush Motor Power:	3 x 150 W
Brush Speed:	Up to 270 RPM
Water Suction Motor Power:	500 W
Water Suction Pressure:	18.18 kPa
Clean Water Tank:	75 L
Waste Water Tank:	55 L
Dimensions L x W x H:	1290 x 860 x 1120 MM
Noise:	55-70 dBA

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Safety Systems



1 x 3D Laser (150M)

- Ability to sense dynamic environments
- Superior safety standards
- Better in navigation and
- Improved performance and efficiency

2 x 2D Laser

- Superior drop-fall and short-height obstacle detection and avoidance
- Medium to Short-range detection and obstacle avoidance
- Ability to detect bags, bottles etc

16 x Ultrasonic sensors

- Ability to detect glass
- 360 Degree virtual wall protection
- No issues with retail mall anti-theft barriers



LED Blinker and Turn signals

- Visual alert of moving robot
- Left and Right light signals will light up when ECOBOT turns

Workforce Integration

- SMS alerts to operators in event of anomalies or when cleaning task is complete
- Prominent placement of emergency stop button

4 x 3D Depth Camera

- Front, Rear, Left and Right Camera Placement
- Near range obstacle avoidance
- Recording camera – Live View

Safety Audio Message Playback

- The ECOBOT can be programmed to play a safety audio message or to welcome the public to Jewel Changi Airport
- Additional safety audio message when meet an obstacle in its path