

Sveabot M100E

Autonomous Floor Scrubber

The smarter way to clean your floors



Clean Smarter

The Sveabot M100E is a versatile autonomous floor scrubber for 99% of ground surfaces. With 3D LiDAR and advanced algorithm, it learns and memorizes cleaning paths while autonomously navigating obstacles. The M100E dual-mode feature offers a more flexible cleaning approach while achieving cost savings and enhanced efficiency for businesses.



Autonomous Operation



3D Situational Awareness



Obstacle Avoidance



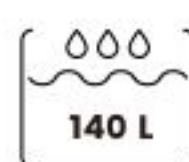
Automatic Path Planning



Full Charge in 4 Hours



Cruise Control



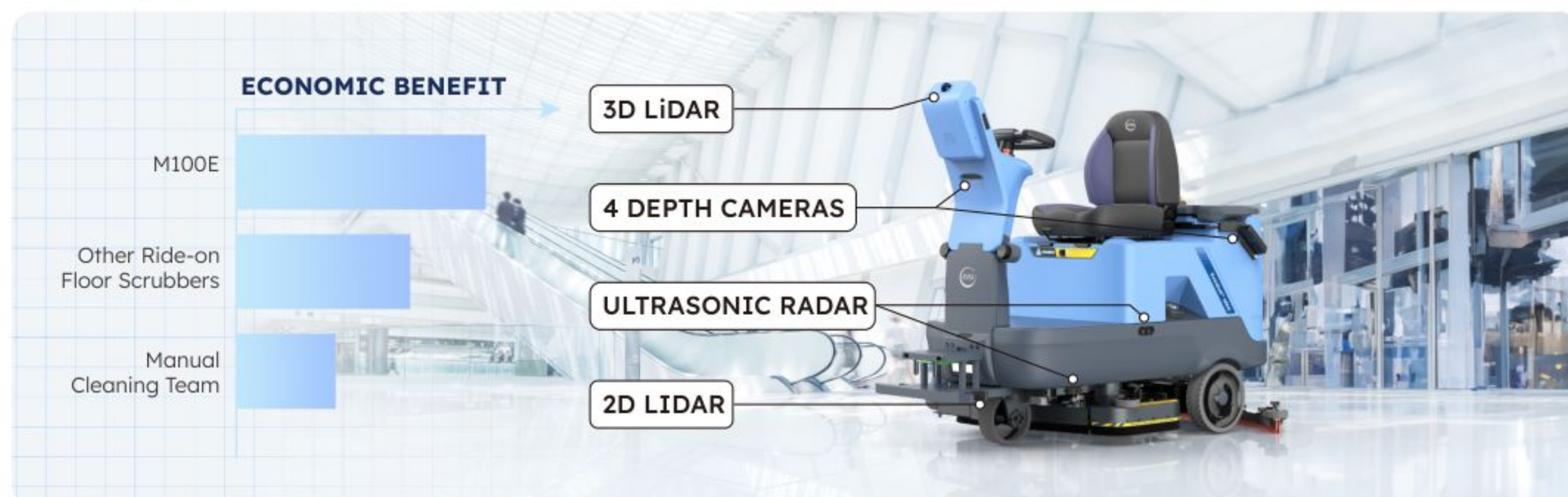
140 L Waste Water Tank



17 kPa Suction Power

Autopilot Mode

Sveabot M100E is driven by self-innovate chip, and runs four deep-sensing cameras and a 3D laser radar, achieving clean technology for autonomous driving. It significantly reduces the labor costs and increases efficiency.



860 mm
Cleaning Width

15° Full Load
Gradeability

17 kPa
Suction Power



2 Large Cleaning
Brushes

2 Drive Wheels
in the Rear

Squeegee

Outstanding Efficiency

Cleans 12000 m² per 4 hours of charge

Powerful Features

M100E is equipped with advanced technology, including path memory, auto brake, turning speed limit, zero turn, etc. One-time setup ensures a long term standardized operation.



Your Safety, Our Priority

A variety of security settings ensure safe operation, even in unmanned mode.



Blind Spot Detection



Rear View Camera



Obstacle Avoidance



Unrivaed Cleaning Performance

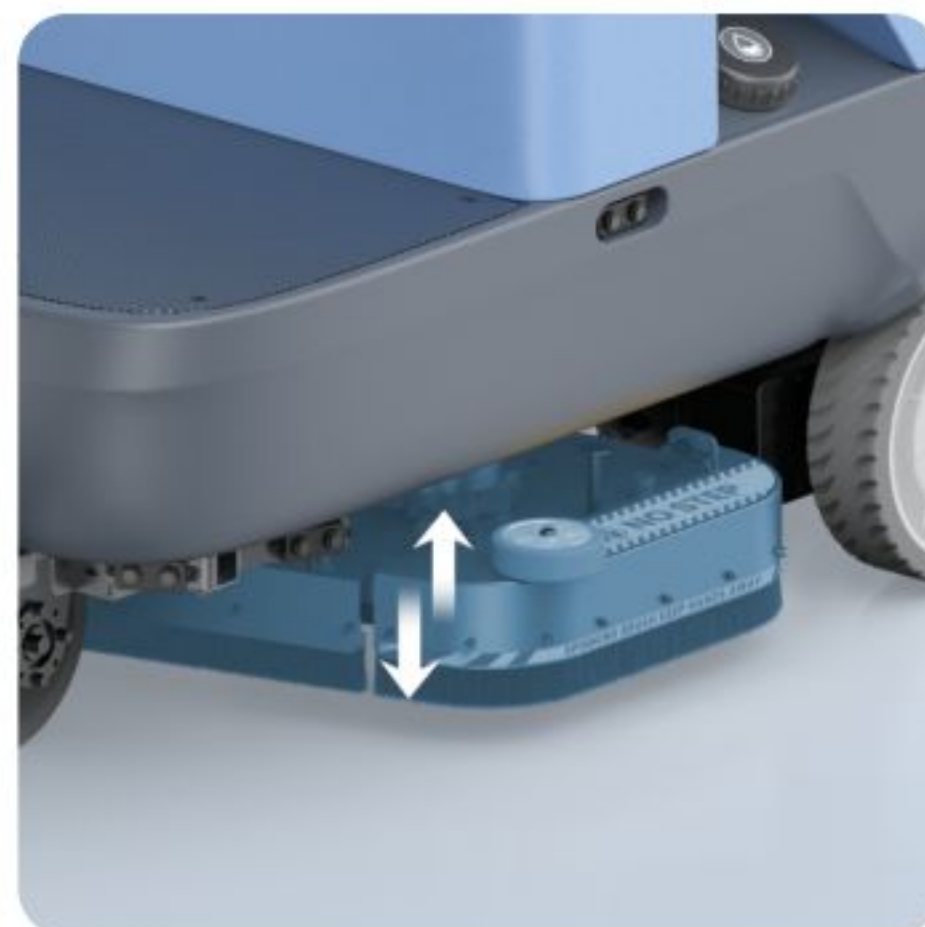
No trash was left behind after one round of cleaning, with 3 levels of brushing pressure, 17 kPa suction power, and a cleaning width of 860 mm.



Cleaning Width Of 860 mm



17 kPa Suction Power



3 Levels Of Brushing Pressure

Ultimate Flexibility

Easy switching between ride-on and autonomous cleaning modes.



99% of Floor Types

Easily adjust cleaning strength for floor types and dirt levels, ensuring thorough, damage-free cleaning.



Application Scenarios



SPECS

Model	Sveabot M100E
Dimension	1715 × 1120 × 1475 mm
Net Weight	318 kg
Noice Level	<75 dBA
Full Load Gradeability	15° (26%)
Minimum Turning Radius	1211 mm
IP Rating	IPX3
Maximum Speed	6.5 km/h
Driving Mode	Two rear-wheel drive

Battery Specs

Battery Type	Lithium-ion
Charging Time	4 hrs
Battery Life	3.5 hrs
Battery Capacity	4032 Wh
Voltage	DC 48 V

Disk Brush Specs

Type	Double Disk Brushes
Cleaning Width	860 mm
Max. Cleaning Speed	5590 m ² /h
Brush Speed	200 rpm
Brush Pressure	30/40/50 kg
Brush Diameter	406 mm
Suction Power	≥17 KPa
Fresh Water Tank	120 L
Waste Water Tank	140 L
Detergent Tank	5 L

Others

4G	✓
Wi-Fi	✓
3D LiDAR	✓
Algorithm Module	✓