



***Sveabot*™ M100 EFFICIENCY**

AUTONOMOUS FLOOR SCRUBBER

CLEAN SMARTER

The Sveabot™ M100 Efficiency 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 M100 Efficiency outperforms 5 workers, reducing businesses costs and boosting efficiency.



Autopilot Mode



3D LiDAR



Obstacle Avoidance



Path Memory



4-hour Fast Charging



Coverage Area Of 12,000 m²



140L Waste Water Tank



15 KPa Suction Power

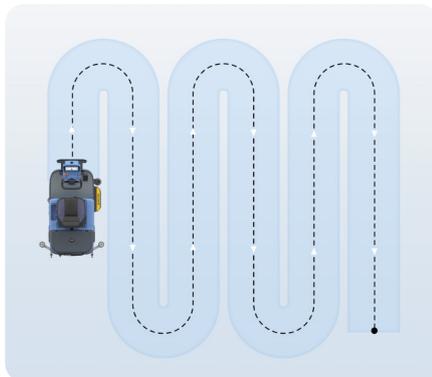
AUTOPILOT MODE

Sveabot™ M100 Efficiency 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.

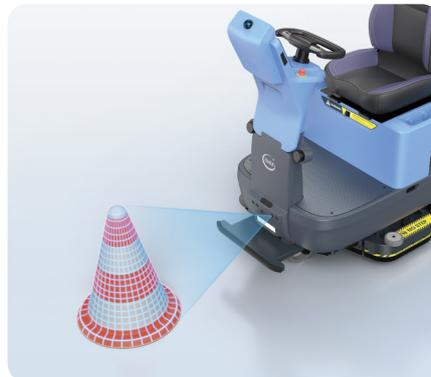


STANDARDIZED OPERATIONS

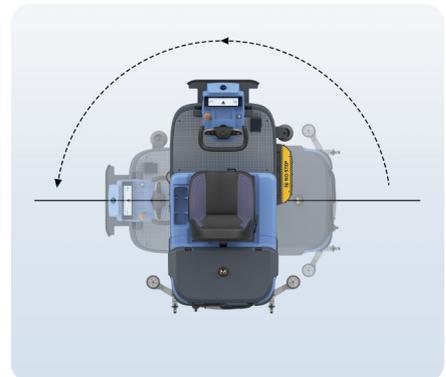
M100 Efficiency is equipped with advanced technology, including path memory, auto brake, turning speed limit, zero turn, etc. One-time setup ensures a long term Standardized operation.



Path Memory



Auto Brake



Zero Turn

YOUR SAFETY, OUR PRIORITY

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



Blind Spot Detection



Obstacle Avoidance



Reversing Image



UNRIVALED CLEANING PERFORMANCE

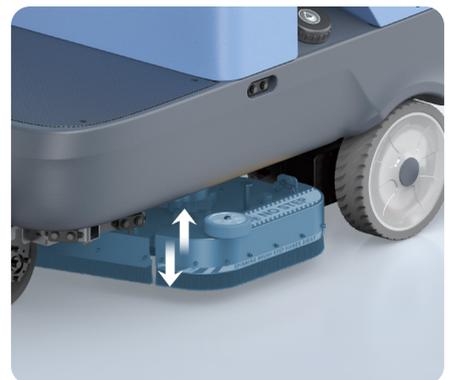
No trash was left behind after one round of cleaning, with 3 levels of brushing pressure, 15 KPa suction power, and a cleaning width of 860 mm. The cleaning capacity of an M100 Efficiency outperforms a 5-person group.



Cleaning Width Of 860 mm



15 KPa Suction Power



3 Levels Of Brushing Pressure

4-HOUR FAST CHARGE

Clean over 12,000 m² with a 4-hour full charge. Smart water pump controls water accurately, while large tanks minimize refills.



99% OF FLOOR TYPES

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



APPLICATION SCENARIOS



Parking Lot



Factory/workshop



Warehouse



Hotel Lobby



Office Building



Shopping Mall

SPECS

Model	Sveabot™ M100 Efficiency
Dimension	1600 * 940 * 1400 mm
Weight	Net Weight: 284 kg Full load: 440 kg
Noice Level	<80 dBA
Full Load Gradeability	15° (26%)
Minimum Turning Radius	1211 mm
IP	IPX3
Maximum Speed	6.5 km/h

Battery Specs

Battery Type	Lithium-ion
Charging Time	4 hrs
Battery Life	3.5 hrs
Battery Capacity	4000 Wh
Voltage	48 V

Disk Brush Specs

Type	Double Disk Brushes
Cleaning Width	860 mm
Cleaning Efficiency	3000 m ² /h
Brush Pressure	30/40/50 kg
Diameter	406 mm
Suction Power	>15 KPa
Fresh Water Tank	120 L
Waste Water Tank	140 L
Detergent Tank	5 L

Others

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

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SVEABOT,
WITH HUMANIZED DESIGN FROM SCANDINAVIA

Sveabot Tek AB is an industrial automation company spun off from Sveaverken Svea Agri AB, a Nordic agricultural automation provider with 110 years of history.

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