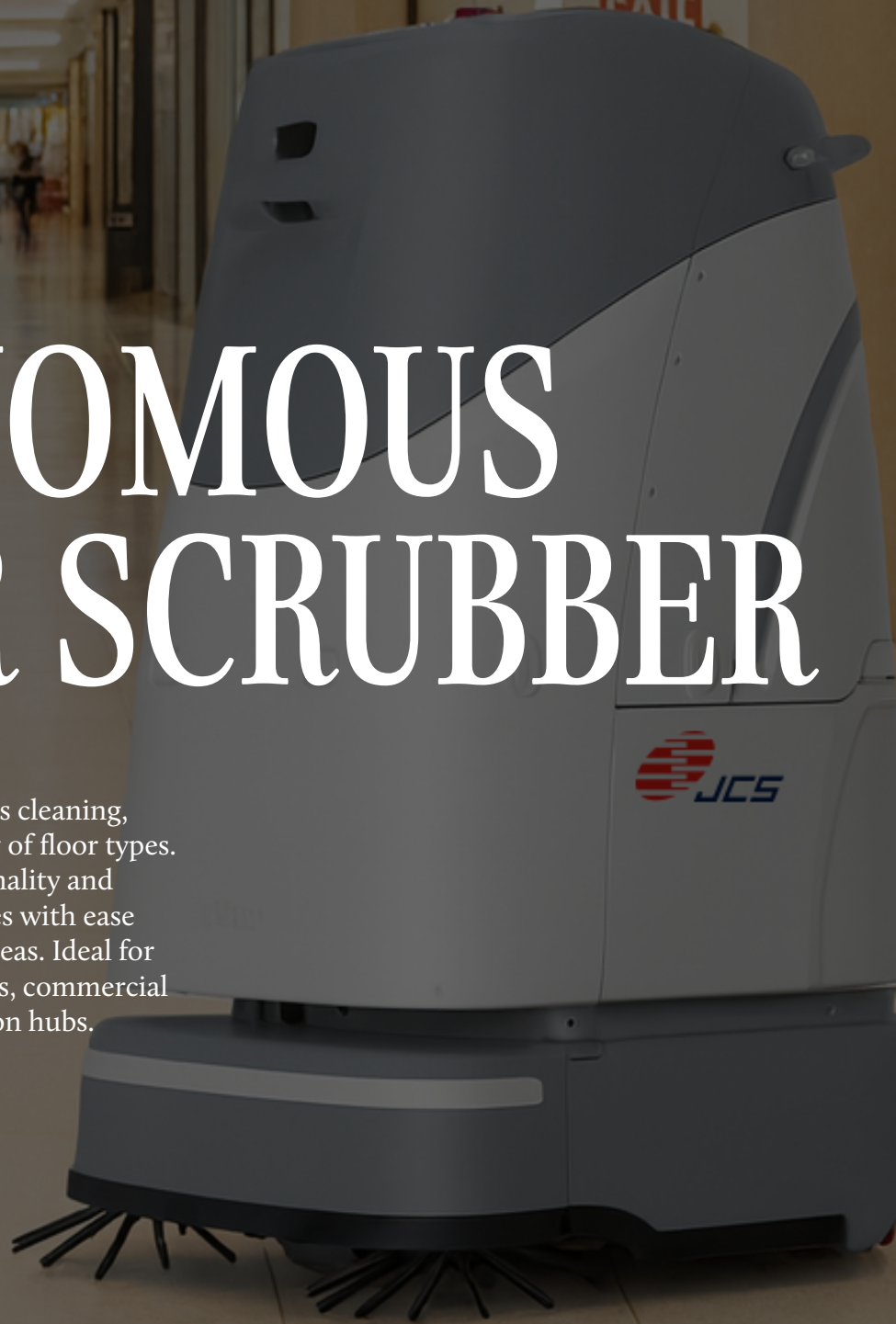




2025

EVO50 AUTONOMOUS FLOOR SCRUBBER

EVO50 – The perfect choice for effortless cleaning, designed to adapt seamlessly to a variety of floor types. Equipped with smart auto-start functionality and advanced cleaning performance, it moves with ease through compact to mid-sized indoor areas. Ideal for environments such as industrial facilities, commercial centers, supermarkets, and transportation hubs.





EVO50 AUTONOMOUS FLOOR SCRUBBER

Smart Cleaning for Every Floor



The EVO50 Floor Scrubber is engineered with advanced cleaning technology to deliver superior performance in demanding environments. Its intelligent design combines high-efficiency scrubbing power with smart adaptability, ensuring exceptional results across a wide range of floor surfaces. Featuring an automatic start system, ergonomic controls, and optimized water management, the EVO50 maximizes productivity while minimizing effort and resource consumption. Built for industries, commercial complexes, supermarkets, and transportation hubs, it sets a new standard for reliable and effortless floor maintenance.





Professional Cleaning

- Scrubbing and sweeping with double roller brushes and side rotary brushes.
- Task-specific adjustable brush, pressure liquid dispensing rate and cleaning speed.
- Configurable for Scrubbing and Mopping

Safe & Reliable

- Powered by over one million kilometres of safe outdoor L4 autonomous driving experience.
- A full arsenal of anti-collision, anti-fall, skid and other safety features.
- The EVO50 Scrubber is CE certified



Autonomous Navigation

- Fast and efficient on-site mapping, supports editing or expanding existing maps.
- Intelligent sensing and accurate positioning in complex scenarios enable by sensor fusion
- Automatic cleaning path generation with intelligent obstacle avoidance



Ext. Dimensions	800(L) x 700(W) x 1200(H)mm
Curb Weight	200kg
Cleaning Speed	Up to 1800m ² /h (vary based on operating condition)
Battery	60/90/120 seconds
Endurance	60 racks/hour
Sweeping/Scrubbing Squeegee Width	800mm / 500mm / 706mm
Solution Tank	42 Liters
Recovery Tank	30 Liters
Solid Waste Box	1.5 Liters
Operating Noise	<70dB(A)
Maximum Slope	8°
Sensor Suite	LiDAR, Ultrasonic sensor, camera, encoder, IMU, bumper and edge-detect sensors



DOCKING STATION

Ext. Dimensions	500(L) x 430(W) x 1200(H)mm
Weight	65kg
Rated Input Voltage	105~265VAC
Rated Input Current	<16A
DC Output Voltage	8~30V+0.4V
Max Charge Current	50+0.5A
Water Filling Speed	7-10L/min
Draining Speed	3-6L/min
Waste Water Tank Capacity	8L

Main Features



- Intelligent mapping and routing
- Smart obstacle avoidance
- Auto recharge, refill and drain
- Auto resume interrupted mission
- Reworking of skipped section
- Task scheduler
- Operation report
- Lift access and door control



Equipped for Fully Automatic Operation

Provided with adaptive lifting rolling brush module, satisfying various ground sweeping needs. The cleaning area can reach 4,000 square meters in a single time without charging.

Support resumption of operations at the breakpoint, omission check and compensation, and automatic water replenishment, drainage and charging.

Use Cases



Dirt



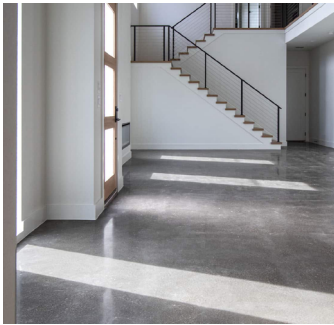
Spill



Rain



Stamp Concrete



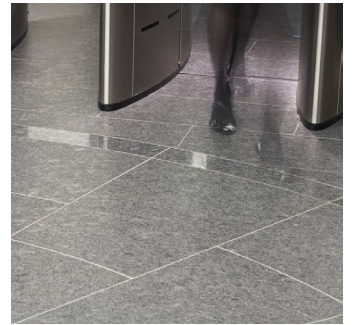
Polish Concrete



Epoxy Floor



Marble



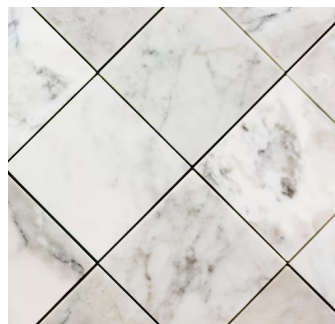
Granite



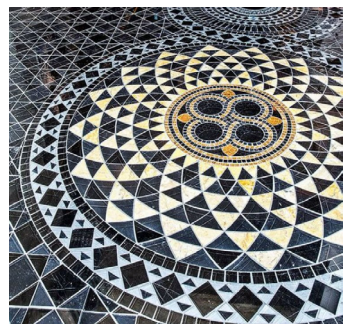
Vinyl Floor



Terrazzo



Ceramic Tiles



Mosaic Tile

Departures

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