AUTONOMICS | ASBIS®

Your turnkey autonomous cleaning solutions provider

Demo video



AUTONOMOUSLY

AUTONOMICS | COMBO:

SWEEPS AND WASHES AT THE SAME TIME

SWEEPER A302-1

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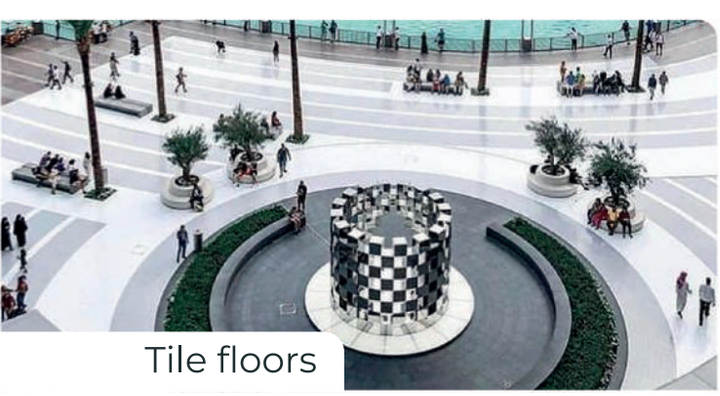
Autonomous vacuum sweeper **with a floor washing console** for both indoor and outdoor cleaning



Facilities



Warehouses



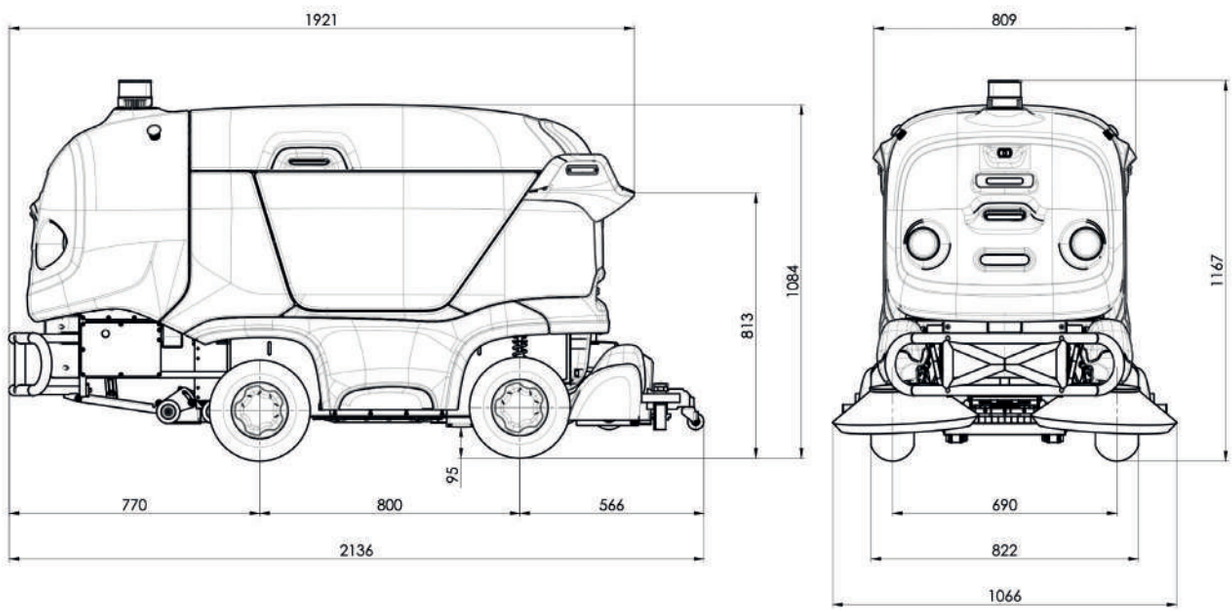
Tile floors



Covered parking

The robot performs vacuuming and floor washing at the same time. No pre-sweeping required: the robot efficiently gathers dust, dirt, and debris (like wood chips, paper, and plastic packaging) into the largest-in-market 100L waste container.

Technical Specifications



Efficiency **30 000** m^2/day

Dimentions (LxWxH, mm): 2136x 1063 x 1148	**Max speed:** 7 km/h
Weight: 570 kg	**Max slope:** 10°
Cleaning width: 1150 mm	**Max ditch crossing:** 70 mm
Max cleaning speed: 5 km/h	**Max bump crossing:** ≤ 70 mm
Max cleaning efficiency: 5750 m2/h	**Min turning radius:** 2000 mm
Debris container capacity: 100 L	**Battery type:** LiFePo4
Debris dumping: automatic	**Battery specifications:** 48 V, 200 Ah
Clean Water tank volume: 75 L*	**Operation time:** 4-6 h
Water filling method: manual / automatic	**Communication:** 5G
Dust filtering method: watering-based supression	**Operation temperature:** 0° C - +60° C
Safety: multi-spectral obstacles detection system	**Storage temperature:** -25° C - +60° C

* Plus, a separate tank for dirty water collection with a 50 L volume

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Safe autonomous operation in both indoor and outdoor environments shared with people 24/7

Cost-effective vacuum cleaning system with water-based dust suppression: no replaceable filters and central broom needed

Fully electrical, more than 5 hours of autonomous cleaning

Compact design with a chassis designed specifically for a long-run indoor and outdoor operation

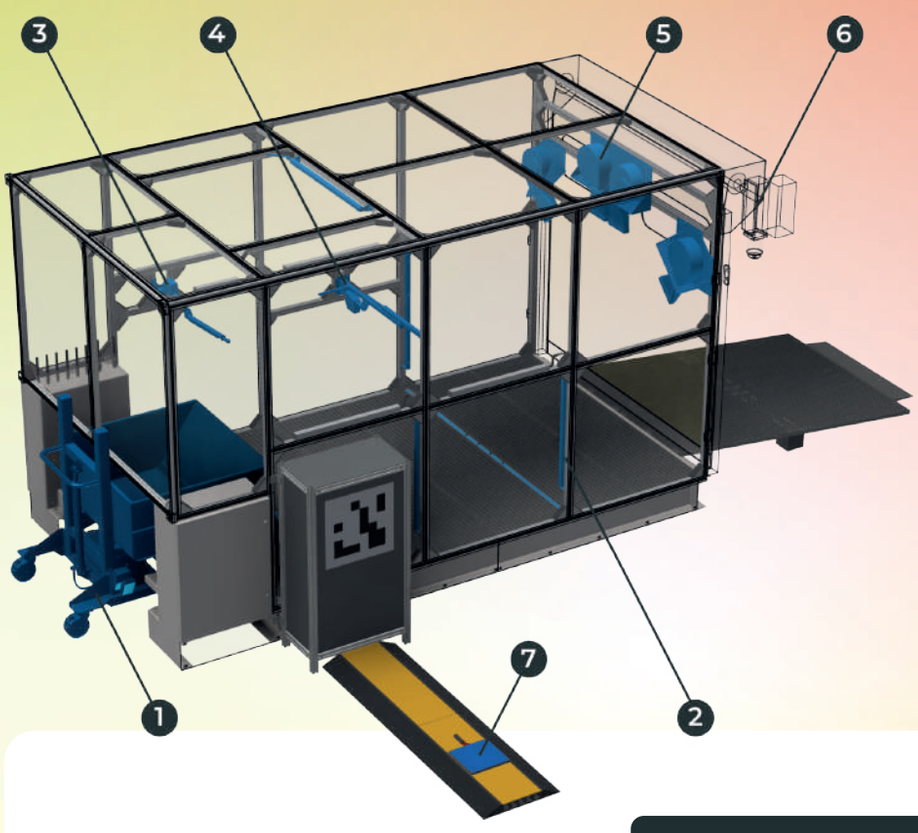
Large debris container with a fully-automated waste dumping

Hot climate compatible: high-end fluid cooling system inside

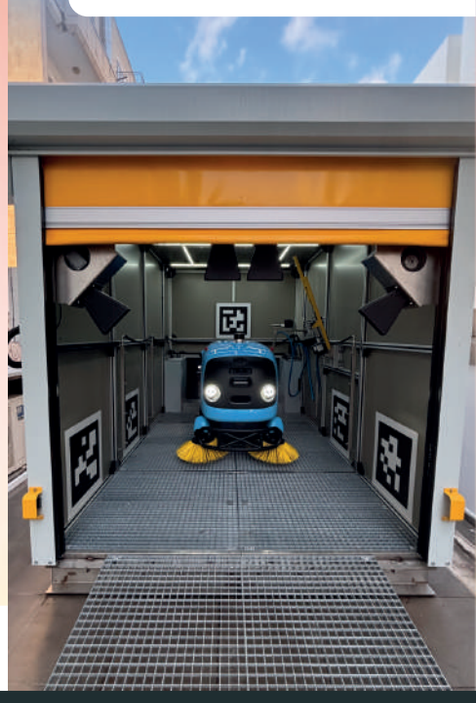


DOCK STATION

All maintenance in one place

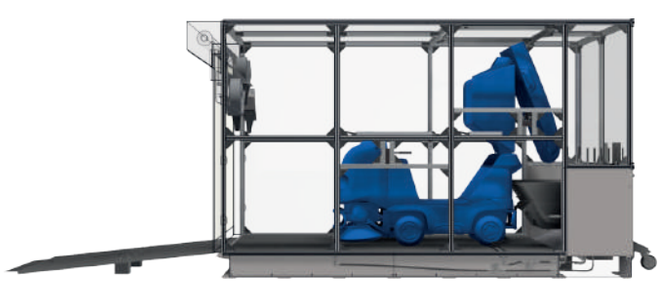


Demo video



Clean. Dump. Refill. Wash. Charge. Repeat.

1. Docking and debris dumping
2. High-pressure body washing
3. Waste container washing
4. Water refilling
5. Drying
6. Access control
7. Charging

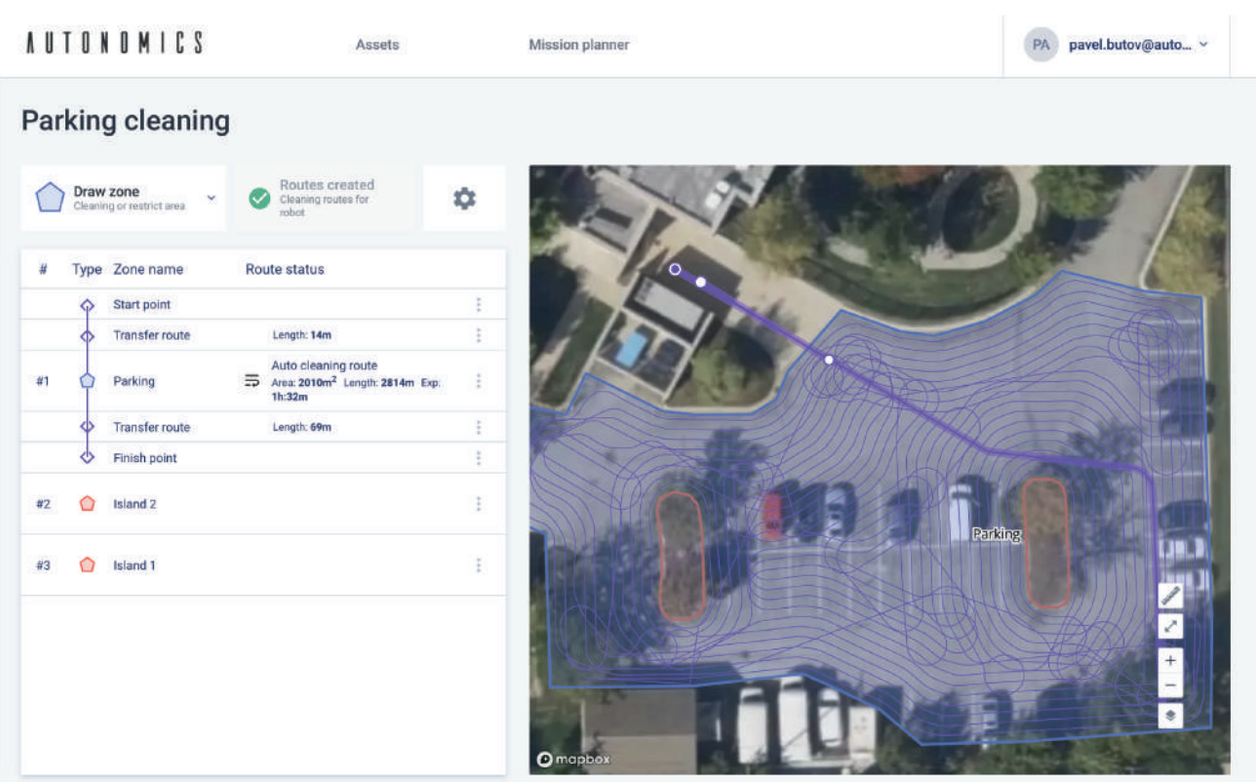


FLEET

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Cloud platform for effortless cleaning fleet management

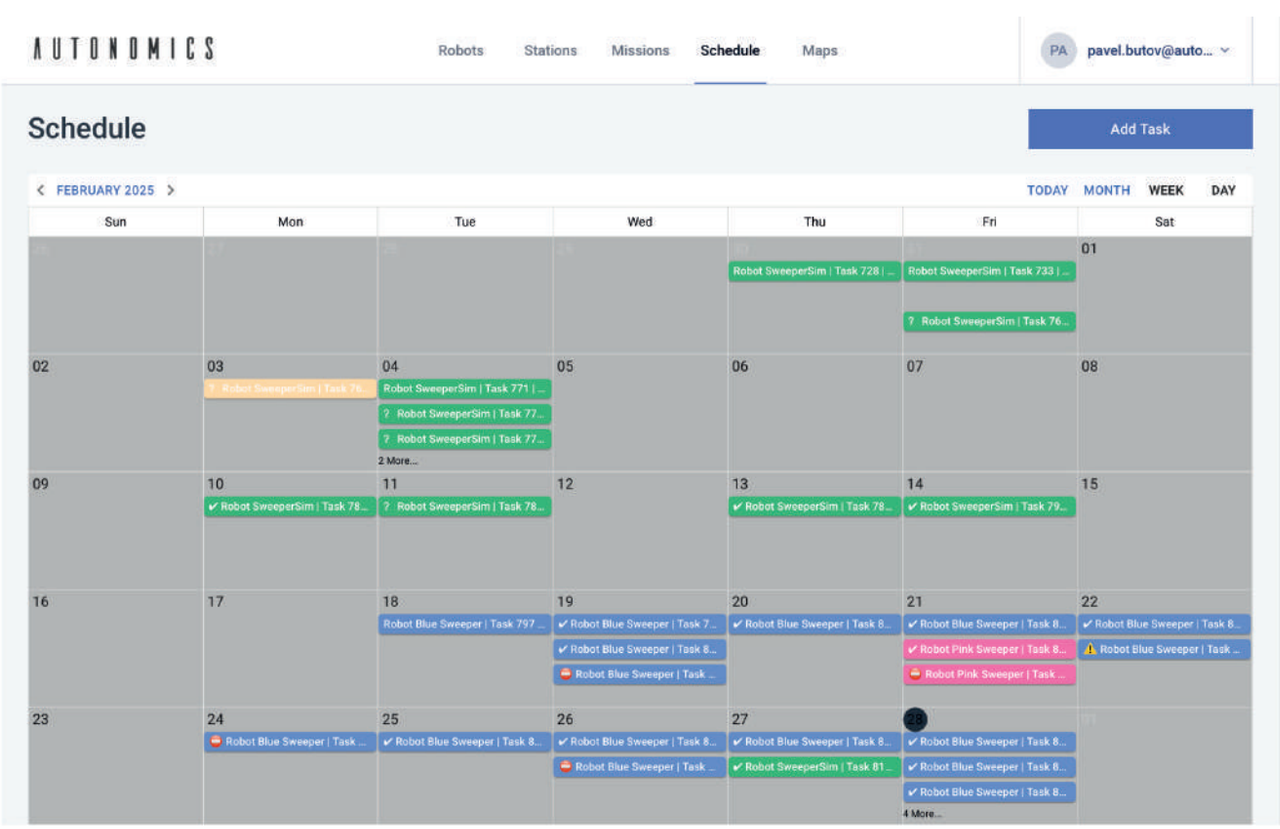
With FLEET, our customers can easily set up cleaning scenarios for new sites in just a few clicks, eliminating the need to pay for each deployment.



FLEET



- Intuitive map-based markup of cleaning scenarios
- Smart automatic routing of cleaning paths
- Remote monitoring
- Calendar-based tasks assignment and scheduling
- Automatic reporting
- Continuous technical support



Let’s make our future cleaner together!



Contact us

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Demo video