



We are backing global logistics and industrial companies by saving them up to 50% of cleaning costs, enabling effortless labour, and providing sustainable cutting-edge robotic solutions.

# K900 Smart Autonomous Sweeper

## CUTTING-EDGE

- Robotics that perceives and interprets its surroundings. Superior navigation and adaptability in various environments, including hazardous zones.
- Produced and manufactured with the creative power of KEMARO's team.

## EFFICIENT

- Automated around the clock operations with configurable time settings and flexible scheduling.
- Intelligent navigation with real live automated mapping of cleaning zones and advanced analytics.

## INDUSTRY 4.0

- Live monitoring of job performance, tracking, and reporting on the KEMARO Web App and cloud technology.



Experience the benefits  
of the **K900 Smart**.

## BENEFITS



**CLEANING PERFORMANCE**  
1,000 m<sup>2</sup>/h  
0.7 m/s speed



**ROBUSTNESS**  
Solid construction and Swiss quality components



**SIMPLICITY**  
No installation necessary,  
put into place and clean



**SUSTAINABLE**  
No chemicals, water or lighting needed, substitution of combustion engines

SWISS  
MADE





# K900 Smart

## BENEFITS AT A GLANCE

- Saves up to 50% of cleaning costs, which amounts to more than 22,000 EUR saved per year, for global businesses.
- Continuous cleaning to benefit the health and safety of employees, while preventing industrial machinery damage.
- The advanced engineering avoids the use of engines and minimize wasted energy. The K900 Smart is built with robust components to prolong its lifetime.

## APPLICATION AREAS

Warehouses, manufacturers, bottling plants, railway depots, hazardous storage rooms, parking houses, production areas, industrial and logistics sites.

## TECHNICAL DATA

Cleaning width	90 cm
Cleaning capacity	up to 1,000 m <sup>2</sup> /h
Dirt tank capacity	35 l
Weight incl. batteries	32 kg
Cleaning speed	0.7 m/s
Run time max.	up to 5 h
Charging time	90 mins
Battery	Lithium-Ion / 36 V
Ramp slope max.	12%
Dimensions L / W / H:	79 x 72 x 35 cm <sup>3</sup>

## PRODUCT OVERVIEW

### Autonomous Navigation

The K900 relies on onboard sensors, mapping, localization, and decision-making algorithms to plan paths, avoid obstacles, and clean zones efficiently and independently.

### Live Mapping & Localization

The robot simultaneously creates a map of its environment and estimate its spatial position within this map.

### Vision System

A vigilant 2D LiDAR 'crown' calculates distances in a 270-degree radius, and 3D camera fills in the lower blind spots.

### Air cleaner and air flow

A blower puts the robot under negative pressure, creating an air flow. The dust is sucked in by the air flow and passed through the air filter (2m<sup>2</sup> size).

## WEB APP & CLOUD

- Remote maintenance fast and cost-saving
- Automated software update from remote
- Online cleaning reports with map drawing
- Status, errors and Robot position
- KEMARO Academy
- Intuitive operation on tablets, smartphones or laptops
- Individual configuration



## CONTACT US

We're happy to talk with you.

## ABOUT KEMARO AG

Founded in 2016 in Eschlikon, Switzerland by the Swiss engineers Martin Gadiant, Armin Koller and Thomas Oberholzer. KEMARO is manufacturing and delivering autonomous robots globally, achieving financial and operational performance growth, as well as environmental sustainability.

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