



Our K 900 is designed to support global logistics and industrial companies by saving them up to 50% of cleaning costs, and enabling effortless labor. Utilizing 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**  
10,750 square feet / hour;  
2.5 ft per second



**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 USD 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 garages, production areas, industrial and logistics sites.

## TECHNICAL DATA

Cleaning width	36"
Cleaning capacity	up to 10,765 sq. ft.
Dirt tank capacity	9 gallons
Weight incl. batteries	70 lbs.
Cleaning speed	2.5 ft. / 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:	32" x 28.5" x 14"

## 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

