

K900 Gen II

Autonomous robots remove dust and dirt even in hard-to-reach industrial areas.



CUTTING-EDGE

- ◆ The K900 is equipped with LiDAR, 3D sensors, and intelligent navigation systems that enable it to scan, interpret, and adapt to its environment with high precision.
- ◆ The intelligent navigation adapts seamlessly to different environments – including restricted zones, dynamic surroundings, and even dusty conditions.

EFFICIENT

- ◆ Automated round-the-clock operation with configurable time settings and flexible scheduling.
- ◆ Intelligent navigation with automatic live mapping of cleaning zones and advanced analytics.

INDUSTRY 4.0

- ◆ Real-time monitoring of work performance, tracking and reporting via the KEMARO web app and cloud technology.



More about
Kemaro Inc.



ADVANTAGES



CLEANING PERFORMANCE

10,000+ sq ft/h (up to 1,000 m²/h)
2.3 ft/s (0.7 m/s)



ROBUSTNESS

Rugged construction and
Swiss quality components



SIMPLICITY

No infrastructure required,
no guide tape, rails, or reflectors.
Set it down and it cleans.



SUSTAINABLE

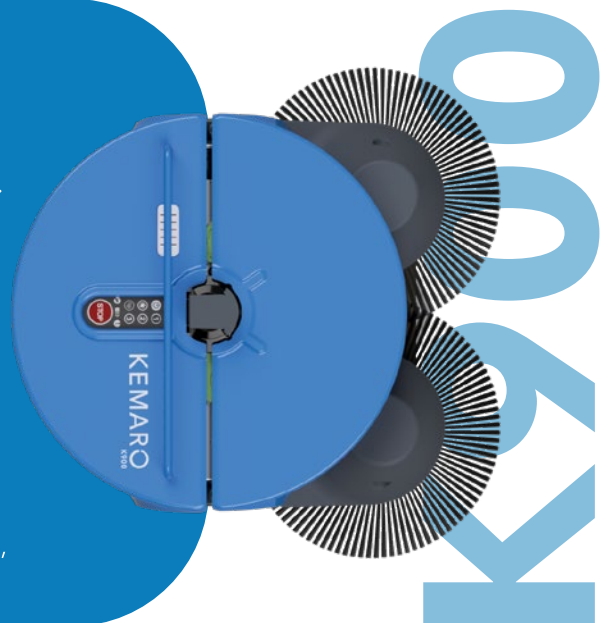
No water, chemicals, or lighting.
Replaces propane sweepers.
Zero indoor emissions.

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ADVANTAGES AT A GLANCE

- ◆ **Cost savings**
Cuts floor-cleaning costs by up to 50% per year. Continuous cleaning promotes health and safety of employees and prevents damage to industrial machinery.
- ◆ **Environmental friendliness**
The advanced technology of the K900 Reduces reliance on combustion engines and minimizes the consumption of resources. The K900 is equipped with robust components that ensure a long service life.
- ◆ **Areas of application**
The K900 is used in 3PL and fulfillment centers, distribution centers, food and beverage processing, packaging and converting operations, manufacturing plants, and parking decks.



TECHNICAL DATA

Cleaning width	35 in (90 cm)
Coverage rate	10,000+ sq ft/h Up to 1,000 m²/h
Debris container cap.	9.2 gal (35 L)
Weight incl. battery	70 lb (32 kg)
Cleaning speed	2.3 ft/s (0.7 m/s)
Run time max.	4 h
Charging time	90 min
Battery	36 V lithium-ion
Max. gradeability	12% (6.8°)
Dimensions L / W / H	31 × 28 × 13.8 in 79 × 72 × 35 cm

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 estimates its spatial position within this map.

Vision System

A 2D LiDAR "crown" calculates distances in a 270° field of view, and 3D sensors fill in the lower blind spots.

Air cleaner and airflow

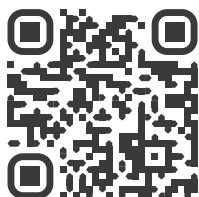
A blower puts the robot under negative pressure, creating airflow. Dust is drawn in and passed through a 21 sq ft (2 m²) filter.

WEB APP & CLOUD SPHERE

- ◆ Fast, cost-saving remote maintenance.
- ◆ Automated over-the-air software updates.
- ◆ Digital cleaning reports with interactive maps.
- ◆ Status, errors, and robot position.
- ◆ KEMARO Knowledge Hub.
- ◆ Intuitive operation on tablets, smartphones, or laptops.
- ◆ Custom configuration.

KEY FEATURES

- ◆ **Connected Rooms:** Robots can transition autonomously between rooms, enhancing flexibility across large or distinct spaces.
- ◆ **Blue Spot:** Safety feature projecting a blue light onto the floor to alert forklift operators and employees to the robot's presence. Ideal for aisles and blind intersections.
- ◆ **Automatic Filter Cleaner:** Patented self-cleaning filter system. Dust is collected internally without polluting the air.
 - More efficiency
 - Improved air quality
 - Reduced maintenance



CONTACT
We look forward to hearing from you.

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