



AUSTRALIS
ENGINEERING

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Hi, I'm MAX

Floor Scrubber Cleaning Robot

MAX is the smartest commercial cleaning floor robot. Once a cleaning schedule is programmed, MAX can run

AUTOMATICALLY!

MAX makes cleaning more efficient

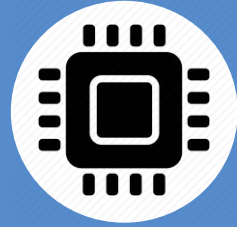


The top 6 reasons to choose MAX for floor cleaning



Indoor Localization

Accuracy rate $\pm 5\text{cm}$



Environment Sensing

Human-Robot Collaboration
Safety



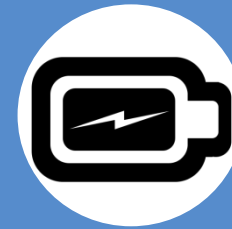
AI Route Planning

According to Customers' needs,
MAX can plan a cleaning route
automatically



3 in ONE

Vacuum, Scrubber and
vacuum squeegee



LFP Battery

Up to 2 hours usage time,
and battery performance
in battery life



Eco Mode

Able to reduce 82% water
usage (compared to mopping)

Vacuum, Scrub & Squeegee

- **Front Vacuum System**

- Collect dust, hair etc before the Scrubber

- **Double Disc (Dual Brush)**

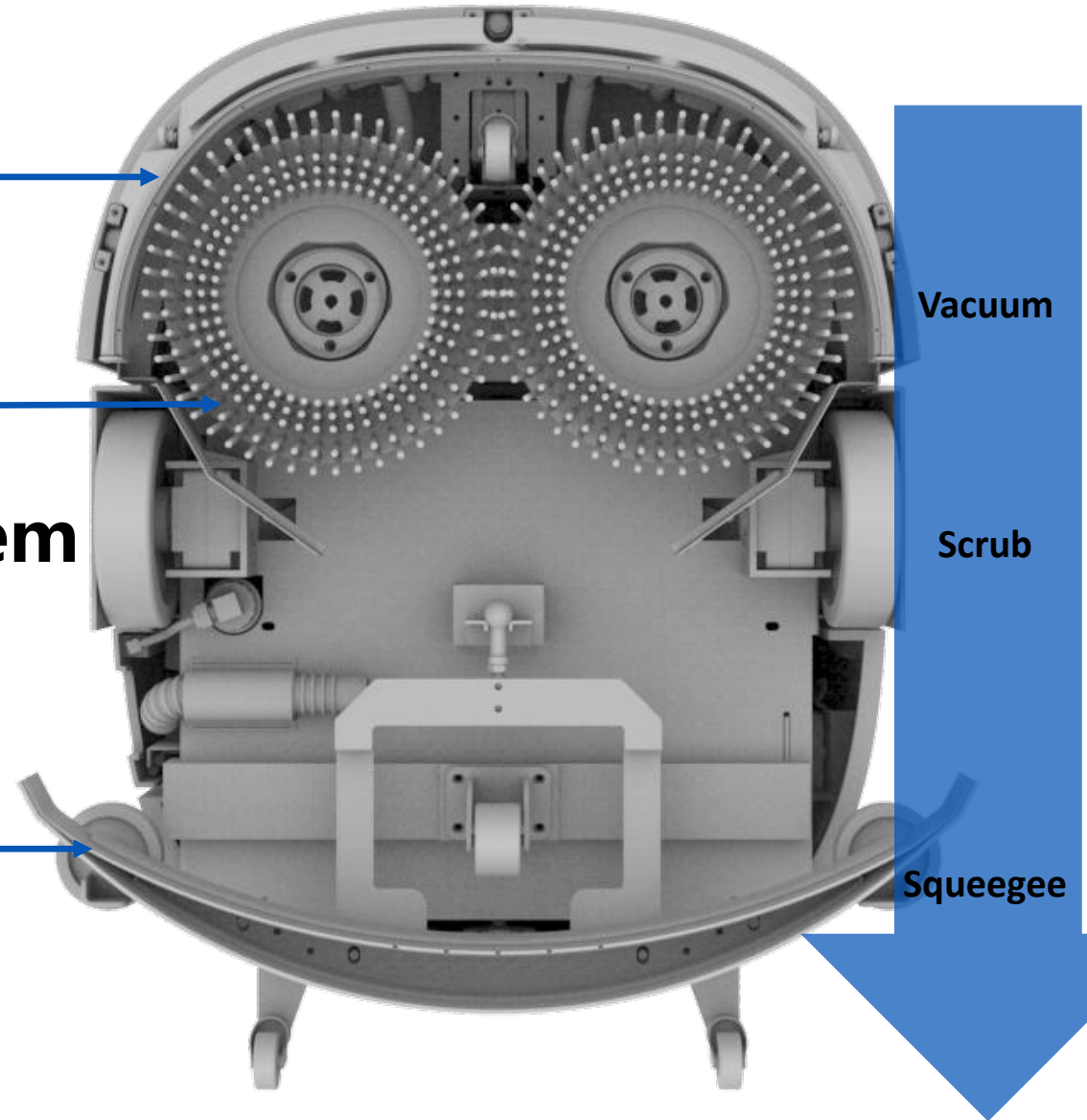
- Cleaning width 60cm

- **Concentric Circle Squeegee System**

- Avoid dirty water spilling out

- **Water Tank System**

- Separate solution and recovery tanks
- Comparing to a traditional mop, MAX can save up to 82% water usage.



URLocate™ Indoor Navigation System

In-House Core Tech

Avoid Barriers and Route Planning

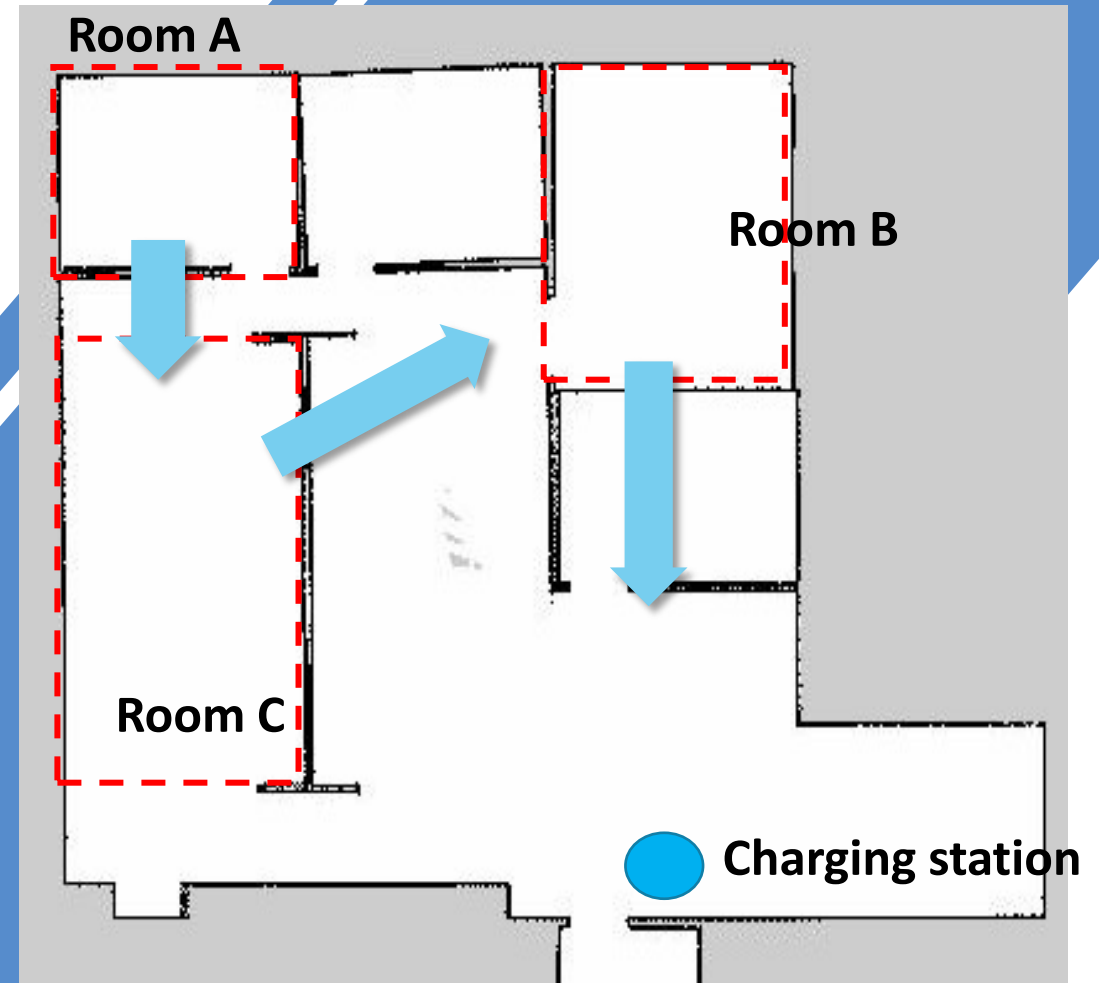
MAX can operate in **complex, real-world environments**, with **SAFETY** as its top priority. **MAX uses an intelligent navigation system** and can reliably determine a safe working route.



EASY to Operate

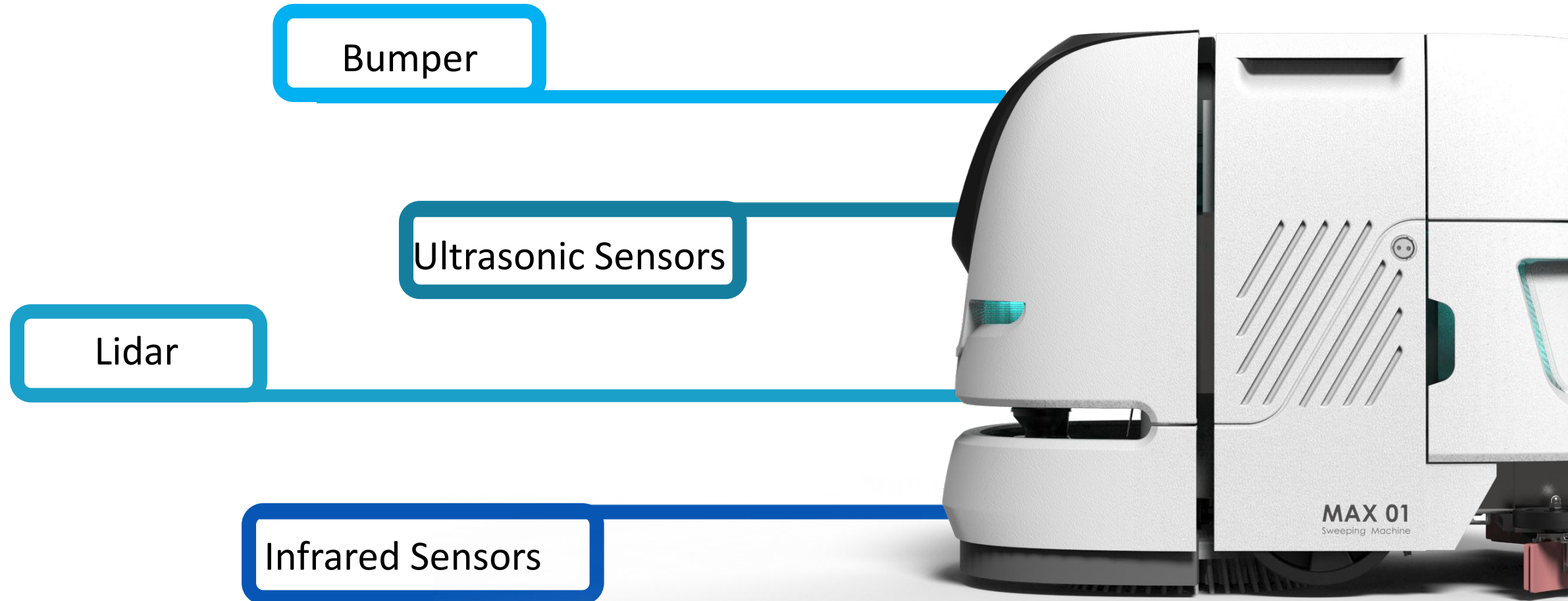
MAX not only can automatically plan the cleaning route but also provide more options for users to operate MAX in different environments.

- Define **Cleaning Area**
 - User can define the cleaning area by a simple click and circle on the map.
- Define **Job Site**
 - User can define different functions for a job site such as a charging station, water exchange station etc.
- **Cleaning Task**
 - User can assign a cleaning task which is defined by a cleaning area.



Safety Protection Sensors

MAX has 9 sets of sensors and can avoid people, animals and other obstacles. These sensors create a safe environment while people work or interact with the Robot



MAX is able to work in the following Environments



Hotels



Public Areas

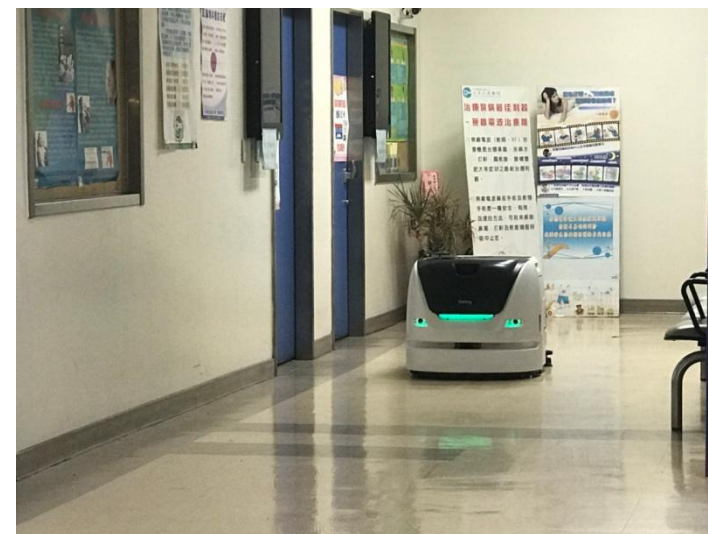


Hospitals



Airports

Hospital Case Study



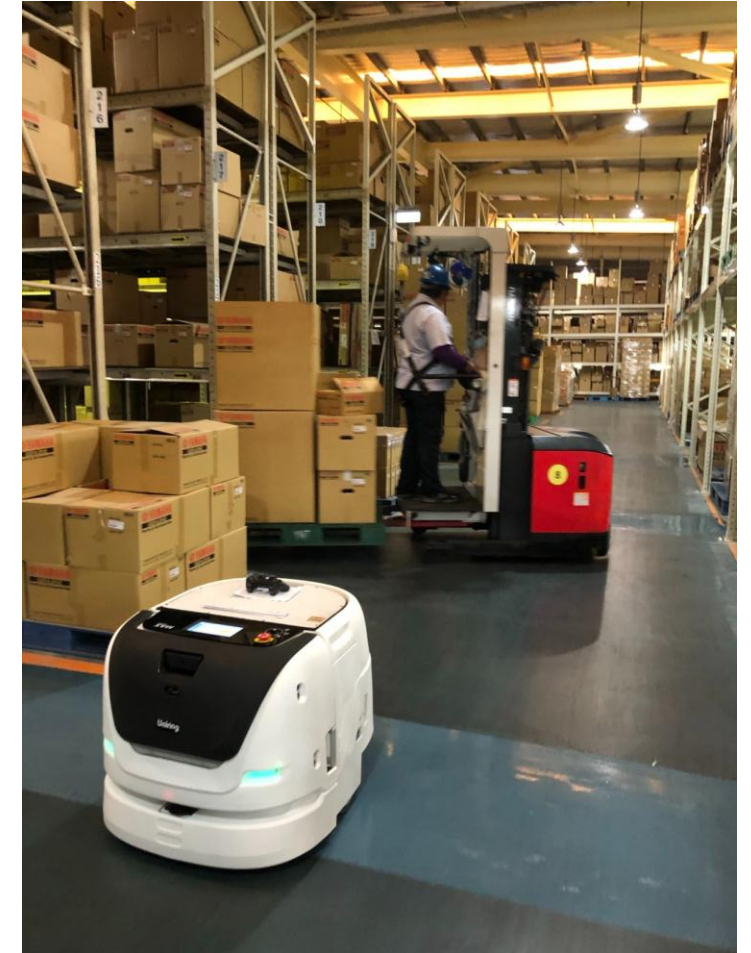
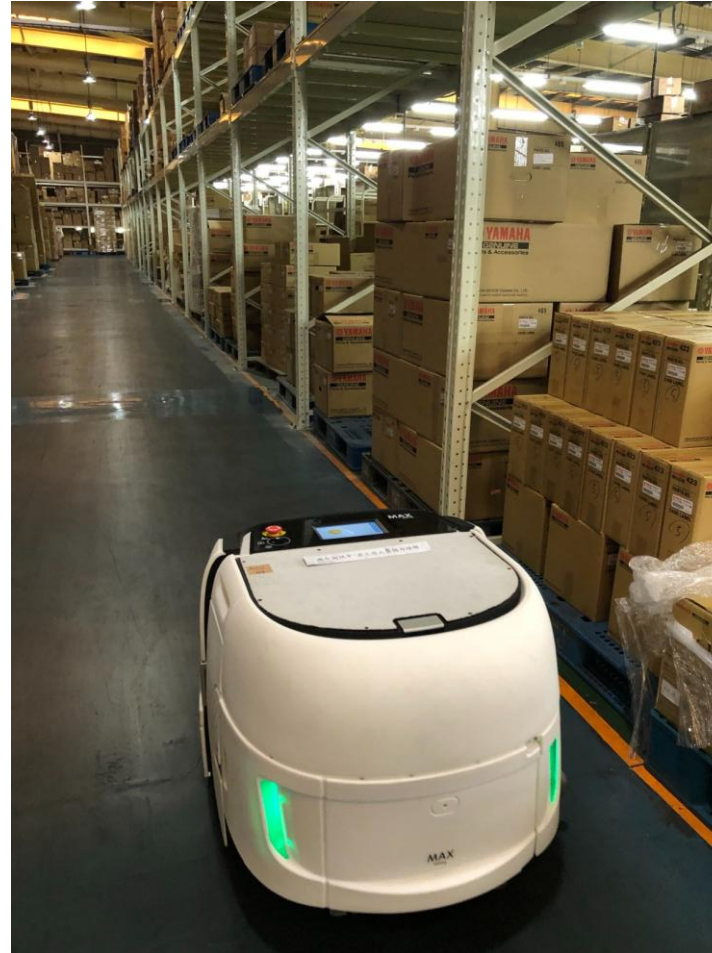
Exhibition Centre

Case Study



Factory / Warehouse

Case Study



Product Specifications

Cleaning Width

60cm

Efficiency

900(m²/hr) w/o Barrier
620(m²/hr) w/ Barrier

Working Time

Vacuum only: 3.4 hr
Scrubber only: 2.8 hr
Vacuum + Scrubber: 2 hr



Water Tank

25L (Solution tank)
25L (Recovery tank)

Operation Mode

Auto/ Semi-Auto

Battery

100Ah LFP

Charging type

- 1. By charging port**
- 2. Swap Battery**

Customer references (International)





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