



SCRUB 50

DEVELOPED IN SINGAPORE

Jointly developed by JTC, WIS Holdings, and Gaussian Robotics, the Scrub 50 is equipped with laser systems, 3D-depth cameras and ultrasonic sensors, to provide truly autonomous cleaning capabilities. The commercial cleaning prototype is the first-in-Singapore to be able to autonomously navigate to its docking station where it can automatically charge its power, rinse its tank, and refill and discharge water used for cleaning. This not only greatly minimises the need for human intervention, but also allows the solution to be seamlessly integrated into the cleaning workforce.



FULLY AUTONOMOUS



01

INTEGRATED WORKING STATION

Scrub 50 automatically docks itself, charges the batteries, empties and rinses the dirty water tank, and fills the clean water tank so that it is ready for its next cleaning task.

MINIMAL HUMAN INTERVENTION

Scrub 50 cleans on schedule, requiring no human intervention in its cleaning operations.

02



ZONE CLEANING

Scrub 50 can be deployed into pre-selected areas for zone cleaning. Lift integration is an option which allows the Scrub 50 to clean multiple levels of a building autonomously.

03



FLEET MANAGEMENT SYSTEM

Operators can monitor the Scrub 50's performance and access cleaning reports through a user-friendly and interactive Fleet Management System.

04



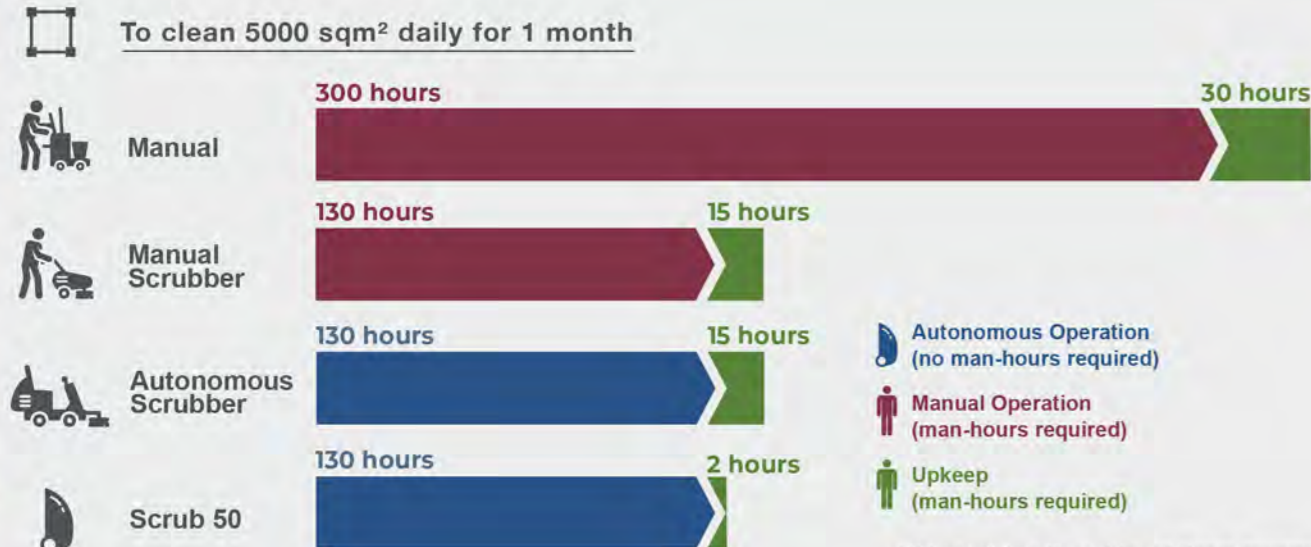
MAINTENANCE

Scrub 50 requires as low as 2 hours every month for general maintenance and upkeep, helping to push productivity to new levels.

05



PRODUCTIVITY DRIVEN



FEATURES



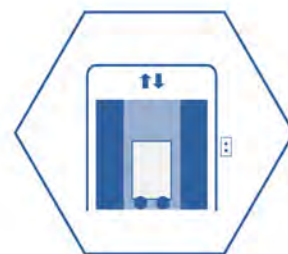
MHIO

- Automatic charging
- Automatic filling of water
- Automatic rinsing of tank
- Automatic discharging of waste water



FLEET MANAGEMENT

- Monitors performance anywhere, anytime
- Zone cleaning
- Reports and system updates



LIFT INTEGRATION

- Dynamically route to different levels
- 24-hour operation



SAFETY

- Lidar system
- 3D Depth camera
- Ultrasonic sensors

ROBOTICS CLEANING

We clean corners, not cut them

