



# X40

\*Autonomous Dual-Disc Floor Cleaning Robot

**Our most nimble autonomous scrubber is designed to support your staff, so they can focus on more valuable, hands-on tasks and aids in enhancing their professional expertise.**

AI Powered | LiDAR SLAM | ROS Based Navigation

## PROFESSIONAL COMMERCIAL-CLEANING PERFORMANCE



### LIDAR SLAM AUTONOMOUS NAVIGATION WITH ROS ARCHITECTURE FOR PRECISE MAPPING AND OBSTACLE AVOIDANCE.

- 550 MM CLEANING WIDTH WITH POWERFUL 500W SUCTION SYSTEM FOR DEEP SCRUBBING PERFORMANCE.
- DUAL 150W BRUSH MOTORS OPERATING AT 200 RPM FOR CONSISTENT INDUSTRIAL-GRADE CLEANING.
- 40L FRESH WATER TANK AND 45L RECOVERY TANK FOR EXTENDED OPERATION CYCLES.
- HEAVY-DUTY 60 KG STEEL CHASSIS DESIGNED FOR COMMERCIAL DURABILITY.
- 24V 65AH DEEP CYCLE LEAD-ACID BATTERY DELIVERING 7-8 HOURS RUNTIME

## DUAL-DISC BRUSH CLEANING SYSTEM

### Color changing status light

Provides visual information regarding machine status.

### Intuitive controls

Ensure ease of use and efficiency for operators.

### Water Indicator

Visible transparent pipe for clean water level

### Squeegee + recovery system

Provides optimal water pick-up, helping to keep floors dry.



### Front RP LiDAR

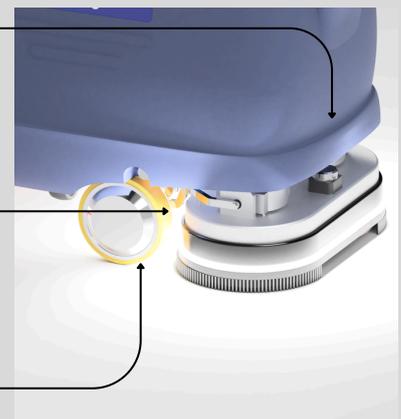
Enhances visibility for increased autonomy

### AI Scrubber and Squeegee Coordination

the Controls UP&DOWN movement of equipment as per floor requirements

### Lead Acid batteries with 1-year warranty\*

+ on-board charger For maximum charging flexibility.



- EASY INTEGRATION WITH YOUR EXISTING FLOOR PROTOCOLS.
- HELP RE-ENERGIZE AND UPSKILL YOUR STAFF.
- REVEAL UNTAPPED RETURNS IN YOUR OPERATIONS.
- SUPPORT THROUGHOUT THE ROBOT'S LIFETIME FROM OUR FACTORY-DIRECT SERVICE AND CUSTOMER SUCCESS TEAMS

# X 40 SPECIFICATIONS

Dimension (L×W×H)	1150 × 800 × 770 mm
Weight	120 kg
Cleaning Width	550 mm
Suction Width	800 mm
Fresh Water Tank	40 L
Recovery Tank	45 L
Suction Motor	500 W
Brush Motor	150 W × 2
Brush Speed	200 RPM
Battery	24V 65Ah Deep Cycle Lead Acid
Working Time	6–8 Hours
Navigation System	LiDAR SLAM (ROS Based)
Noise Level	75–80 dB
Climbing Ability	~6%
Maximum Speed	~1.2 m/s



## URC Robotics

Jammu, Rajkot, Gujrat (India)

For a demonstration or additional information, call **+91 6005173806** or email **urcrobotics@gmail.com**