

IPC ROBOTIC SCRUBBER

CT110-R





	Disc Brush	Roller Brush
Voltage	24VDC	24VDC
Clean Path	700mm	800mm
Suction width	960mm	1049mm
Water tank capacity	105L/110L	105L/110L
Vacuum motor power	550W	550W
Brush Motor Power	400Wx2	600Wx2
Ground pressure	35kg	50kg
Brush RPM	180rpm	650rpm
Dimensions(Length x Width x Height)	1660x900x1450mm	1800x950x1450mm
Net weight (Included battery)	305Kg	352Kg
Sound pressure level	72dB (A)	72dB (A)





Key Features & Functions

1. Human-Machine Dual Mode

Supports both manual operation and autonomous mode
Easy to switch depending on operational needs

2. AI-Powered Intelligent Navigation

Equipped with:

LiDAR

Depth cameras

Ultrasonic sensors

Fisheye cameras

Ensures safe, precise, and efficient cleaning

Advanced controllers (VCU & ACU) enhance performance

3. Smart Route Planning

Two cleaning path options:

Manual route setup

Autonomous route generation

Efficient mapping and optimized cleaning coverage



Key Features & Functions

4. Real-Time Monitoring & IoT Integration

Monitor machine status in real time

Access cleaning data and reports instantly

Helps reduce management and operational costs

5. 24/7 Continuous Cleaning

Compatible with automatic replenishment station

Enables non-stop operation

Ensures consistent cleaning results at all times

6. User-Friendly Operation

Simple control panel

Mobile app support for remote operation

Designed for easy daily use by cleaning staff

Two emergency stop buttons, secure safety

Green start button, enables route initiation

Horizontal & slanted Lidar for autonomous positioning and mapping

Front mounted operator seat makes easy driving and great visibility in manual mode

Supersonic sensors can detect clear glass

Stereo depth camera provide navigation and obstacle avoidance

Front & rear bumper ensure safety

105/110L tank capacity reduces dump/fill time and improve efficiency





- All-weather auto-docking station enables fully autonomous operation.
- The system automatically refills clean water, drains wastewater, and recharges the battery ensuring 24/7 continuous readiness.



Easy Maintenance & Serviceability

- Ergonomic design with easy access to key components
- Professional after-sales service support
- Reliable spare parts availability

Large Exhibition
Halls



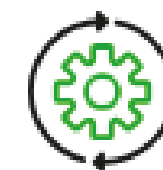
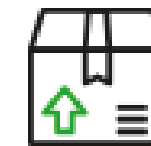
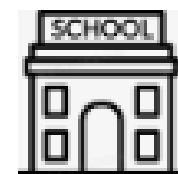
Transportation hubs
(airports, stations)



Healthcare
facilities



Educational
institutions



Retail &
hypermarkets

Warehousing &
logistics

Manufacturing
plants

THANK YOU