



Multiple sensors

Long-range lidar, visual sensor, ultrasonic and passive collision sensors are all fused together to empower ECOBOT 111 to detect various obstacles from all directions



Dual purpose

Manual and automatic mode



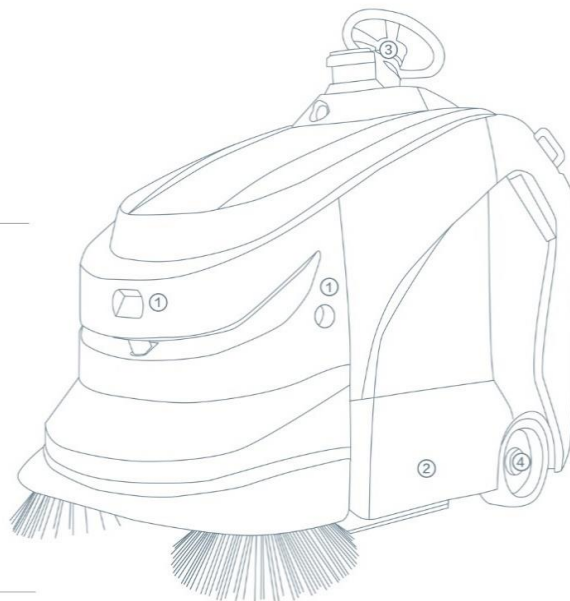
Climbing ability

Climbs up to 11 degrees



Differential chassis

Flexible steering gear free to move in and out



ECOBOT SWEEPER 111

PRODUCT SPECIFICATIONS

Dimension (mm)	L1530 x W1010 x H1400 mm
Total Weight	560 Kg (Incl Battery 60 Kg)
Cleaning Width	1100 mm
Main Brush Dimension	ø330*480 mm
Side Brush Dimension	2 x ø400 mm
Productivity	Up to 4000 m ² /hour
Main Brush Rotation Speed	Up to 1300 RPM
Hopper	60 L
Brush Motor	600 W
Suction Motor	2 x 115 W
Driving Motor	800 W
Continuous Operation	Up to 6 hrs
Battery	24 V / 240 Ah Li-ion
Charging Time	Up to 5.5 hours
Operational Speed	Up to 5 km/h
Noise	Up to 80 dB(a)
Safety System	LiDar, 3D Camera, Ultrasonic Sensor, Collision Bumper, Wave Radar



4,000SQM

Consistent cleaning productivity up to 4000 sqm per hour



4 HOUR BATTERY

Runs for up to 4 hours on a single charge



AUTO DUMPING

Recognizes the garbage bin and completes the dumping process automatically



LOW MAINTENANCE

Requires as low as 2 hours every month for general maintenance and upkeep, pushing productivity to new levels

SELF-DUMPING HEAVY-DUTY AUTONOMOUS SWEEPER

Applicable environments and floorings

Industrial Park / Integrated park / Campus / Square / Scenic area

