

PHANTOM

Phantom is an autonomous sweeper designed for all-weather outdoor cleaning of large areas such as parks, roads, warehouses, and transport facilities etc.

It can easily deal with different kinds of debris such as sand, dust, leaves, cans, water, bottles, cups, plastic bags, cigarette butts/packets, and paper scraps etc.

Phantom is equipped with intelligent obstacle avoidance, debris volume detection, and automatic loading/unloading of 120 litre rubbish bins. There is also a workstation for automatic charging and re-filling.

The mobile App provides a simple and convenient way to manage and monitor the robots movement and receive essential performance information.



TOP CLEANING CAPABILITY

Standard bins are automatically loaded and unloaded, with cleaning, emptying, and transportation seamlessly integrated, resulting in significant time, labour, and cost savings.



EDGE CLEANING

Featuring a high-precision sensory control system and an adaptive dual-sided brush, Phantom can actively or passively adjust its roadside cleaning distance, providing exceptional accessibility even in narrow spaces



PATROL CLEANING

Phantom automatically detects debris and adjusts its cleaning path in real time for optimised large-area operations. Its adaptability to various cleaning scenarios dramatically improves efficiency.



INTELLIGENT AND EFFICIENT

The autonomous navigation technology uses intelligent decision making with 360° real-time environment perception to avoid static or moving obstacles.



| Specification | Phantom |
|------------------------|--------------------------|
| Dimensions (L x W x H) | 227 x 105 x 171 cm |
| Cleaning Width | 100 - 180 cm |
| Run Time | 4-6 hours |
| Charge Time | 2-3 hours |
| Maximum Speed | 2.2 m/s |
| Productivity | 10,000 m ² /h |
| Debris Capacity | 120 litres |
| Water Tank Capacity | 50 litres |
| Noise Level | < 70 dB(A) |
| Gradient | 12° |