SPECIFICATION SHEET

HDA70

Heavy Duty Autonomous Robotic Sweeper



INTELLIGENT AUTONOMOUS SWEEPING FOR LARGE FACILITIES

Designed for large-scale indoor environments, the HDA70 combines AI-powered debris recognition with autonomous sweeping to tackle dust, dirt and larger debris across warehouses, factories and other expansive facilities. Intelligent navigation and spot cleaning help direct cleaning effort where it is needed, while a 35L waste capacity and up to 8 hours runtime support longer cleaning cycles with less operator intervention.

CONQUEST 60 DAYS MONEY-BACK GUARANTEE

CONQUEST FULLY FLEXIBLE LONG-TERM RENTALS

UNMATCHED UWP WARRANTY PROTECTION

CONQUEST

HDA70

Autonomous sweeping designed to keep large facilities cleaner with less manual intervention.

Technical Specifications

HDA70			
Cleaning Width	Approx. 700mm	Cruise Speed	0.2–1.2m/s, adjustable
Cleaning Performance	Max. 1,800m²/h all-covered cleaning; max. 6,000m²/h spot cleaning	Minimum Travel Width	750mm
Waste Capacity	35L	Machine Dimensions	840 × 600 × 490mm
Battery Capacity	45Ah	Machine Weight	Approx. 65kg
Runtime	4–8 hours	Working Noise	<75dB
Charging Time	< 3 hours	IP Rating	IPX3
Navigation	Integrated LiDAR and Visual SLAM positioning	Auto Charging	Supported with HDA70C charging station



Features & Benefits

1 AI-POWERED DEBRIS RECOGNITION

AI cameras identify different types of debris in real time, helping the HDA70 target waste more precisely.

2 INTELLIGENT SPOT CLEANING

Detects and targets waste during routine patrols, focusing cleaning effort where it is needed rather than relying only on full-area cleaning.

3 700MM CLEANING WIDTH

Dual side brushes provide an approximately 700mm cleaning width, helping cover large areas efficiently.

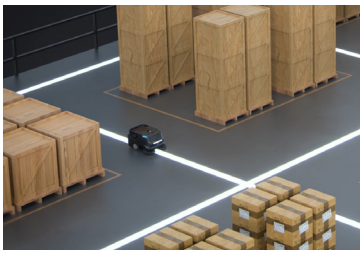
4 35L WASTE CAPACITY

Handles fine dust through to larger debris such as leaves and bottles, with a 35L bin supporting longer cleaning cycles between emptying.



5 ADAPTIVE AUTONOMOUS NAVIGATION

Integrated LiDAR and visual SLAM positioning help the HDA70 adapt to dynamic environments and navigate large facilities autonomously.



6 UP TO 8 HOURS RUNTIME

A 4 to 8-hour runtime, approximately 3-hour charging time and supported automatic charging help reduce manual intervention between cleaning tasks.

Scan to view video, manuals and more.

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