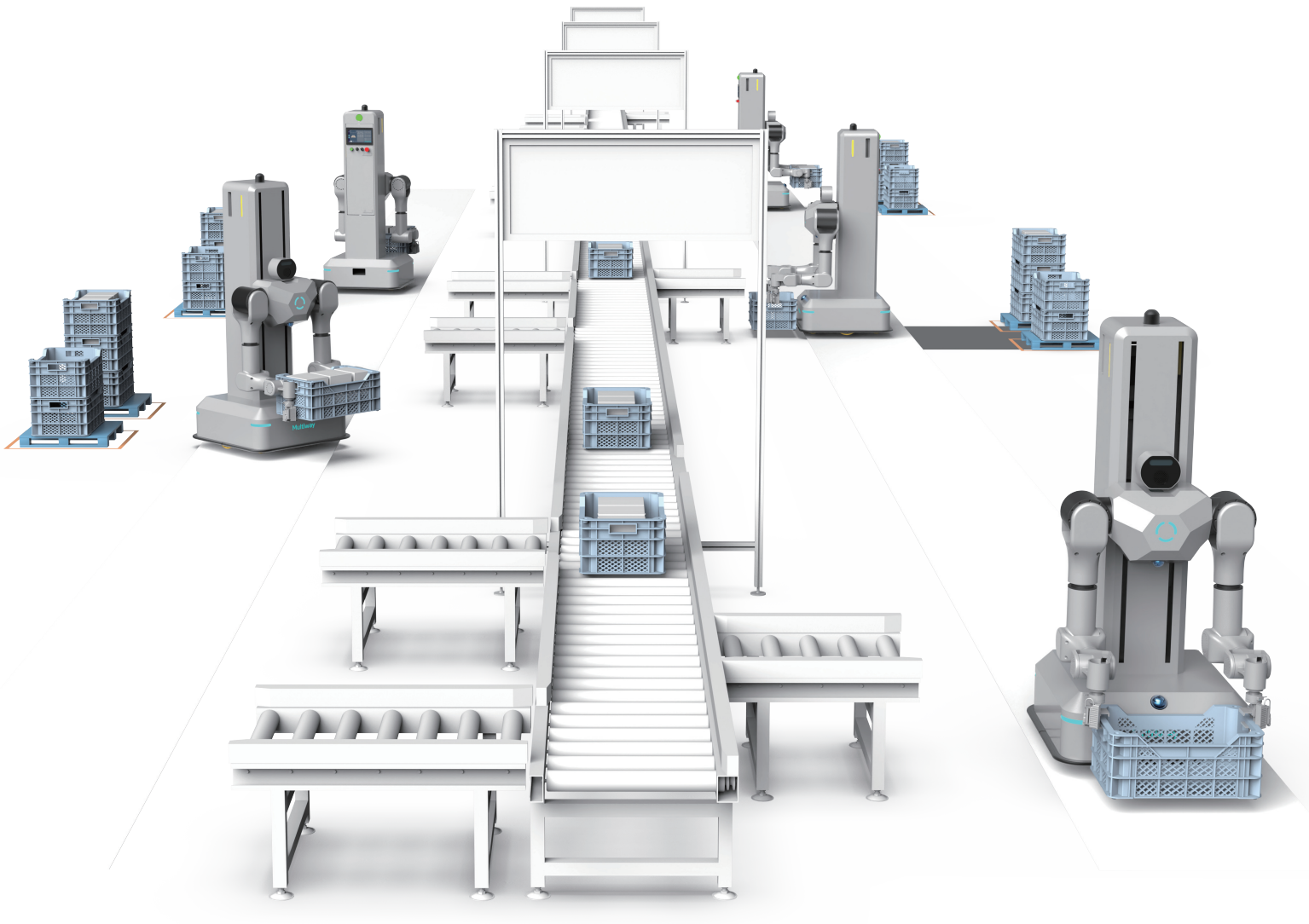
Multiway Robotics

H Series

Wheeled Humanoid Robot

H01

- A Flexible Robot Integrating Mobility and Manipulation
- 7-DOF Robotic Arm × Biomimetic Dexterous Hand × Wheeled Mobile Base
- Autonomous Navigation | Flexible Picking | Material Handling | Loading & Unloading | Stacking & Placement



H Series

H01
Wheeled Humanoid Robot



Specifications

	Model	H01
Basic Parameter	Laser Navigation – 3D SLAM	●
	Wi-Fi Communication	●
	Driving Mode	Forward / Reverse / Turning
	Overall Dimensions（mm）	720x720x1708 (Maximum Dimensions 777x777x1734)
	Chassis Height（mm）	290
	Turning Radius（mm）	1100
	Weight（kg）	440
	Single-Arm Payload（kg）	15
	Arm Reach（mm）	900
	Arm Degrees of Freedom	7
	Vertical Travel（mm）	1000
Movement Specifications	Stop Angle Accuracy（°）	±1
	Position Accuracy（mm）	±10
	Gradeability（mm）	≤2°(3%)
	Groove-Crossing Capability（mm）	≤20
	Obstacle-Clearing Height （mm）	≤10
	Maximum Climbing Angle（°）	5°
	Travel Speed, Unloaded / Loaded（m/s）	2.7/2
	Work Envelope	Horizontal: 0–2,350 mm; Vertical: 2,240 mm
Battery Specifications	Battery Capacity	48V/50Ah
	Operating Time	6~8h

Note: In the real-time update of product parameters, the above parameters are for reference only and shall prevail.

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