



DATA SHEET

Haipick A42 - ACR multi-cubeta

Basic Parameters	Dimensions (L×W×H) (mm)	1600x1000x4330 (Optional up to 5530)
	Net Weight (kg)	485
	Mechanical Rotation Diameter (mm)	1600
	Max. Load of Robot (kg)	300
	Max. Load of Case (kg)	50
	Storage Capacity	1~8
	Dimensions of Case (L×W×H) (mm)	(330~600)×(300~400)×(120~600)
	Picking Height (mm)	400~5200
Performance	Movement Speed (m/s)	1.8
	Atop Accuracy (mm)	±10
Battery	Charging Time (full charge) (h)	≤15
	Charging Time (fast charge) (min)	≤40
	Working Time (full charge) (h)	≥5.4
Deployment Environment	Temperature	0~45°C
	Aisle Width (mm)	1110
	Ground Flatness (mm/2.25 m ²)	±4
Safety	Obstacle Detection	✓
	Mode Anti-collision	✓
	Sound & Light Alarm	✓
	Emergency Stop Button	✓
	Anti-static Function	✓
	Customizable speed (Allocated Area)	✓
	Customizable avoidance (Allocated Area)	✓
Others	Compatible Case Type	Tote
	Communication	Wi-Fi
	Navigation Mode	Inertial navigation + DM Code