HIKROBOT

MR-F7-2000-A1(H)

Towing Forklift Mobile Robot

Key Feature

- Towed cargo handling, maximum load 2 tons.
- Supports automatic hooking and automatic decoupling, and can tow multiple trolleys at one time.
- Supports laser slam/texture navigation with high positioning accuracy.
- Flexible motion control, the maximum operating speed can reach 1.6m/s.
- Intelligent/independent power management, low-power autonomous charging, maintenance-free lithium battery, safe and pollution-free.
- Multiple safety protections, laser anti-collision, cargo detection, emergency stop button, audible alarm and other multiple safety protections.
- Equipment status indication, display screen, indicator lights, etc. display real-time status information.
- Wireless network communication supports WIFI6 network communication and seamless roaming, and the network coverage area operates without obstacles.

Typical Application

Automobile, 3C, manufacturing, logistics and other industries.

Specification

Model			MR-F7-2000-A1(H)
Basic Parameter	Dimension	l1*b1*h6	1496*820*1025 mm
	Weight (with Battery)		680 kg
	Rated Load	Q	2000 kg
	Height of center of traction from ground level	h10	230mm(customizable)
	Traction pin diameter	s	25mm
	Min. ground clearance	m2	26 mm

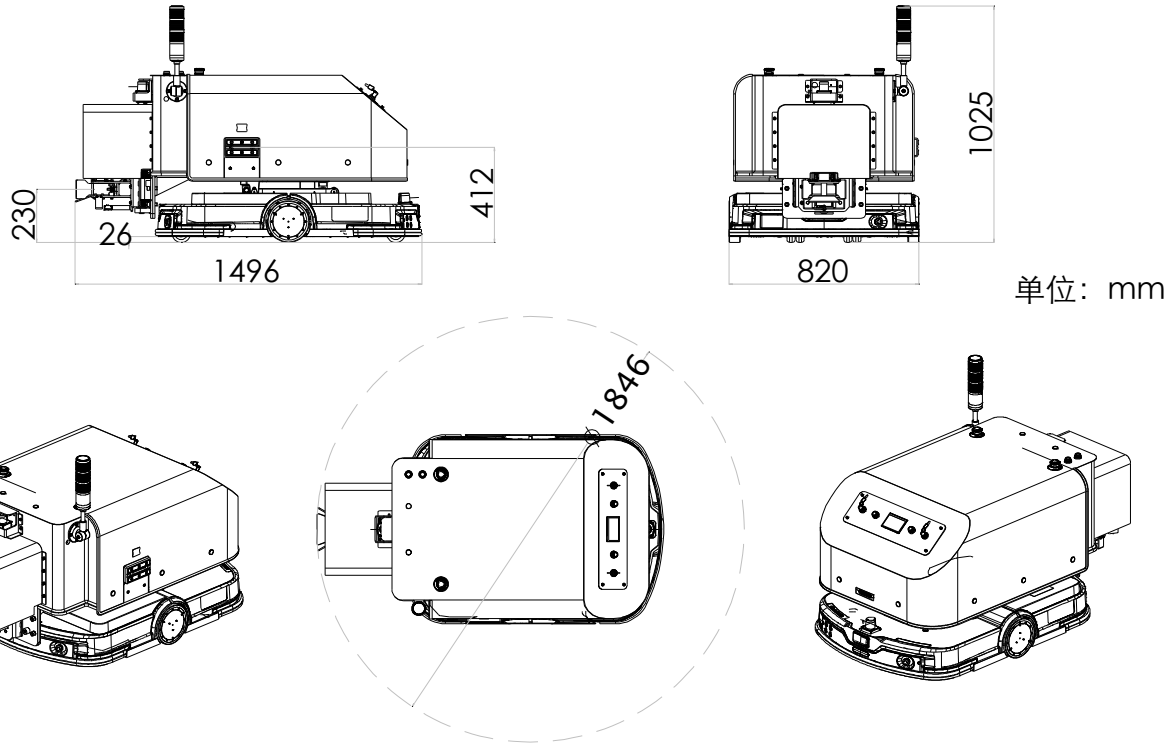
AGT Absolute Gauge Technologies
Presented by: Absolute Gauge Technologies
sales@absolutegauge.com; www.absolutegauge.com,
Toronto: 416 754 3168, Montreal: 514 695 5147, Toll Free: 1 888 754 7008
www.hikrobotics.com

Motion Performance	Running Speed	1.6m/s
	Positioning Accuracy	±10 mm
	Positioning Angle Accuracy	±1°
	Max. Gradeability	3%
	Motion Method	Dual wheel differential drive. Supports forward, backward, arc motion and rotation on site.
Battery Performance	Rated Voltage	48 V
	Charge Cycle	1500 times (for fully charging and discharging)
	Endurance	8 h
	Charge Method	Side
Safety Protection	Laser Obstacle Avoidance	Front, rear
	Bumper Strip	Supports
	Emergency Stop Button	Supports
	Audible and Visual Alarm	Supports
Others	Drive Method	Dual wheel differential drive
	Screen	Supports
	Navigation Mode	Laser SLAM, Visual SLAM
	Manual Operation	HikRobot mobile terminal application
	Noise	≤ 75dB

Available Model

Model	Material code
MR-F7-2000-A1(H)	323101444

Dimension



单位：mm