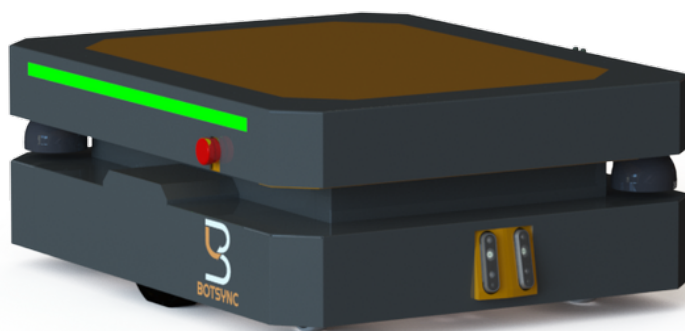


# MAG

The sleek, low-profile autonomous mobile robot to automate your daily material movement operations across warehouse or production floors.



## Size and Weight

Payload	500 kg	300 kg
Dimension	1350 x 850 x 350 mm	800 x 650 x 350 mm
Ground Clearance	40 mm	40 mm

## Battery

Battery Type	LiFePO4 battery
Charging Options	Autonomous, Direct Plug-in
Battery Running time	6 - 8 hours
Battery Capacity	2 kWh
Battery Voltage	48V (for 500 kg), 24V (for 300 kg)
Full Charge Time	2 - 3 hours

## Navigation

Maximum speed	1.5 m/s
Slow-Zone Speed	0.75 m/s
Drive Type	Differential
Wheels	2-wheel differential-drive Non-marking wheels
Turning Radius	0 Degree
Docking Method	Vision-based Docking
Docking Accuracy	< 1 cm

## Environment

Environment	Indoor Use Only
Climb Grade	Flat floor only (full payload)

## Safety

Safety Scanning Laser	360-degree Lidar view 2 x 2D Lidar Protective field range of 3 m
Emergency Stop	2 (Base), 2 (Top Module)
Front Laser	Object Detection up to 3m (Pallets, Forklifts, Humans) 2 x 3D Camera