

MAG300 AMR

The sleek, compact autonomous mobile robot to automate your daily intralogistics operations across warehouse or factory floors.



Size and Weight

Max. Payload	300 kg (Lifting), 500 kg (Towing)
Dimension	850 x 700 x 510 mm
Ground Clearance	40 mm
Robot Weight	230 kg

Battery

Battery Type	LiFePO4 battery
Charging Options	MAG Auto Dock, Manual Direct Plug-in
Battery Running time	6 - 8 hours
Battery Capacity	1.7 kWh
Battery Voltage	48V
Full Charge Time	2 - 3 hours

Navigation

Maximum speed	1.50 m/s
Drive Type	Differential
Wheels	2-wheel differential-drive Non-marking wheels
Turning Radius	0 Degree
Docking Method	Laser-based Docking



Email: contact@botsync.co Phone: +65 8590 4386 Website: www.botsync.co © 2022 Botsync Pte Ltd. All rights reserved. Contact Us For More Information. **SLS Bearings (S) Pte Ltd** 5 Tuas South Street 15, Singapore 636907 www.slsbearings.com Phone : (65) 6515 0515 Email : contact.us@slsbearings.com.sg



Docking	Accuracy
---------	----------

< 1 cm

Environment

Environment	Indoor Use Only
Climb Grade	2 degree max. slope (gradual)
Max. Traversable Gap	20 mm

Safety

Safety Scanning Laser	360-degree Lidar view 2 x 2D Safety-rated Lidar (Front and Back)
Emergency Stop	1 (Rear)
Additional Sensors	1 x Virtual Bumper 1 x 3D Camera 1 x Mechanical Bumper (Front)



Email: contact@botsync.co Phone: +65 8590 4386 Website: www.botsync.co © 2022 Botsync Pte Ltd. All rights reserved. Contact Us For More Information. **SLS Bearings (S) Pte Ltd** 5 Tuas South Street 15, Singapore 636907 www.slsbearings.com Phone : (65) 6515 0515 Email : contact.us@slsbearings.com.sg