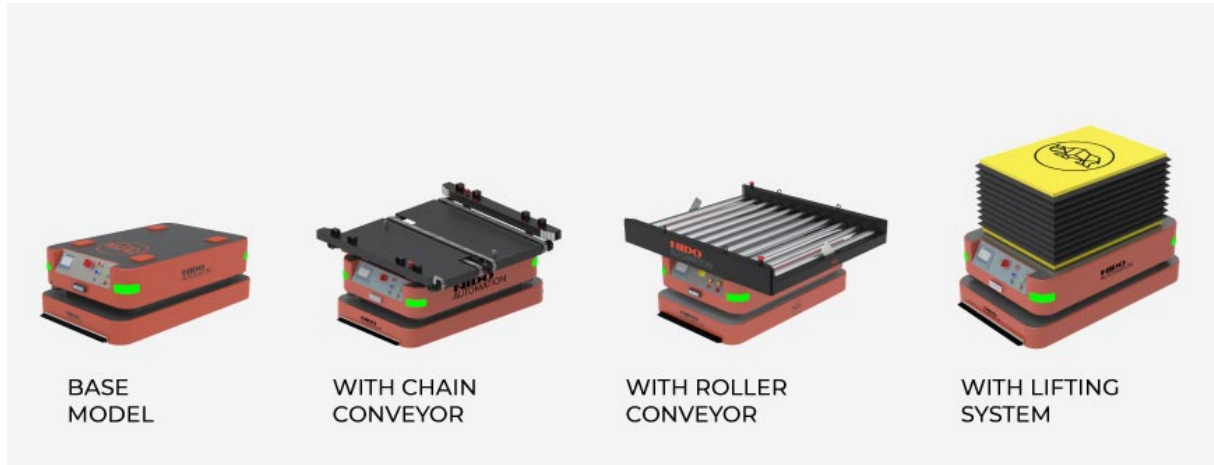
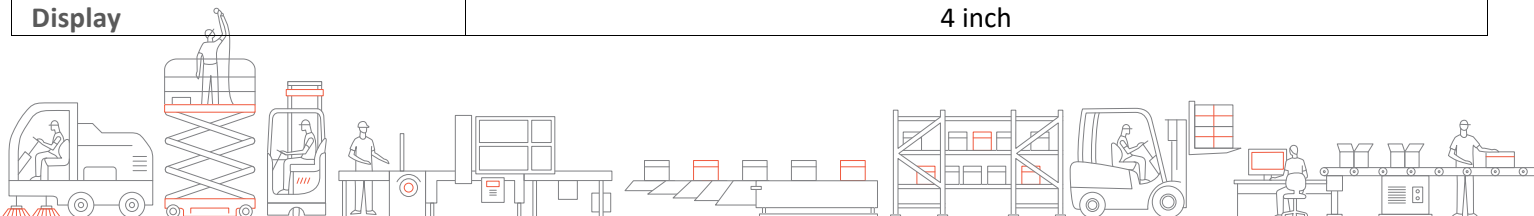


AUTOMATED GUIDED VEHICLES - ERIS SERIES





- Can be deployed with minimum infrastructure modifications. Our Eris series AGVs are intelligent enough to seamlessly integrate into your existing process to create a friendly ecosystem.
- Allows business to target labour shortage. Our Eris series AGVs provide a safe and secure passage of materials inside your distribution centers which helps to increase the process efficiency and performance with minimal human intervention.
- Rely on throughput and delivery rather than process, Hence ideal solution for logistics, e-commerce and warehousing industry.
- Modular and scalable with a variety of connectivity modules.
- Can be customized with multiple attachments for specific application needs.
- User friendly software to manage and monitor the AGV fleet from a single interface.
- ROI in 1.5 to 2 years.

SPECIFICATION	Eris 100	Eris 500	Eris 1500
AGV Dimensions	800 x 500 x 350 mm	1200 x 750 x 350 mm	1800 x 1100 x 400 mm
Attachments	Lift, Tug, Conveyor, Unit Load		
Navigation	Magnetic Tape, RFID, QR code		Magnetic Tape, RFID
Motion	Bi-Directional		
Pay Load	100 kg	500 kg	1500 kg
Max Speed	1.0 m/sec		
Robot weight (kg)	80 kg	300 kg	500 Kg
Turning Radius	0 mm (On the spot turn capable)		
Emergency Stops	2	2	4
Minimum Runtime (50 % Duty cycle)	8 Hours		
Battery charging time	Within 4 Hr		
Battery Type	VRLA		
Provision to move the AGV on Breakdown	Yes		
Static Discharging	Conductive Roller Mechanism		
AGV voltage Rating	24V		
Charging Type	Contact Type Auto Docking		
AGV Colour	Dual Colour Scheme – NIDO Orange (RAL 2012) and Black (RAL 8022)		
Display	4 inch		



Debruy Protection using Bumper and Brush	Front & Rear
Teach Pendant	Manual Pendant
WiFi Client	Yes
Gradient of Floor	2°
Service Life	6-8 years depending on specification
Operating Temperature	5 to 45°C
Humidity	96 %
IP Grade	21
Certifications	International - CE,ANSI B56
Individual Components - Certification Adherence	Yes

Safety Features	
Safety Standards	Up to SIL III
Non-Contact Safety Sensor	<p>Front LIDARs, with field switching and flexible safety zones</p> 
Protection Field	<ul style="list-style-type: none"> • 180°-210° in direction of motion (unidirectional) • 360° all around safety (bidirectional)* 
Contact Safety Sensor	Front and Back
Emergency Stops	2/4 Emergency stops - Front and Back conforming with safety standards
Audio and Visual Indication	Yes – Alarm Buzzer and LED with colour coding for error and alarm status

* customizable

