

Autonomous Mobile Robots















Introducing T2000 model AMRs from Bluepath Robotics, setting a new standard for material handling efficiency in warehouses and factories. With a towing capacity of 2 tons, these cutting-edge AMRs are engineered for optimal performance. Customize your setup with tailored drawbar system to suit your specific needs. Experience precision like never before with ±1 cm localization accuracy, powered by our advanced hybrid localization software. Plus, enjoy seamless integration with the VDA5050 protocol and top-tier safety features meeting PLd safety standards, ensuring a smooth and secure operation every time.

WHAT WE OFFER?



Cutting Edge Technologies

Often leading to more efficient, sustainable, and ground breaking solutions.



End-to-End Solutions

Comprehensive and integrated approaches that cover the entire process.



Customer satisfaction - After Sales

Providing expertise and guidance to users in handling technical challenges or operational issues.



SAFETY

90% chance of a serious accident occurring.



EFFICIENCY 24/7 robots,

no human error.



ROI & PAYBACK TIME

Payback under 2 years, depending on labor costs.



INTEGRATION







Dimensions 870 x 710 x 375mm



Load Capacity 2000 kg



Drive Types Differential



Battery Capacity 80 Ah



Max. Speed 1.5 m/s



Load Handling Tow Type





Detection



3D Obstacle Avoidance



O Navigation Type (Hybrid)

Visual Slam, Laser Slam, Line tracking



Precise Docking YES

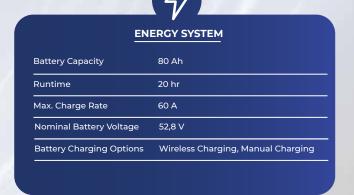






	PERFORMANCE
Max. Payload	2000 kg
Max. Speed	1.5 m/s
Navigation Type	Visual Slam , Laser Slam, Line tracking
Position Accuracy	+ - 1 cm
Max. Turning Speed	0.8 m/s







_	AMR Body	
Drive Types	Differential	
Dimensions	870 x 710 x 375mm	
Weight	230	
Ground Clearance	30mm	
Special Equipments	Gripper	





	ENVIROMENT	
Temperature	-10 to 50	
Max. Humidity	95% , non-condensing	





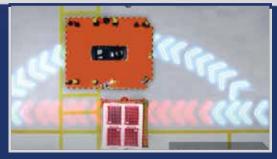


U2000











Introducing the U2000 model AMRs from Bluepath Robotics, revolutionizing material handling in warehouses and factories. With a 2-ton carrying capacity, our Underdrive type U2000 models offer unparalleled strength. Adaptability is key, these AMRs seamlessly integrate with various lift systems, conveyors, and fixtures for diverse applications. Achieve pinpoint accuracy with ±1 cm localization precision powered by our cutting-edge hybrid localization software. Plus, rest assured with VDA5050 protocol compatibility and PLd safety certification, ensuring top-notch safety features for peace of mind.

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INTEGRATION







Dimensions 1690 x 1195 x 375mm



Load Capacity 2000 kg



Drive Types Differential



Battery Capacity 80 Ah



Max. Speed 1.5 m/s



Load Handling **Unit Load**





Object **Detection**



3D Obstacle Avoidance



- Navigation Type (Hybrid) Visual Slam , Laser Slam Line tracking



Precise **Docking** YES

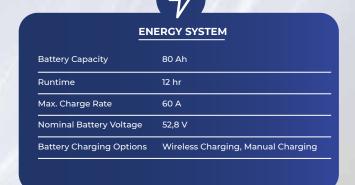






	PERFORMANCE	
	PERFORMANCE	
Max. Payload	2000 kg	
Max. Speed	1.5 m/s	
Navigation Type	Visual Slam , Laser Slam, Line tracking	
Position Accuracy	+ - 1 cm	
Max. Turning Speed	0.8 m/s	

FEATURES	
Yes	
	Yes Yes Yes Yes Yes





_	AMR Body
Drive Types	Differential
Dimensions	1690 x 1195 x 375mm
Weight	450
Ground Clearance	30mm
Special Equipments	Roller Conveyor, electrical lift, hydraulic lift









ANDL-1500













Introducing the ANDL1500 model AMRs from Bluepath Robotics, revolutionizing material handling in warehouses and factories. With a 1,5-ton carrying capacity, our Underdrive type ANDL1500 models offer unparalleled strength. Adaptability is key, these AMRs seamlessly integrate with various lift systems, conveyors, and fixtures for diverse applications. Achieve pinpoint accuracy with ±1 cm localization precision powered by our cutting-edge hybrid localization software. Plus, rest assured with VDA5050 protocol compatibility and PLd safety certification, ensuring top-notch safety features for peace of mind.

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EFFICIENCY 24/7 robots, no human error.



ROI & PAYBACK TIME

Payback under 2 years, depending on labor costs.



INTEGRATION







Dimensions 2500 x 1650 x 850mm



Load Capacity 1500 kg



Drive Types Steer



Battery Capacity 120 Ah



Max Speed 1.0 m/s



Load Handling **Unit Load**





Object **Detection**



3D Obstacle <u>Avoidance</u>



- Navigation Type (Hybrid) Visual Slam , Laser Slam

Line tracking



Precise **Docking** YES

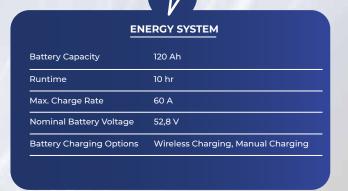






	PERFORMANCE
Max. Payload	1500 kg
Max. Speed	1.0 m/s
Navigation Type	Visual Slam , Laser Slam, Line tracking
Position Accuracy	+ - 1 cm
Max. Turning Speed	0.6 m/s

_	FEATURES	
Obstacle Avoidance	Yes	
3D Object Detection	Yes	
Dynamic Map Update	Yes	
Remote On/off	Yes	
VDA5050 Compatability	Yes	
Precise Docking	Yes	





Steer 2500 x 1650 x 850mm
800
30mm
Roller Conveyor, electrical lift, hydraulic lift















Introducing the U800 model AMRs from Bluepath Robotics, revolutionizing material handling in warehouses and factories. With a 800 kg carrying capacity, our Underdrive type U800 models offer unparalleled strength. Adaptability is key, these AMRs seamlessly integrate with various lift systems, conveyors, and fixtures for diverse applications. These AMRs are customized for tight spaces. Achieve pinpoint accuracy with ±1 cm localization precision powered by our cutting-edge hybrid localization software. Plus, rest assured with VDA5050 protocol compatibility and PLd safety certification, ensuring top-notch safety features for peace of mind.

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Customer satisfaction - After Sales

Providing expertise and guidance to users in handling technical challenges or operational issues.



SAFETY

90% chance of a serious accident occurring.





ROI & PAYBACK TIME

Payback under 2 years, depending on labor costs.



INTEGRATION







Dimensions 1545 x 815 x 305mm



Load Capacity 800 kg



Drive Types Differential



Battery Capacity 80 Ah



Max Speed 1.5 m/s



Load Handling **Unit Load**





Object **Detection**



3D Obstacle Avoidance



- Navigation Type (Hybrid) Visual Slam , Laser Slam Line tracking



Precise **Docking** YES







	PERFORMANCE	
Max. Payload	800 kg	
Max. Speed	1.5 m/s	
Navigation Type	Visual Slam , Laser Sl Line tracking	am,
Position Accuracy	+ - 1 cm	
Max. Turning Speed	0.8 m/s	







_	AMR Body
Drive Types	Differential
Dimensions	1545 x 815 x 305mm
Weight	350
Ground Clearance	30mm
Special Equipments	Roller Conveyor, electrical lift, hydraulic lift, gripper



	ENVIROMENT	
Temperature	-10 to 50	
Max. Humidity	95% , non-condensing	

















Introducing the P2000 model AMRs from Bluepath Robotics, revolutionizing material handling in warehouses and factories. With a 2-ton carrying capacity, our Underdrive type P2000 models offer unparalleled strength. Adaptability is key, these AMRs seamlessly integrate with various lift systems, conveyors, and fixtures for diverse applications. Achieve pinpoint accuracy with ±1 cm localization precision powered by our cutting-edge hybrid localization software. Plus, rest assured with VDA5050 protocol compatibility and PLd safety certification, ensuring top-notch safety features for peace of mind.

WHAT WE OFFER?



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End-to-End Solutions

Comprehensive and integrated approaches that cover the entire process.



Customer satisfaction - After Sales

Providing expertise and guidance to users in handling technical challenges or operational issues.



SAFETY

90% chance of a serious accident occurring.





ROI & PAYBACK TIME

Payback under 2 years, depending on labor costs.



INTEGRATION







Dimensions 1690 x 1195 x 400 mm



Load Capacity 2000 kg



Drive Types Differential



Battery Capacity 80 Ah



Max Speed 1.5 m/s



Load Handling **Unit Load**





Object **Detection**



3D Obstacle Avoidance



-O Navigation Type (Hybrid) Visual Slam , Laser Slam Line tracking



Precise **Docking** YES

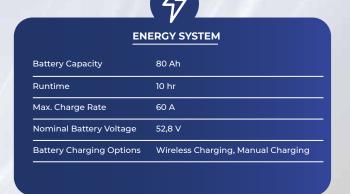






<u>-</u>	PERFORMANCE
Max. Payload	2000 kg
Max. Speed	1.5 m/s
Navigation Type	Visual Slam , Laser Slam, Line tracking
Position Accuracy	+ - 1 cm
Max. Turning Speed	0.8 m/s







_	AMR Body
Drive Types	Differential
Dimensions	1690 x 1195 x 400 mm
Weight	550
Ground Clearance	30mm
Special Equipments	Roller Conveyor, electrical lift, hydraulic lift



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	ENVIROMENT		
Temperature	-10 to 50		
Max. Humidity	95% , non-condensing		







Introducing the F1500 model AMRs from Bluepath Robotics, revolutionizing material handling in warehouses and factories. With a 1500 kg carrying capacity, our Underdrive type F1500 models offer unparalleled strength. Adaptability is key, these AMRs seamlessly integrate with various lift systems, conveyors, and fixtures for diverse applications. Achieve pinpoint accuracy with ±1 cm localization precision powered by our cutting-edge hybrid localization software. Revolutionize your supply chain with F1500, your ultimate solution for on-time deliveries without compromise. Optimize workflows, minimize costs, and prioritize safety – all with one innovative solution. Plus, rest assured with VDA5050 protocol compatibility and PLd safety certification, ensuring top-notch safety features for peace of mind.

WHAT WE OFFER?



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End-to-End Solutions

Comprehensive and integrated approaches that cover the entire process.



Customer satisfaction - After Sales

Providing expertise and guidance to users in handling technical challenges or operational issues.



SAFETY

90% chance of a serious accident occurring.



EFFICIENCY

24/7 robots, no human error.



ROI & PAYBACK TIME

Payback under 2 years, depending on labor costs.



INTEGRATION







Dimensions 1950 x 1000 x 2200 mm



Load Capacity 1500 kg



Drive Types Steer



Battery Capacity 160 Ah



Max Speed 1.5 m/s



Load Handling Forklift





Object Detection



3D Obstacle <u>Avoidance</u>



- Navigation Type (Hybrid) Visual Slam , Laser Slam Line tracking



Precise **Docking** YES







	PERFORMANCE
Max. Payload	1500 kg
Max. Speed	1.5 m/s
Navigation Type	Visual Slam , Laser Slam, Line tracking
Position Accuracy	+ - 1 cm
Max. Turning Speed	0.8 m/s

FEATURES	
Yes	
	Yes Yes Yes Yes Yes

ENE	ERGY SYSTEM
Battery Capacity	160 Ah
Runtime	10 hr
Max. Charge Rate	60 A
Nominal Battery Voltage	52,8 V
Battery Charging Options	Wireless Charging, Manual Charging



_	AMR Body	
Drive Types	Steer	
Dimensions	1950 x 1000 x 2200 mm	
Weight	1300	
Ground Clearance	30mm	
Special Equipments	Europalette, industrial palette, finnish palette,	













Introducing the O2000 model AMRs from Bluepath Robotics, revolutionizing material handling in warehouses and factories. With a 2-ton carrying capacity, our Underdrive type O2000 models offer unparalleled strength. Adaptabilityis key, these AMRs seamlessly integrate with various lift systems, conveyors, and fixtures for diverse applications. Achieve pinpoint accuracy with ±1 cm localization precision powered by our cutting-edge hybrid localization software. Experience AMR's seamless movement in both the x and y directions, maximizing efficiency for your business. Plus, rest assured with VDA5050 protocol compatibility and PLd safety certification, ensuring top-notch safety features for peace of mind.

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End-to-End Solutions

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Customer satisfaction - After Sales

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SAFETY

90% chance of a serious accident occurring.



EFFICIENCY

24/7 robots, no human error.



ROI & PAYBACK TIME

Payback under 2 years, depending on labor costs.



INTEGRATION







Dimensions 1690 x 1195 x 375mm



Load Capacity 2000 kg



Drive Types Omnidirectional



Battery Capacity 80 Ah



Max Speed 1.5 m/s



Load Handling **Unit Load**





Object Detection



3D Obstacle <u>Avoidance</u>



-O Navigation Type (Hybrid) Visual Slam , Laser Slam Line tracking



Precise **Docking** YES







	PERFORMANCE
Max. Payload	2000 kg
Max. Speed	1.5 m/s
Navigation Type	Visual Slam , Laser Slam, Line tracking
Position Accuracy	+ - 1 cm
Max. Turning Speed	0.8 m/s







	AMR Body
Orive Types	Omnidirectional
imensions	1690 x 1195 x 375mm
	450
Ground Clearance	30mm
Special Equipments	Roller Conveyor, electrical lift, hydraulic lift













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