Better Performance Better Value

Flexible Picking Solutions for Your Warehouse

ForwardX Max AMRs

Point-to-point, end-to-end smart logistics

The Max series brings the flexibility of the Flex series to the larger and heavier goods and materials in the warehouse. With load capacities of up to 1,322 lbs, Max AMRs are suited for pallet- and case-picking for B2B retail store replenishment and B2C eCommerce fulfillment.

The Max L series is equipped with a lifting function, that when combined with the onboard sensors and cameras allows the AMRs to autonomously locate pallets or other larger racks and work with forklifts to automate pallet-based receiving, putaway, replenishment, raw material movement, and shipping workflows.

Max 600

Max 600-L

Max 600   ## Max 600-L

		Max 600	Max 600-L
Dimensions	Length	1,380 mm (58.33 in)	1,380 mm (58.33 in)
	Width	900 mm (35.43 in)	900 mm (35.43 in)
	Height	320 mm (12.60 in)	320 mm (12.60 in)
	Height (with extension)	320 mm (12.60 in)	335 mm (13.18 in)
	Ground Clearance	35 mm (1.37 in)	35 mm (1.37 in)
Capacity	Weight	260kg (573 lbs)	410kg (903 lbs)
	Max. Load Capacity	600kg (1,322 lbs)	600kg (1,322 lbs)
	Load Surface	1,380x900 mm (54.33x35.43 in)	1,200x720 mm (47.24x28.34 in)
Function	Lifting Height	-	60 mm (2.36 in)
Performance	Navigation Mode	Natural/Road Network/Hybird/Follow	
	Positioning Mode	Laser SLAM/Visual Tag/Visual Semantics	
Communication	Wi-Fi (IEEE 802.11a/b/g/n/ac)	Yes	
	Wi-Fi (IEEE 802.11ax)	Optional	
	Cellular Network (Public 4G/5G)	Optional	
	Cellular Network (Private LTE)	Optional	
Power	Endurance	~8 hrs per charge	
	Battery Type	Li-LFP	
	Charging Mode	DC CC-CV	
	Battery Swap	Yes	
Sensors	LiDAR	2	
	UWA Cameras (front)	1	
	UWA Cameras (side)	2	
	3D Cameras	2	
	Odometer	1	
	IMU	1	
Interaction	Audio	Yes	
	Lights	4 (four sides)	
	Screen	Yes	
Safety	Safety Contact Edge	4 (front/rear/side)	
	Emergency Stop Button	2 (front/rear)	

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