



Better Performance Better Value

Flexible Picking Solutions for Your Warehouse



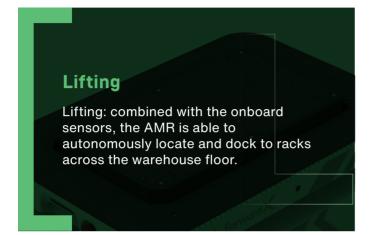
ForwardX Flex AMRs

Reshape your business intelligently

The Flex family is highly scalable and can be adapted to different scenarios through a variety of functional modules.



ForwardX AMRs Integrated Accessories

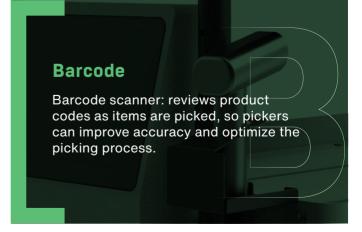












ForwardX Flex AMRs

Intelligently reshaping warehousing and logistics business processes

Flex 300-L models are equipped with a lifting function, that when combined with the sensors and cameras allow for autonomous rack position detection and docking. The fully unmanned handling of racks and picking containers reduces personnel involvement and drastically increases efficiency and productivity in the picking process.

Flex 300-S integrates a touch-screen interface directly attached to the AMR. The software can be adapted to users' needs with visuals, bar codes, item quantities, etc.

Flex 300-SCB is the triple decker AMR and can be equipped with optional printers, RFID scanners, and barcode scanners. Flex 300-SCB is best suited to piece-picking and sorting operations. The three-level design allows employees to organize shipments as they are picked. The easy-to-follow instructions not only lets the worker know what to pick but exactly where it should be placed on the installed rack. Flex 300-SCB significantly reduces the time it takes to pick, pack, and review every order leading to a drastic improvement in worker efficiency and units picked per hour.









Flex 300-S



Flex 300-SCB

Dimensions	Length	950 mm (37.40 in)	950 mm (37.40 in)	1,050 mm (41.33 in)
	Width	650 mm (25.59 in)	650 mm (25.59 in)	650 mm (25.59 in)
	Height	295 mm (11.61 in)	295 mm (11.61 in)	295 mm (11.61 in)
	Height (with extension)	330 mm (12.99 in)	1,240 mm (48.81 in)	1,600 mm (62.99 in)
	Ground Clearance	20 mm (0.78 in)	20 mm (0.78 in)	20 mm (0.78 in)
Capacity	Weight	130kg (286 lbs)	100kg (220 lbs)	130kg (286 lbs)
	Max. Load Capacity	300kg (661 lbs)	300kg (661 lbs)	300kg (661 lbs)
	Load Surface	670x390 mm	810x650 mm	845x650 mm
		(26.37x15.35 in)	(31.88x25.59 in)	(33.26x25.59 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		
Cellouid	UWA Cameras (front)			
	UWA Cameras (side)	2		
	3D Cameras			
	Odometer			
	IMU			
Interaction	Audio	Yes		
	Lights	4 (four sides)		

2 (front/rear)

2 (front/rear)

Safety Contact Edge

Emergency Stop Button

Safety

2 (front/rear)

4 (front/rear)

2 (front/rear)

2 (front/rear)

Better Performance Better Value



Sales

1300-474-246

Contact Email

sales@richmondau.com

Website

www.richmondau.com



Media

oversea@forwardx.com

PR

oversea@forwardx.com

Website

www.forwardx.com

- Richmond Wheel & Castor Co.
- @RichmondCastors
- richmondwheelandcastors

in

ForwardX Robotics



ForwardX Robotics



@ForwardX_US