

# Better Performance Better Value

Flexible Picking Solutions for Your Warehouse



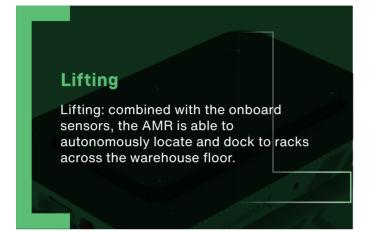
### ForwardX Flex AMRs

## 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

Safety	Safety Contact Edge	2 (front/rear)	2 (front/rear)	2 (front/rear)
	Screen	Yes		
Interaction	Audio Lights	Yes 4 (four sides)		
	IMU			
	Odometer			
	3D Cameras			
	UWA Cameras (side)	2		
	UWA Cameras (front)			
Sensors	LiDAR	2		
	Battery Swap	Yes		
	Charging Mode	DC CC-CV		
	Battery Type	Li-LFP		
Power	Endurance	~8 hrs per charge		
	Cellular Network (Private LTE)	Optional		
	Cellular Network (Public 4G/5G)	Optional		
Communication	Wi-Fi (IEEE 802.11a/b/g/n/ac) Wi-Fi (IEEE 802.11ax)	Yes Optional		
Performance	Navigation Mode Positioning Mode	Natural/Road Network/Hybird/Follow Laser SLAM/Visual Tag/Visual Semantics		
		(20.37213.33 11)	(31.33823.37 111)	(00.20820.07 III)
	Load Surface	670x390 mm (26.37x15.35 in)	810x650 mm (31.88x25.59 in)	845x650 mm (33.26x25.59 in)
	Max. Payload Load Surface	300kg (661 lbs)	300kg (661 lbs)	300kg (661 lbs)
Payload	Weight	130kg (286 lbs)	100kg (220 lbs)	130kg (286 lbs)
	Ground Clearance	20 mm (0.78 in)	20 mm (0.78 in)	20 mm (0.78 in)
	Height Height (with extension)	330 mm (12.99 in)	295 mm (11.61 in) 1,240 mm (48.81 in)	295 mm (11.61 in) 1,600 mm (62.99 in)
	Width	650 mm (25.59 in) 295 mm (11.61 in)	650 mm (25.59 in)	650 mm (25.59 in)
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2 (front/rear)

**Emergency Stop Button** 

4 (front/rear)

2 (front/rear)

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ForwardX Robotics

