

ForwardX Flex 60-S

Flexible and Lightweight AMR

Flex 60-S is designed for human-machine collaboration and excels in ultra-narrow aisles. Equipped with RGBD cameras and sophisticated sensors, it boasts exceptional 3-D spatial awareness within 1.5 meters high. Guaranteeing safety and efficiency, Flex 60-S works seamlessly alongside human workers for optimized picking processes. For piece picking scenarios that require an extra level of precision, add on autonomous weighing scales for unbeatable picking accuracy.



Flex 60-S

Product Specification



Flex 60-S

Dimensions	Length	600 mm [23.62 in]
	Width	480 mm [18.89 in]
	Height	1,500 mm [62.95 in]
	Turning Diameter	707 mm [27.83 in]
Payload	Weight	90 kg [198 lbs]
	Max.Payload	80 kg [176 lbs]
	Load Surface	470x470 mm [18.5x18.5 in]
	Lift	-
	Weighing Scale	Optional
Performance	Navigation Mode	Natural / Road Network / Hybrid
	Positioning Mode	Laser SLAM / Visual / Optional QR Code Navigation
Communication	Wi-Fi (IEEE 802.11a/b/g/n/ac)	Yes
	Cellular Network (Public 4G/5G)	Optional
Power	Endurance	-8 hrs Per Charge
	Battery Type	LFP
Sensors	LiDAR	1
	UWA Cameras	1
	Marker Camera	-
	3D Camera	2
Interaction	Audio	Yes
	Lights	Yes
	HMI	Yes
Safety	Safety Bumper	Yes
	Emergency Stop Button	1
	Audible And Visual Alarm	Yes
	Movement Obstacle Perception	Yes
Compliance	CE	Optional

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