

RICHMOND FLEX 600-ST

Intelligently Reshaping Warehousing
and Manufacturing Business Processes



The Flex 600-ST is a one-of-a-kind towing AMR. Equipped with an on-board screen for streamlined workflows, and advanced sensors offering complete 360° obstacle recognition, this autonomous tugger is the epitome of safety and efficiency. Let Flex 600-ST handle all the tugging, towing, and pulling, to revolutionize your warehouse operations.

FLEX 600-ST

PRODUCT SPECIFICATION



FLEX 600-ST

Dimensions	Length	1,300 mm [51.18 in]
	Width	650 mm [25.59 in]
	Height	1,240 mm [48.81 in]
	Ground Clearance	20 mm [0.78 in]
	Turning Diameter	1,660 mm [65.35 in]
Payload	Weight	180 kg [396 lbs]
	Towing Module	Yes
	Towing Capacity	600 kg [1,322 lbs]
	Ground Clearance	120-320 mm [4.72-12.59in]
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
	Wi-Fi (IEEE 802.11ax)	Optional
	Cellular Network (Public 4G/5G)	Optional
Power	Endurance	~5.5 hrs Per Charge
	Battery Type	LFP
	Charging Mode	DC CC-CV
	Battery Swap	Yes
Sensors	LiDAR	3
	UWA Cameras	1
	Marker Camera	1
	3D Cameras	-
	Odometer	1
	IMU	1
Interation	Audio	Yes
	Lights	Yes
	Screen	Yes
Safety	Safety Bumper	Yes
	Emergency Stop Button	4
Compliance	CE	Yes