The world's first autonomous mobile manipulation robot (AMMR)

I AM Swift™

Mobile Picking and Transport Robot

Swift works like a human order picker, moving through inventory aisles, finding the right products, picking them into a tote, and then transporting that tote downstream for packaging and shipment.

Grow Your Business Without Adding Labor

Optimize your long tail strategy and grow your business. Swift enables you to offer a greater assortment of products without adding labor.

Reduce Labor Costs

One person managing a fleet of Swift robots can handle the picking assignments of multiple workers in a manual system. Plus, implementing Swift can compensate for scarce or unreliable labor.

Boost Employee Satisfaction

Swift takes on unpopular, monotonous work and eliminates the average 10+ miles per day a picker has to walk. Reassign pickers to more engaging roles and see employee satisfaction rise.

Scale at Your Own Pace

Swift's affordability and flexibility lowers the barrier to automate at your own pace. Expand your robot picking fleet as your business and revenue grow.

Optimize Inventory

Swift is optimized for goods-to-person discrete and batch picking order fulfillment, which can double throughput by eliminating walk and search time.

Reduce Picking Errors

Swift is equipped with advanced computer vision technology, which enables the robots to see and locate objects in 3-D and in real time, providing unmatched picking success.

15% INCREASE IN HIGH-SPEED CAPACITY
Swift enables your existing AS/RS systems to run more efficiently

95% DECREASE IN WASTEFUL WALKING
Swift does the "walking" so your employees can work on more productive tasks

100% PREDICTABILITY
Costs are fully predictable with Swift, unlike variable labor and operation costs

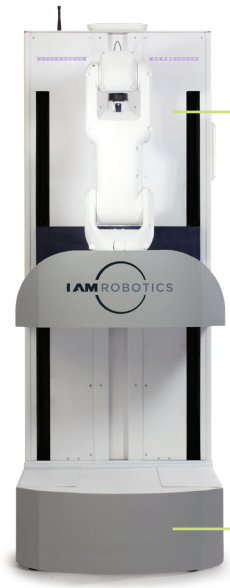
350% INCREASE IN LABOR PRODUCTIVITY
Employee hiring and training costs are reduced, turnover eliminated, retention rises

99.9% ORDER SUCCESS RATE
Swift is capable of near perfect order success rate, virtually eliminating errors

24/7 CONTINUOUS OPERATION
Swift operates around the clock, raising productivity

IAM ROBOTICS

Swift™



SIZE & WEIGHT	DIMENSIONS	43.6 L x 74 H x 27.7 W in. (110.8 x 188.8 x 70.4 cm)
	WEIGHT	650 lbs (294.87 kg)
SPEED & PERFORMANCE	TOP SHELF PICKING HEIGHT	84 in. (213.36 cm)
	BOTTOM SHELF PICKING HEIGHT	2 in. (50.8 mm)
	CARRIAGE PAYLOAD	~40 lbs (18.14 kg)
	PICKING PAYLOAD	Up to 2 lbs (907 g)*
	ARM MODEL	FANUC LR Mate 200iD
	SUSPENSION	Passive
	NAVIGATION POSITIONAL ACCURACY	0.78 in. (±20 mm)
	TURNING RADIUS	0 mm
	SAFETY SENSORS	Forward and rear-facing obstacle detection to 9 feet
BATTERY & POWER SYSTEM	BATTERY TECHNOLOGY	Lithium Iron Phosphate
	BATTERY LIFE	8-10 hours per charge, ~3000 charge cycles
	HOT SWAPPABLE BATTERY	2 batteries included, good for 3 shifts
	CHARGE TIME	6-7 hours
	BATTERY VOLTAGE & CAPACITY	54 V / 100 Ah
MISCELLANEOUS	ACCESSORIES	Flash™ product scanner, SwiftLink™ interfacing software, SwiftLink Mobile (handheld control), Batteries (2), Charging station
	USER INTERFACE	Onboard LCD touch-screen and mobile handheld control
	COMMUNICATION	Wi-Fi 802.11 ac/a/b/g/n 2.4 GHz, 5 GHz
	SAFETY	4 emergency stop buttons and sensors pause robot near humans

*With standard end effector (33-mm diameter suction cup) and up to 18-inch shelf depth. Custom end effectors may be available that increase the picking payload weight.

Learn more at iamrobotics.com

Phone: 412.626.7425

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