

MOVING THE WORLD
INTELLIGENTLY



FleetSort

Flexible Sorting Solution

Automatic Docking

- Flexible solutions for automated equipment docking
- Integrate our solutions seamlessly with your company's infrastructure
- Easily expand your business based on changes in the market

Intelligent Cooperation

- Intelligent operations for Multi-Robot Cooperation
- Deploy accurate control over robotics
- Effortless integration with other automated equipment

Flexibly combine with Picking robots for

- Multi-floor layouts
- Single-floor layouts
- Fully automated warehouses

Through an intelligent sorting system, the FleetSort solution manages s-series robots and other smart equipment. FleetSort can be implemented in various business scenarios, including global express courier services, footwear & apparel sectors, and FMCG industries. In addition, FleetSort can contribute to the intelligent upgrading of traditional warehouse operations.

Application: Cross docking sorting, order sorting, parcel sorting

Applicable Industries: Courier services, Footwear & Apparel, eCommerce, FMCG

S20C-A

The next generation of sorting has arrived. S20C-A FleetSort robot is equipped with a lifting module, enabling robots to link-up with equipment at different heights. Adjust the height of the FleetSort during operation and enhance the utilization of vertical space while allowing accurate delivery for multi-height scenarios.



Model	S20T	S20C	S20C-A	S100C
Dimensions	560*510*1345mm	560*600*1027mm	560*600* (570-1150) mm	1170*832*590mm
Weight	70kg	75kg	100kg	235kg
Payload	8kg	20kg	20kg	100kg
Max load size	Man Load	320*320*300mm	600*420*400 mm	600*420*400 mm
	Conveyor Load		520*400*400mm	520*400*400 mm
Carrier Surface Height	1276mm, Customizable	1000mm, Customizable	570mm, 800mm, 1030mm Customizable: 520-1100mm	540mm, Customizable
Unloaded Speed	2.5m/s		2.5m/s	2.0m/s
Uploaded Speed	2.0m/s		2.0m/s	1.6m/s
Stop Accuracy	<10mm			
Run Time	10 mins charging for 1.5h full work		10 mins charging for 1.5h full work	10 mins charging for 2-3h full work, support user-defined scenario
Battery Life	Full charging and discharging cycle > 2,000			
Obstacle Detection Sensor	LiDAR		LiDAR	Infrared sensor, LiDAR supported

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