

S-Series Robots S20T V2.0

Product Dimensions

Body Size:560×510×1345mm
Weight: 70 kg
Payload: 8kg
Max Load Size: 320×320×300mm
Min Load Size: 100×100×10mm
Carrier Surface Height: 1276mm (Customizable)

Battery & Power

Battery Type: Lithium-ion, DC50.4V, 12Ah
Cycle Life: Full charging and discharging cycle >2,000
Charging Time:10 minutes charge for 1.5 hours of work(typical working environment)



Core Features & Performance		Safety & Environmental Adaptability	
BaseTravel Speed	Robot Max Speed: 2.5m/s	Obstacle Detection	Lidar obstacle detection
	Fully Loaded Speed: 2.0m/s	Emergency Features	Emergency stop button
Position Accuracy	<10mm	Operating Conditions	Temperature: -10~45°C

S-Series Robots S20C V2.0

Product Dimensions

Body Size:560×600× 1027mm
Weight: 75 kg
Payload: 20kg
Max Load Size: 600*420*400 mm
520*400*400mm(Conveyor line)
Min Load Size: 150*150*15mm
Carrier Surface Height: 1000mm (Customizable)

Battery & Power

Battery Type: Lithium-ion, DC50.4V, 12Ah
Cycle Life: Full charging and discharging cycle >2,000
Charging Time:10 minutes charge for 1.5 hours of work(typical working environment)



Core Features & Performance		Safety & Environmental Adaptability	
BaseTravel Speed	Robot Max Speed: 2.5m/s	Obstacle Detection	Lidar obstacle detection
	Fully Loaded Speed: 2.0m/s	Emergency Features	Emergency stop button
Position Accuracy	<10mm	Operating Conditions	Temperature: -10~45°C

S-Series Robots S100C V2.0

Product Dimensions

Body Size:1170×832× 590mm
Weight: 235 kg
Payload: 100kg
Max Load Size:
Single package :
750*1000*600mm720*1000*600mm(Conveyor line)
Two packages :
750*450*600mm,720*450*600mm(Conveyor line)
Min Load Size: 180*180*50mm
Carrier Surface Height: 540mm (Customizable)



Battery & Power

Battery Type: Lithium, DC50.4V, 38.5Ah
Cycle Life: Full charging and discharging cycle >2,000
Charging Time:10 minutes charge for 2-3 hours of work(typical working environment), support user-defined scenario

Core Features & Performance		Safety & Environmental Adaptability	
BaseTravel Speed	Robot Max Speed: 2.0m/s	Obstacle Detection	Infrared sensor, support LiDAR
	Fully Loaded Speed: 2.0m/s	Emergency Features	Emergency stop button
Position Accuracy	<10mm	Operating Conditions	Temperature: -10~45°C

S-Series Robots S20C-A V2.0

Product Dimensions

Body Size:560×600× 577-1127mm
Weight: 100 kg
Payload: 20kg
Max Load Size: 600*420*400 mm
520*400*400mm(Conveyor line)
Min Load Size: 150*150*15mm
Carrier Surface Height:Adjustable(550-1100)

Battery & Power

Battery Type: Lithium-ion, DC50.4V, 12Ah
Cycle Life: Full charging and discharging cycle >2,000
Charging Time:10 minutes charge for 1.5 hours of work(typical working environment)



Core Features & Performance

BaseTravel Speed	Robot Max Speed: 2.5m/s
	Fully Loaded Speed: 2.0m/s

Position Accuracy	<10mm
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Safety & Environmental Adaptability

Obstacle Detection	Lidar obstacle detection
Emergency Features	Emergency stop button

Operating Conditions	Temperature: -10~45°C
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S-Series Robots S20C-H-SNE V3.0

Product Dimensions

Body Size:650×600× 1027mm
Weight: 75kg
Payload: 20kg
Max Load Size: 600*420*400 mm
520*400*400mm(Conveyor line)
Min Load Size: 150*150*15mm
Carrier Surface Height:1000mm (Customizable)

Battery & Power

Battery Type: Lithium-ion, DC50.4V, 12Ah
Cycle Life: Full charging and discharging cycle >2,000
Charging Time:10 minutes charge for 1.5 hours of work(typical working environment)



Core Features & Performance		Safety & Environmental Adaptability	
BaseTravel Speed	Robot Max Speed: 2.0m/s	Obstacle Detection	Lidar obstacle detection
	Fully Loaded Speed: 2.0m/s	Emergency Features	Emergency stop button
Position Accuracy	<10mm	Operating Conditions	Temperature: -10~45°C

S-Series Robots S20C V3.0

Product Dimensions

Body Size:650×600× 1027mm
Weight: 78kg
Payload: 20kg
Max Load Size: 600*420*400 mm
520*400*400mm(Conveyor line)
Min Load Size: 150*150*15mm
Carrier Surface Height:1000mm (Customizable)



Battery & Power

Battery Type: Lithium-ion, DC51.8V, 12.4Ah
Cycle Life: Full charging and discharging cycle >2,000
Charging Time:10 minutes charge for 1.5 hours of work(typical working environment)

Core Features & Performance		Safety & Environmental Adaptability	
BaseTravel Speed	Robot Max Speed: 2.5m/s	Obstacle Detection	Lidar obstacle detection
	Fully Loaded Speed: 2.5m/s	Emergency Features	Emergency stop button
Position Accuracy	<10mm	Operating Conditions	Temperature: -10~45°C