

ROBOTIX MARKET

SERIES BROCHURE
2026 edition



KEENON ROBOTICS · HEAVY-LOAD
DELIVERY ROBOTS · ROBOTIX MARKET

S100 · S300

**KEENON's heavy-load
delivery robots**

A 100 kg+ courier platform and a 300 kg
lifting robot for moving goods through
factories and warehouses.



Available worldwide from Robotix Market
robotixmarket.com

OVERVIEW

Heavy goods, moved autonomously

KEENON's S-series robots take the carrying out of industrial delivery. The S100 is an agile courier that moves 100 kg+ of bulky goods on its loading platform at up to 1 m/s. The S300 is a lifting robot: its 230 mm-high chassis lifts up to 300 kg, including shelves up to 120 × 120 cm, and it works offline, on regular routes or multi-stop runs.

Two ways to move heavy goods

The S100 carries 100 kg+ on its loading platform; the S300 lifts up to 300 kg on a shelfless lifting platform at a single touch.

Plans its own route

LiDAR SLAM and stereo vision fusion on both: the robot replans its route in milliseconds to avoid obstacles along the path.

Keeps running

The S100 charges from a charging pile or an adapter or swaps its battery in 15 seconds; the S300 charges automatically or manually or swaps its battery.

Shelves up to 120 × 120 cm

The S300's 230 mm-high chassis handles shelves up to 1200 × 1200 mm.

360° safety

Three stereo vision sensors, two LiDARs and a VSLAM vision sensor watch all around, with three emergency stop buttons on each robot.

Quick to start

The S100 comes with its operating system and app pre-installed; the S300 sets up with VSLAM, without magnetic tape or QR codes, in as little as a day.

**300 kg**

MAX PAYLOAD
(S300)

100 kg+

MAX PAYLOAD
(S100)

8 h

BATTERY LIFE
(S100)

15 s

BATTERY SWAP
(S100)

1 day

SET-UP (S300)

Which S-series robot?

CHOSEN BY LOAD AND BY HOW YOUR GOODS ARE STORED



S100

Courier platform, 100 kg+

- Loading platform 865 × 600 × 800 mm
- Up to 1 m/s, passes 90 cm aisles
- 8 h per charge, 2.5 h to charge
- Pre-installed operating system and app



S300

Lifting robot, 300 kg

- 230 mm chassis, shelves up to 120 × 120 cm
- Loop, direct, multi-point and transport modes
- 6 h at full load, 3.5 h fast charging
- Works offline, no Wi-Fi or 5G needed

S100 · S300 compared

KEENON S100

Courier platform · 100 kg+

KEENON S300

Lifting robot · 300 kg

BODY		
Size (W × D × H)	925 × 640 × 1282 mm	
Weight	87.5 kg (with battery)	115 kg (with battery)
Chassis height	—	230 mm
LOAD		
Maximum payload	100 kg+	300 kg
Loading platform	865 × 600 × 800 mm	860 × 600 mm (W × D)
How it carries	Goods on its loading platform	Shelfless lifting platform, raised at a single touch
Compatible shelves	—	Up to 1200 × 1200 mm
MOTION		
Maximum speed	1 m/s	—
Minimum passage width	90 cm (without rotation)	—
Delivery modes	—	Loop, direct, multi-point, transport
POWER		
Battery life*	8 h (loads under 100 kg)	6 h at full load
Charging time**	2.5 h	3.5 h (fast charging)
Charging options	Charging pile, adapter, 15-second battery swap	Automatic charging, manual charging, battery swap
NAVIGATION AND SAFETY		
Navigation	LiDAR SLAM and stereo vision fusion; routes replanned in milliseconds	
Sensors	3 stereo vision sensors, 2 LiDARs, 1 VSLAM vision sensor	
Safety	360° protection, 3 emergency stop buttons	
OPERATION		
Software	Pre-installed operating system and app, ready to use	—
Offline operation	—	Path planning and tasks on the robot; no central control, Wi-Fi or 5G needed
Deployment	—	VSLAM set-up without magnetic tape or QR codes, in as little as 1 day

— not specified for that model. * Battery life depends on many factors and operating conditions; the S100's figure applies to loads under 100 kg.

** S100: from 0 % to 100 %, with a charger or charging pile and the robot powered on.

In the box: we confirm the full packing list, including the charging equipment and any carts, racks or shelves you need, with your quotation.

Sources: KEENON S100 and S300 product pages on keenon.com and keenon.cn (product parameters and feature sections), September 2026. All figures are the manufacturer's.

Made for heavy delivery



Lifts the shelf, not just the load (S300)

The S300 moves under shelves and racks on a 230 mm-high chassis, lifts up to 300 kg at a single touch and plans its own route through the aisles with LiDAR SLAM and stereo vision.



Ready to use (S100)

A pre-installed operating system and app on the robot's own screen make the S100 ready for instant deployment.



Carts and cages (S300)

Shelfless lifting handles shelves up to 120 × 120 cm, and four delivery modes cover loop, direct, multi-point and transport runs.



Around the clock (S100)

Charge from a charging pile or an adapter, or swap the battery in 15 seconds: up to 8 hours per charge and 2.5 hours to recharge.



Works offline (S300)

Path planning and task execution run on the robot itself, without a central control system or an external Wi-Fi or 5G network.

From the workshop to the warehouse

Factories and workshops (S100, S300)

Industrial goods moved across the workspace: bulky goods on the S100's platform, up to 300 kg on the S300.

Warehouses (S300)

Lifts shelves and racks up to 120 x 120 cm and takes them where they are needed.

Repeat and multi-stop runs (S300)

Loop, direct, multi-point and transport modes for regular routes and several drop-offs.

Sites with patchy Wi-Fi (S300)

Plans paths and carries out tasks on the robot itself, with no central control system, Wi-Fi or 5G.

Around the clock (S100, S300)

Battery swaps and several charging options keep deliveries going 24/7.

Shared, busy floors (S100, S300)

360° perception and three emergency stops, with routes replanned in milliseconds around obstacles.



360° safety on shared floors

Both robots fuse 3D vision from three stereo vision sensors, two LiDARs and a VSLAM vision sensor to prevent collisions before they happen, and each carries three emergency stop buttons. The AI replans the route in milliseconds when something blocks the path.

NEXT STEP

Choose your S-series robot

Tell us what you move: the weight, how it is stored, the distances, aisle widths and how many shifts you run. We will recommend the model and come back with a configuration, a delivery estimate to your address and a formal quotation.

Request a quotation

Web

robotixmarket.com/products/keenon-s300-heavy-load-intelligent-delivery-robot

S100: scan its code for the product page.

Email · info@robotixmarket.com

Current prices for your market are on the product pages; configuration and delivery are confirmed with your quotation. Robotix Market ships worldwide.



S100



S300

Sourced new

Supplied through established distribution channels.

Manufacturer warranty

Every robot ships with the full KEENON manufacturer warranty and official documentation.

Support

Technical support is coordinated with the manufacturer's service network.

See them in action

S100: youtube.com/watch?v=KGtbV6l5aJQ · S300: youtube.com/watch?v=rbSBAt1Hlvk