



 SoftBank
Robotics

KEENBOT T5 / LASER

Specification sheet

Delivering cutting-edge solutions

With a rich heritage spanning 75 years, Gamble Foodservice Solutions is a market leader in the supply of globally renowned manufacturers offering innovative solutions to revolutionise the UK hospitality industry.

Gamble FS is trusted by our customers to bring to market the best solutions. With new technologies proving invaluable to drive productivity and efficiency, we have strategically partnered with world-leading brands to bring the best innovation to the UK.

KEENBOT T5/LASER

Inside the box

Specification sheet

Navigation system

Laser mapping system

Velocity

0.1 to 0.8 m/s

Compatible languages

Chinese, English, Japanese, Korean, Thai, Cantonese, German, French, Italian, Arabic, Vietnamese, Russian, Spanish, Portuguese, and other customisable languages

Tray dimensions

1-4 trays (adjustable)

Top tray: 490mm x 404mm x 185mm

Other trays: 490mm x 404mm x 168mm

Slope angle

≤ 5°

Included accessories

Charging cable x 1

Charging pile (optional)

Silicone tray mat x 4

Transportation box

Cushioning material for protection

Product manual x 1

Battery capacity

AC100-240V, 50/60 Hz

Control system

Touch screen and the Peanut App

Multi-robot collaboration

Maximum 5 robots

For more information

Get in touch:

<https://emea.softbankrobotics.com/>



Product Size (WxDxH)	506mm x 502mm x 1205mm
Product Weight	50kg
Number of Layers	4 trays
Load Capacity	40kg (10kg per layer)
Minimum Passage Width	80cm
Battery Life*	≥ 12 hours
Charging Time	6 hours
Operating System	Android (Interaction) Linux (Control)

* All battery claims depend on many other factors; results will vary. Battery life and charge cycles vary by use and settings.



Main features

- Touch screen
- Voice option
- 3D Camera (for obstacle detection)
- Stop button
- Display for robot expressions (20 + types)
- Trays x 4 (adjustable)
- 3D camera (to detect obstacles)
- Charging port and power button
- LIDAR sensor (detect obstacles using laser)

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Braking distance

47cm (maximum moving speed & fully loaded)

Multi point delivery

Up to 20 tables

Operating temperature, humidity

0 - 45°C, RH: 5% ~ 85%

Operating environment

Indoor environment, flat ground, no dust

Storage temperature

-30°C-60°C

Battery dismountable

No

Charging mode

Automatic charging with optional pile and manual charging by recharger

Charging pile dimensions

215 x 290 x 230 mm

Charging pile weight

2.2 kg

Sensing techniques

LIDAR

Stereo Vision

Image Module

Collision Sensor

IMU (Inertial Measurement Unit)

Sensor coverage

LIDAR detection range: 183°, ≥10M

Stereo vision range: 140°, 0.1-1.5m

Network

2.4G WIFI (2412-2472MHz)

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Accessories



Charging pile
(Optional)



Charger



Product Manual



Silicone pad
(x4)

Memory and internal storage

2G RAM + 16G ROM

Touch screen

7 inch (1024 x 600)

Robot colour

White



Robot material

- Polycarbonate (PC)
- Acrylonitrile butadiene styrene (ABS)



Battery Type

- Ternary lithium battery
- Approximately 5 years



Hazard information



Avoid using, recharging or leaving the machine in high temperatures



Do not carry out repair by yourself



Immediately stop using the machine if you notice anything unusual



Do not allow liquid, conductive foreign matter to enter inside or come into contact with the charging connectors or external connectors



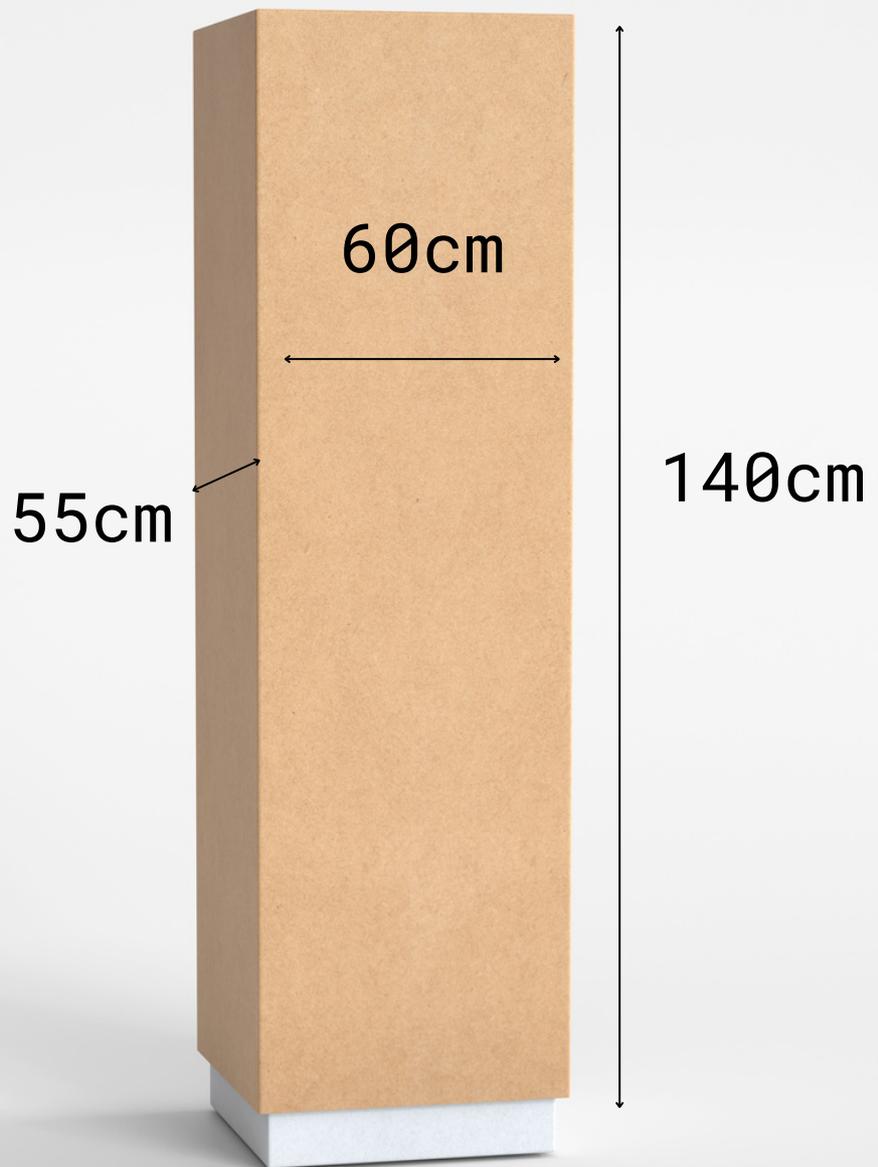
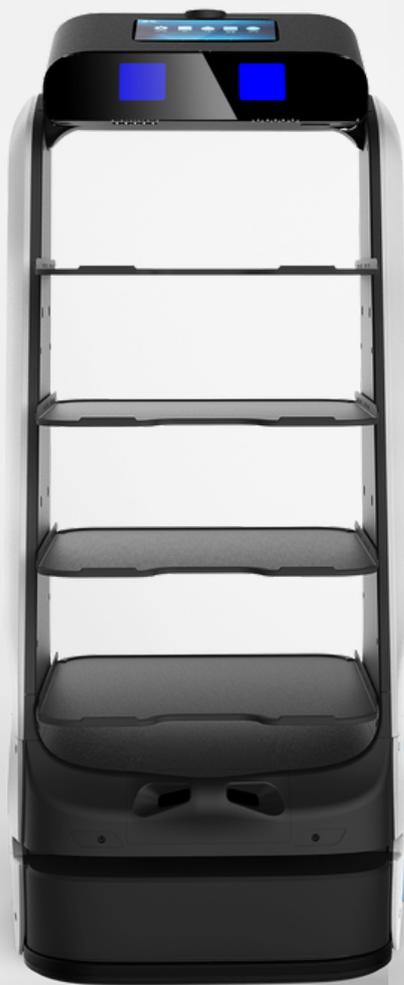
Use only the charger that came with the machine



Please read the machine manual for more information

KEENBOT T5/LASER

In the box



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Product size with box (WxDxH).....60cm x 55cm x140cm

Gross weight (Kg)65 kg

Net weight (Kg)55 kg



Get in touch to speak to our sales team



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