

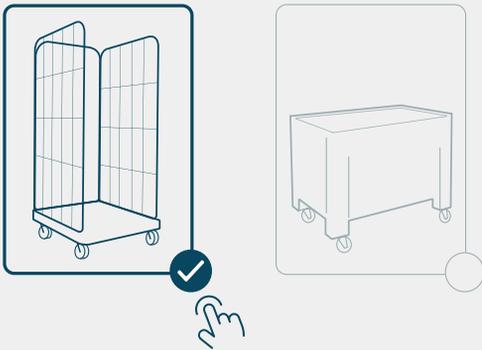
## Genius 2 | Maximize efficiency: Your intralogistics, automated.

Genius 2 is an award-winning autonomous robot that seamlessly integrates with existing infrastructure to automate intralogistical operations in logistics, manufacturing, and healthcare. The robot, comprising autonomous wheels, is designed to collaborate with people, freeing them from repetitive tasks, while boosting productivity.



### How does Genius 2 work?

- 1 Choose a use case and an object you want to move autonomously.



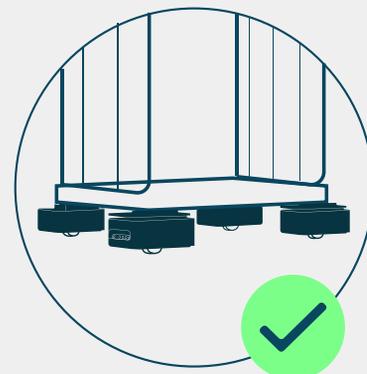
- 2 Mount the wheels to the object.



- 3 Configure your robot, map the area, and assign a mission in the wheel.me app.



- 4 Start your mission.



## Why Genius 2?



### Endless flexibility

Transform any object into an autonomous robot without infrastructural changes.



### Best value for money

Costs a third of other solutions in the market. No hefty upfront investments required.



### Simple setup

Genius 2 can be set up in a matter of days - attach the wheels to your existing object, register them in the software, map the area, set up a mission, and you're good to go.



### Safe and accurate obstacle detection

Genius 2 can safely navigate in dynamic environments and around people.



### Certified industrial safety

CE, SIL-2, Performance level D | ETL, FCC.

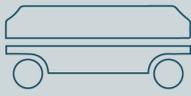
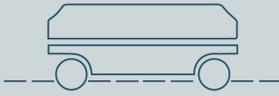


### Modular design

Genius 2 is designed to be modular and easy to maintain. You can easily swap out the battery, wheel, or entire robot, minimizing downtime.



# How does Genius 2 compare to other solutions?



Genius 2

AGV

AMR

**Investment cost**

Low

High

High

**Operating cost**

Low

High

Medium

**Simple setup and maintenance**

Yes

No

No

**Flexibility**

High

Low

Low

**Safe and dynamic obstacle detection**

High

Medium

High

**Autonomous and trackless navigation**

Yes

No

Yes



# Product specifications

## Q General information

Product description	Autonomous robotic wheels, available in sets of 4 or 8 wheels
Payload capacity (4 or 8 wheels)	400 – 800 kg   880 – 1760 lbs (with evenly distributed weight)
Drive system	Mecanum wheel with PU rollers
Movement	Omni-directional
Power system	Lithium-ion battery

## 📏 Dimensions

	Main wheel	Supporter wheel
Size (L x W x H)	293 x 269 x 134 mm 0.96 x 0.88 x 0.44 ft	293 x 186 x 134 mm 0.96 x 0.61 x 0.44 ft
Weight (excl. battery)	4.6 kg   11.1 lbs	3.9 kg   8.6 lbs

## (📷) Sensors

LiDAR	4 pcs/set
LiDAR FoV	2 x 360°
3D Camera	RealSense stereo depth (1 pc/set) Ultra wide-angle lens (1 pc/set)

## 📄 Certifications

European Economic Area United States	CE, SIL-2, Performance level D ETL, FCC
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