

CEIT
y ASSECO



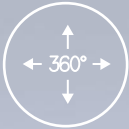
NEW **U1500AR**

Smart under-run AGV for advanced logistics
Powerful, safe & future-ready

NEW U1500AR

The AGV delivers high performance with a 1,500 kg load capacity and speeds of up to 2.0 m/s. Its **ultra-low design enables smooth under-run operation** beneath pallets, optimizing logistics without requiring major layout changes.

Advanced 360° safety sensors, complemented by optional 2D/3D vision, ensure reliable operation. Wireless charging, lithium batteries, and 5G readiness make the **U1500AR a truly future-ready solution for smart intralogistics.**



Control

Manual control - touchscreen
Universal remote control (URC)

Universal use

Wide compatibility thanks to the VDA 5050 standard

Construction

Ultra-low under-run design
Robust construction
High durability
Stable movement thanks to offset wheels

Safety

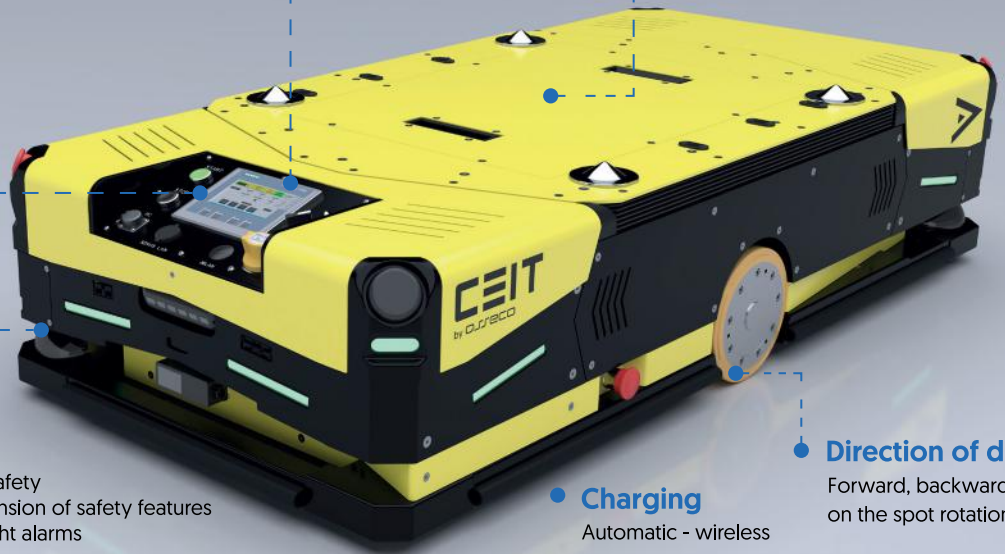
360-degree safety
Optional extension of safety features
Sound and light alarms
Safety bumper
Emergency stop button

Charging

Automatic - wireless

Direction of drive

Forward, backward,
on the spot rotation



Lifting mechanism

ELECTRIC
LIFTING HEIGHT UP TO 130 MM

Navigation

CONTOUR
MAGNETIC TAPE

Safety

SICK 360°
OPTIONAL 2D SCANNER AND 3D CAMERA

Max speed

2.0 M/S

Rated load

1,500 KG

Charging

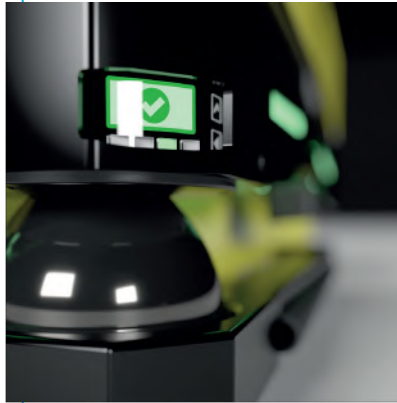
AUTOMATIC - WIRELESS

Easy integration



In manufacturing plants, the AGV U1500AR ensures smooth and efficient transport of heavy pallets and material carriers. Its compact under-run design enables **seamless integration into production lines**, supporting continuous operations and reducing downtime.

Precise and universal



In logistics and distribution centers, the U1500AR is perfect for handling palletized loads up to 1500 kg. With speeds of up to 2.0 m/s and 360° safety protection, it enables **fast, safe, and precise movement in high-throughput environments**.

Wide range of applications



In the retail sector, the AGV U1500AR supports **automated warehouse replenishment and goods transport**. Its wireless charging and non-stop operation make it a reliable solution for streamlining workflows, reducing manual handling, and optimizing overall efficiency.



Integration with Twision & VDA 5050

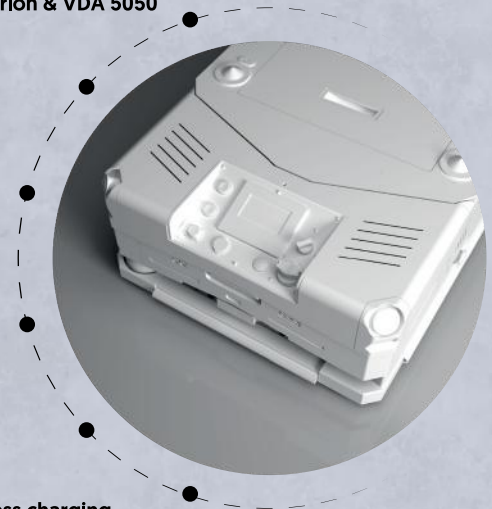
Ultra-low under-run design

High load capacity

Fast operation

360° safety protection

Automatic wireless charging



U1500AR

SPECIFICATION

Type	Under-run with raisable table
Navigation	Contour, magnetic tape
Direction of drive	Forward, backward, on the spot rotation
Minimal turning radius (m)	0.8
Max speed (m/s)	2.0
Load capacity (kg)	1,500
Lift	Electric
Max lift (mm)	130
Dimensions [L, W, H in mm]	1420x690x324
Batteries	Lithium
Charging	Automatic - wireless
Control	Manual control - touchscreen, Universal remote control (URC)
Safety scanners	SICK 360°, optional 2D scanner and 3D camera

Twiserion Fleet Manager

Asseco CEIT AGVs are controlled by their own monitor & control system **with VDA 5050 standard** for guiding and monitoring logistics equipment in real time.

Twiserion Fleet Manager provides comprehensive fleet management, as well as the fleet's real-time monitoring and display of the current status and the performed request. Thanks to the collected statistical data, the customer can easily identify problem areas and focus on their optimization. **The software is also suitable for various AGV manufacturers thanks to VDA 5050 compatibility.**



asseco-ceit.com

E-mail: sales@asseco-ceit.com

