

**CEIT**  
by GSECO



# NEW U3200AX

**Ideal for Battery manufacturing and heavy components transport**

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Revolutionary omnidirectional AGV with customisable lift capabilities up to 500mm and advanced safety integration for demanding industrial applications. **Ideal for Battery manufacturing and heavy components transport.**

**The U3200 series delivers exceptional load capacity up to 3,200 kg with omnidirectional movement capabilities.** Designed for seamless integration into automated production lines and robotic workstations, this under-run AGV provides precision positioning within 10mm accuracy whilst maintaining full 360° safety protection.



## Control

Manual control - touchscreen  
Universal remote control (URC)

## Universal use

Wide compatibility thanks to the VDA 5050 standard

## Construction

Robust construction enables transport of heavy battery assemblies, automotive components, and oversized materials with exceptional stability.

## 360° Safety Protection

Comprehensive SICK laser scanner configuration with optional 2D/3D vision systems ensures safe operation in mixed human-robot environments.

## Direction of drive

Forward, backward, on the spot rotation

## Charging

Automatic - wireless



## Lifting mechanism

HYDRAULIC  
LIFTING HEIGHT UP TO 500 MM

## Navigation

CONTOUR

## Safety

SICK 2x 270°  
OPTIONAL 2D SCANNER AND 3D CAMERA

## Max speed

1.5 M/S

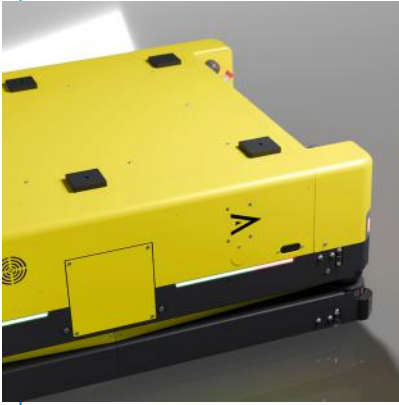
## Rated load

3,200 KG

## Charging

AUTOMATIC - WIRELESS/CONTACT

## High Load Capacity



**U3200AX/OX:** Fixed platform variants supporting up to **3,200 kg for continuous material transport**.  
**U3200AR/OR:** Hydraulic lift variants with up to **500 mm lift height and 3,000 kg capacity**, designed for automated assembly and robotic workstation integration.

## Safety-First Integration



Advanced wireless safety communication ensures secure interaction with production lines and robotic systems. Certified 360° safety position detection **prevents dangerous access of people into the assembly line** whilst securing operational continuity.

## Omnidirectional Movement



Revolutionary drive technology delivers **precise on-the-spot rotation and full omnidirectional movement**, with a 0.9 m turning radius for efficient operation in space-constrained environments. for improved manoeuvrability and floor space utilisation.



### Integration with Twiserion & VDA 5050

Max.load capacity 3200 kg

Lifting height 500 mm

Maximum speed 1.5 m/s

360° safety protection

Turning radius 0.9m

Automatic wireless charging

CE certified



# U3200AX

## SPECIFICATION

	AX	OX	AR	OR
Type (Under-run)	Fixed platform	Fixed platform	Raisable table	Raisable table
Navigation	Contour			
Direction of drive	Forward, backward, on the spot rotation	Omnidirectional, on the spot rotation	Forward, backward, on the spot rotation	Omnidirectional, on the spot rotation
Minimal turning radius [m]:	0.9			
Max speed [m/s]:	1.5			
Load capacity [kg]:	3,200	3,200	3,000	3,000
Lift	-	-	Hydraulic	Hydraulic
Max lift [mm]	-	-	500	500
Dimensions [L, W, H in mm]	1700x1300x600			
Batteries	Lithium			
Charging	Automatic - wireless/contact			
Control	Manual control - touchscreen, Universal remote control [URC]			
Safety scanners:	SICK 2x 270°, 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.**



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