

AGV PRODUCTS

One-stop shop for all logistics needs



Under-run AGVs


Under-run AGVs are specialists in low-profile towing of carts. They supply production lines quickly and efficiently without any human intervention.

U800AR
U1000AR



LOAD CAPACITY (KG) 800
DIRECTION OF DRIVE Forward, backward, on the spot rotation
MAX LIFT (MM) 60
MIN. TURNING RADIUS (M) 0.5
NAVIGATION 2D code
SAFETY Traffic control, Lidar obstacle avoidance
CHARGING Automatic - contact
DIMENSIONS (L, W, H IN MM) 980x680x245

U1000AX
U1000AR



LOAD CAPACITY (KG) 1,000
DIRECTION OF DRIVE Forward, backward, on the spot rotation
MAX LIFT (MM) 50*
MIN. TURNING RADIUS (M) 0.7
NAVIGATION Contour/magnetic tape
SAFETY Sick 2x 180°, optional 2D scanner and 3D camera
CHARGING Automatic - Wireless/contact
DIMENSIONS (L, W, H IN MM) 1,214x914x300

U1200AX
U1200AR



LOAD CAPACITY (KG) 1,200
DIRECTION OF DRIVE Forward, backward, on the spot rotation
MAX LIFT (MM) 130*
MIN. TURNING RADIUS (M) 0.7
NAVIGATION Contour/magnetic tape
SAFETY Sick 2x 270°, optional 2D scanner and 3D camera
CHARGING Automatic - Wireless/contact
DIMENSIONS (L, W, H IN MM) 1,252x688x361

U1300FXN



LOAD CAPACITY (KG) 1,300
DIRECTION OF DRIVE Forward, optional reversing module
MAX LIFT (MM) 1.3
MIN. TURNING RADIUS (M) 0.8
NAVIGATION Contour/magnetic tape
SAFETY Sick 180°, optional 2D scanner and 3D camera
CHARGING Automatic - contact
DIMENSIONS (L, W, H IN MM) 1,552x642x462

U1500OXN
U1500ORN
U1500OXW
U1500ORW



LOAD CAPACITY (KG) 1,500
DIRECTION OF DRIVE Omnidirectional, on the spot rotation
MAX LIFT (MM) 130*
MIN. TURNING RADIUS (M) 0.8
NAVIGATION Contour
SAFETY Sick 2x 270°, optional 2D scanner and 3D camera
CHARGING Automatic - wireless/contact
DIMENSIONS (L, W, H IN MM) 1,487x752x305/1,487x912x305**

U2000FX



LOAD CAPACITY (KG) 2,000
DIRECTION OF DRIVE Forward, optional reversing module
MAX LIFT (MM) 1.6
MIN. TURNING RADIUS (M) 1.5
NAVIGATION Contour/magnetic tape
SAFETY Sick 180°, optional 2D scanner and 3D camera
CHARGING Automatic - contact
DIMENSIONS (L, W, H IN MM) 1,995x853x379

U3000BX



LOAD CAPACITY (KG) 3,000
DIRECTION OF DRIVE Forward, backward
MAX LIFT (MM) 1.5
MIN. TURNING RADIUS (M) 1.5
NAVIGATION Contour/magnetic tape
SAFETY Sick 2x 180°, optional 2D scanner and 3D camera
CHARGING Automatic - contact
DIMENSIONS (L, W, H IN MM) 2,704x864x460

U3200AX
U3200AR
U3200OX
U3200OR




LOAD CAPACITY (KG) 3,200
DIRECTION OF DRIVE Omnidirectional, on the spot rotation*/forward, backward, on the spot rotation
MAX LIFT (MM) 500**
MIN. TURNING RADIUS (M) 0.9
NAVIGATION Contour
SAFETY Sick 2x 270°, optional 2D scanner and 3D camera
CHARGING Automatic - wireless/contact
DIMENSIONS (L, W, H IN MM) 1,700x1,300x600

Forklift AGVs


Forklift AGVs safely handle pallets, containers, and racks. They automate loading and unloading processes without downtime.

F1000AP



LOAD CAPACITY (KG) 1,000
DIRECTION OF DRIVE Forward, backward, on the spot rotation
MAX LIFT (MM) 330
MIN. TURNING RADIUS (M) 1.9
NAVIGATION Hybrid navigation (DM Code, SLAM), obstacle avoidance detection
SAFETY Sick 360°
CHARGING Automatic - contact
DIMENSIONS (L, W, H IN MM) 1,312x1,060x170

F1000AC




LOAD CAPACITY (KG) 1,000
DIRECTION OF DRIVE Forward, backward, on the spot rotation
MAX LIFT (MM) 1,800
MIN. TURNING RADIUS (M) Depending on the pallet
NAVIGATION Contour
SAFETY Sick 360°
CHARGING Automatic - wireless/contact
DIMENSIONS (L, W, H IN MM) 2,600x903x2,130

F1500AC3
F1500AC4



LOAD CAPACITY (KG) 1,500
DIRECTION OF DRIVE Forward, backward, on the spot rotation
MAX LIFT (MM) 3,000/4,000*
MIN. TURNING RADIUS (M) Depending on the pallet
NAVIGATION Contour
SAFETY Sick 360°
CHARGING Automatic - wireless/contact
DIMENSIONS (L, W, H IN MM) 3,645x1,220x3,254

F1500AS
F1500AE



LOAD CAPACITY (KG) 1,500
DIRECTION OF DRIVE Forward, backward, on the spot rotation
MAX LIFT (MM) 1,500
MIN. TURNING RADIUS (M) Depending on the pallet
NAVIGATION Contour
SAFETY Sick 360°
CHARGING Automatic - wireless/contact
DIMENSIONS (L, W, H IN MM) 1,800x2,200x1,500*

Tugger AGVs

Tugger AGVs are powerhouses designed to tow multiple carts at once. They automate transport between production and warehouse zones.

T1300FL



LOAD CAPACITY (KG) 1,300
DIRECTION OF DRIVE Forward
MIN. TURNING RADIUS (M) 1.1
NAVIGATION Contour/magnetic tape
SAFETY Sick 180°, optional 2D scanner and 3D camera
CHARGING Automatic - contact
DIMENSIONS (L, W, H IN MM) 1,175x646x1,115

T1300F



LOAD CAPACITY (KG) 1,300
DIRECTION OF DRIVE Forward
MIN. TURNING RADIUS (M) 1.1
NAVIGATION Contour/magnetic tape
SAFETY Sick 180°, optional 2D scanner and 3D camera
CHARGING Automatic - contact
DIMENSIONS (L, W, H IN MM) 1,426x844x1,207

T3000F



LOAD CAPACITY (KG) 3,000
DIRECTION OF DRIVE Forward
MIN. TURNING RADIUS (M) 1.1
NAVIGATION Contour/magnetic tape
SAFETY Sick 180°, optional 2D scanner and 3D camera
CHARGING Automatic - contact
DIMENSIONS (L, W, H IN MM) 1,426x844x1,207

T6000F



LOAD CAPACITY (KG) 6,000
DIRECTION OF DRIVE Forward
MIN. TURNING RADIUS (M) 1.8
NAVIGATION Contour/magnetic tape
SAFETY Sick 180°, optional 2D scanner and 3D camera
CHARGING Automatic - contact
DIMENSIONS (L, W, H IN MM) 1,780x844x1,267



- VDA 5050 COMPATIBLE
- 24/7 OPERATION
- EASY INTEGRATION INTO PRODUCTION
- ERROR ELIMINATION AND DAMAGE CLAIMS
- CE CERTIFIED
- 5G TECHNOLOGY
- QUICK ROI
- REDUCING OR RE-DIRECTING MANPOWER
- ATTRACTIVE AFTER-SALES SERVICE

Asseco CEIT brings to customers a complete fleet of automated mobile robots, the so-called AGVs, with a high degree of customization, scalability and flexibility in logistics and production processes. AGVs from Asseco CEIT are compatible and easily integrated tools not only for internal logistics, but also for complete production lines. To ensure a higher degree of automation, we use our forklift, under-run and tugger AGVs.

Asseco CEIT AGVs are the epitome of 20 years of history, tradition and experience with large automotive players as well as small family businesses.












Asseco CEIT AGVs

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.



Under-run AGVs

																
Name	U800AR	U1000AX	U1000AR	U1200AX	U1200AR	U1300FXN	U1500OXN	U1500OXW	U1500ORN	U1500ORW	U2000FX	U3000BX	U3200AX	U3200OX	U1500AR	U1500OR
Type	Raisable table	Fixed platform	Raisable table	Fixed platform	Raisable table	Fixed platform	Fixed platform	Fixed platform	Raisable table	Raisable table	Fixed platform	Fixed platform	Fixed platform	Fixed platform	Raisable table	Raisable table
Load capacity (kg)	800	1,000		1,200		1,300	1,500				2,000	3,000	3,200	3,200	3,000	3,000
Lift	Electric	-	Electric	-	Hydraulic	-	-	-	Electric	Electric	-	-	-	-	Hydraulic	Hydraulic
Max lift (mm)	60	-	50	-	130	-	-	-	130	130	-	-	-	-	500	500
Max speed (m/s)	2.2	1.3		1.3		1.0	1.6				1.0	1.0	1.5			
Movement	Forward, backward, on the spot rotation	Forward, backward, on the spot rotation		Forward, backward, on the spot rotation		Forward, optional reverse module	Omnidirectional, on the spot rotation				Forward, optional reverse module	Forward, backward	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)	0.5	0.7		0.7		1.3	0.8				1.6	1.5	0.9			
Navigation	2D code	Contour/magnetic tape		Contour/magnetic tape		Contour/magnetic tape	Contour				Contour/magnetic tape	Contour/magnetic tape	Contour			
Safety	Traffic control, Lidar obstacle avoidance	SICK 2x 180°, optional 2D scanner and 3D camera		SICK 2x 270°, optional 2D scanner and 3D camera		SICK 180°, optional 2D scanner and 3D camera	SICK 2x 270°, optional 2D scanner and 3D camera				SICK 180°, optional 2D scanner and 3D camera	SICK 2x 180°, optional 2D scanner and 3D camera	SICK 2x 270°, optional 2D scanner and 3D camera			
Charging	Automatic - contact	Automatic - wireless/contact	Automatic - contact	Automatic - wireless/contact		Automatic - contact	Automatic - wireless/contact				Automatic - contact	Automatic - contact	Automatic - wireless/contact			
Batteries	Lithium	Lithium		Lithium		Traction gel	Lithium				Traction gel	Traction gel	Lithium			
Control	Manual control	Button shortcuts, Universal remote control (URC)		Manual control - touchscreen, Universal remote control (URC)		Manual control - touchscreen, Universal remote control (URC)	Manual control - touchscreen, Universal remote control (URC)				Manual control - touchscreen, Universal remote control (URC)	Manual control - touchscreen, Universal remote control (URC)	Manual control - touchscreen, Universal remote control (URC)			
Dimensions (L, W, H in mm)	960x680x245	1,214x914x300		1,252x688x361		1,552x642x462	1,487x752x305	1,487x912x305	1,487x752x305	1,487x912x305	1,995x853x379	2,704x864x460	1,700x1,300x600			

Forklift AGVs

Tugger AGVs

											
Name	F1000AP	F1000AC	F1500AC3	F1500AC4	F1500AS	F1500AE	Name	T1300FL	T1300F	T3000F	T6000F
Type	Stradle low lift	Forklift with counterbalance	Forklift with counterbalance		Fork support	Extended fork support	Type	Tugger	Tugger	Tugger	Tugger
Load capacity (kg)	1,000	1,000	1,500		1,500		Load capacity (kg)	1,300	1,300	3,000	6,000
Lift	Electric	Hydraulic	Hydraulic	Hydraulic	Hydraulic		Lift	-	-	-	-
Max lift (mm)	330	1,800	3,000	4,000	1,500		Max lift (mm)	-	-	-	-
Max speed (m/s)	1.5	1.6	2.0		2.0		Max speed (m/s)	1.3	2.0	1.0	1.0
Movement	Forward, backward, on the spot rotation	Forward, backward, on the spot rotation	Forward, backward, on the spot rotation		Forward, backward, on the spot rotation		Movement	Forward	Forward	Forward	Forward
Minimal turning radius (m)	1.9	Depending on the pallet	Depending on the pallet		Depending on the pallet		Minimal turning radius (m)	1.1	1.1	1.1	1.8
Navigation	Hybrid navigation, obstacle avoidance detection	Contour	Contour		Contour		Navigation	Contour/ magnetic tape	Contour/ magnetic tape	Contour/ magnetic tape	Contour/ magnetic tape
Safety	SICK 360°	SICK 360°	SICK 360°		SICK 360°		Safety	SICK 180°, optional 2D scanner and 3D camera	SICK 180°, optional 2D scanner and 3D camera	SICK 180°, optional 2D scanner and 3D camera	SICK 180°, optional 2D scanner and 3D camera
Charging	Automatic - contact	Automatic - wireless/contact	Automatic - wireless/contact		Automatic - wireless/contact		Charging	Automatic - contact	Automatic - contact	Automatic - contact	Automatic - contact
Batteries	Lithium	Lithium	Lithium		Lithium		Batteries	Traction gel	Traction gel	Traction gel	Traction gel
Control	Universal remote control (URC)	Manual control - touchscreen, Universal remote control (URC)	Manual control - touchscreen, Universal remote control (URC)		Manual control - touchscreen, Universal remote control (URC)		Control	Manual control - touchscreen, Universal remote control (URC)	Manual control - touchscreen, Universal remote control (URC)	Manual control - touchscreen, Universal remote control (URC)	Manual control - touchscreen, Universal remote control (URC)
Dimensions (L, W, H in mm)	1,312x1,060x170	2,600x903x2,130	3,645x1,220x3,254		2,391x900x2,489		Dimensions (L, W, H in mm)	1,175x646x1,115	1,426x844x1,207	1,426x844x1,207	1,780x844x1,267





**Future
accelerated**



asseco-ceit.com

E-mail: sales@asseco-ceit.com