This Automatic Guided Vehicle (AGV) of Grenzebach fulfills the tasks of a forklift – without a driver, yet safe for working environments, and with reliable navigation.

Forkover for lifting the pallet from the open side (for example, Euro-pallets) and from the floor, the supports are located directly under the fork.

- Compact frame (min. aisle width < 2.8 m)
- Standard vertical drive / steering unit
- Easy maintenance access

**AGV dimensions (approx.)**
1,992 mm (L) x 942 mm (W) x 2,636 mm (H)

**Payload**
Up to 1,200 kg at 600 mm in fork *

**Speed (empty)**
0.02 – 1.5 m/sec

**Speed (loaded)**
Up to 1.5 m/sec

**Turning radius**
Stationary Point, optimal radius R = 1.4 m

**Navigation**
Optical, Induction, Laser

**Travel**
Forward and reverse

**Stopping accuracy**
Down to ± 10 mm

**Lifting range**
Up to 1,200 mm – 3,000 mm *

**Lifting method**
Hydraulic, Electric

**Brake**
Electromagnetic – Spring Applied/Electric Release

**Operating voltage**
24 VDC

**Battery type**
Enersys 24 V XFC 246

**Battery charging**
Battery Swap, Opportunity Charging

**Safety**
Programmable Laser Scanner – Front & Rear

**Additional safety**
Side Bumper + Fork Sensor

**Operating time**
24 hours, 7 days

**Overall weight**
1,500 kg

* Possibility to have more with customized AGV.