

REVO-GT™

Automatic guided vehicle for transit applications

The REVO-GT ride system is an autonomous shuttle (or driverless minibus) capable of transporting up to 24 passengers on passenger-selected routes. It is battery-powered and can operate outdoors in varying degrees of inclement weather with zero emissions. Its interior is climate controlled and can maintain a comfortable environment for its passengers, even in extreme ambient conditions.



In partnership with **2get³there**

FEATURES

Safe and efficient traffic management

Only trackless, driverless group transit system proven in real-world applications

Efficient, quiet and comfortable transport

REVO-GT™

Automatic guided vehicles for transit applications

The REVO-GT utilizes proven technologies to offer safe, efficient, zero-emissions transportation without the labor burdens of driver-based systems. Using centralized navigation, traffic management, and monitoring technologies to safely and

efficiently direct the routing, speed and interaction of all vehicles in the fleet, REVO-GT provides amazingly high levels of comfort and convenience at very low operating costs.

Vehicle Specs

| | |
|---------------------------------|---|
| Standard configuration | 8 seats + 16 standees |
| Maximum seating configuration | 12 seats + 6 standees |
| Minimum headway applied | 10 seconds |
| Theoretical capacity (per lane) | 8,640 passengers per hour per direction |
| Track utilization rate | 80% |
| Typical average occupancy | 16 passengers |
| Typical capacity (per lane) | 4,608 passengers per hour per direction |
| Length | 19.69 ft / 6,000 mm |
| Width | 6.89 ft / 2,100 mm |
| Height | 9.19 ft / 2,800 mm |
| Floor level | 1.35 ft / 412 mm |
| Wheelchair accommodation | In between seats |
| Luggage accommodation | In between seats |
| Height passenger compartment | >6.56 ft / 2,000 mm |

Battery Specs

| | |
|-------------|--|
| Type | Li-ion nano NMC |
| Capacity | 2x 46 Ah @ 400 Vdc |
| Weight | 2x 452 lb / 205 kg, including container and BMS system |
| Performance | 2x 18.4 kW.h |

| | |
|---|--|
| Wheel base | 12.14 ft / 3,700 mm |
| Wheel track | 5.18 ft / 1,580 mm |
| Vehicle weight | 9,920.80 lb / 4,500 kg |
| Payload | 4,228.47 lb / 1,918 kg |
| Maximum weight | 14,149.27 lb / 6,418 kg |
| Maximum (cruising) speed | 37.28 mph / 60 km/h |
| Maximum speed at 10% gradient | 7.78 mph / 12.5 km/h |
| Maximum acceleration for comfort (flat) | 2.62 ft/s ² / 0.8 m/s ² |
| Maximum acceleration gradient (10%) | 0.82 ft/s ² / 0.25 m/s ² |
| Deceleration, normal stop | 5.25 ft/s ² / 1.6 m/s ² |
| Deceleration, emergency stop | 10.5 ft/s ² / 3.2 m/s ² |
| Turning circle diameter (outside walls) | 49.21 ft / 15 m |
| Maximum gradient | 10% |
| Advised gradient | 6% or less |

| | |
|----------------------|---|
| Operating conditions | 5° F up to 131° F / -15° C up to 55° C |
| Driving range | > 31.07 mi / 50 km in normal operational conditions |
| Charging range | From 20 - 100% de(charging) |
| Charging time | 10 minutes (from 30% to 80%) |

- For more information: oceaneering.com/OES

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