



Mobile robot load towing indoor

EZS 350a

Towing capacity: 5000 kg

The mobile robot for efficient load towing.

Flexible automation of tow trains in the warehouse and production.

In production supply or for linking warehouse areas over longer distances, our versatile and robust EZS 350a automated tow tractors are ideal for efficiently towing loads with a weight of up to 5,000 kg in tow trains.

The mobile robot reliably and safely handles routine tasks, impressing with precise navigation technology and comprehensive safety systems.

As well as having the option to use the EZS 350a in manual and automated mode, the wide selection of couplings are compatible with multiple applications. Personnel and machine protection scanners ensure safety, while the intuitive touch panel enables user-friendly operation.



No worries. No compromise

With the Jungheinrich Li-ion Guarantee Plus, we give you a long-term performance promise of up to 5 years on our high quality lithium-ion batteries, so you can completely concentrate on your tasks without worrying.

Warranty conditions

* In accordance with our warranty terms - see website for details.

All benefits at a glance

- Tow tractor for the automation of tow trains in indoor applications.
- Dual-use capability for maximum flexibility in operation.
- Contour-based navigation for efficient automated processes.
- Seamless integration into VDA 5050 fleets.
- Comprehensive safety systems for maximum protection.

Your automated Jungheinrich tow tractor.

For maximum customer benefits.



Efficiency

Maximum performance with the most efficient automation solution.

Continuous availability, high efficiency and outstanding performance: The EZS 350a automated tow tractor, operating on the milk run principle, maximises the flexibility of your production supply and thus increases your operational efficiency in the long term.

Flexible operation

- Dual-use capability for maximum flexibility in operation.
- Intuitive industrial PC with integrated touch screen for user-friendly operation.
- For combined applications in mixed operation, full manual operation can be selected.

Maximum availability

- High-performance lithium-ion battery with automatic booster charging.
- A warranty period of up to 8 years on the battery for greater investment security.

Sustainable energy management

- Independent travel to automatic charging stations when the battery charge level is low.
- Set minimum and maximum values for the battery charge level to optimise battery life and energy efficiency.
- Predefined charging times during breaks or shifts.



Safety

Best conditions for safe working.

Thanks to a state-of-the-art safety sensor system, the EZS 350a mobile robot reliably detects obstacles in its path and ensures a safe journey even at high speeds.

Intelligent safety systems

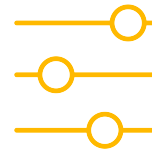
- 2D safety laser and optional 3D machine protection scanner.
- Predictive scanning of obstacles when cornering.
- Emergency stop button on the truck.

Contour-based navigation

- Using a high-resolution LIDAR sensor, the EZS 350a generates a digital navigation map from the natural contours of the environment.
- Real-time updates of the digital map for safe navigation, even in changing environments.
- Navigation without artificial landmarks eliminates the need for structural modifications to the warehouse.

Reliable human/machine collaboration

- Visual display provides a quick overview of the most important truck data and current transport orders.
- Clear status displays minimise the need for manual intervention.



Individuality

A forklift truck as individual as your business.

With our efficient tow train system consisting of high-quality tow tractors in combination with Jungheinrich trailers you move to a new level of logistics.

Optimum ergonomics

- Comfortable entry and exit thanks to low operator platform.
- Three alternative travel programs can be set to suit every specific need.
- Fast and easy trailer coupling and decoupling with semi-automatic remote release from operator platform (optional).

Additional features

- Different couplings.
- Reversing/inching control for comfortable coupling and decoupling.