



Electric tow tractor

EZS 350

Towing capacity: 5000 kg



The mobile robot

for efficient towing of loads.

Flexible automation of tow trains in the warehouse and in production.

Whether in production supply or for linking storage areas over greater distances: Our versatile and robust EZS 350a automatic tow tractors are ideally suited to efficiently towing loads in tow trains with a weight of up to 5,000 kg.

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

In addition to the option of using the EZS 350a in manual and automated operation, a wide selection of couplings offers high flexibility in application. Personnel and machine protection scanners ensure safety, while the intuitive touch panel enables user-friendly operation.



No worries. No compromise.

The Jungheinrich Li-ion Guarantee Plus provides you with a long-term performance promise of up to 8 years on our high-quality lithium-ion batteries. We are certain that the high performance and long service life of our lithium-ion technology will convince you. This is why we guarantee that you can easily and quickly switch back to your original technology at any time within 6 months of delivery.

Warranty conditions

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

All benefits at a glance

- Tow tractors for the automation of tow trains in indoor applications.
- Dual-use capability for maximum flexibility in use.
- Contour-based navigation for efficient automated processes.
- Seamless integration into VDA 5050-controlled 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 optimum performance: Based on the milk run principle, the EZS 350a automatic tow tractor brings maximum flexibility to your production supply, thereby increasing your operational efficiency over the long term.

Flexible operation

- Dual-use capability for maximum flexibility in use.
- Industrial PC with integrated touch screen for intuitive, user-friendly operation.
- For combined use in mixed operation; fully manual operation is also possible.

Maximum availability

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

Sustainable energy management

- Autonomous travel to automatic charging stations when the battery level is low.
- Setting minimum and maximum values for the battery charge level for the optimisation of battery life and energy efficiency.
- Pre-defined break or shift charging times.



Safety

Best conditions for safe working.

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

Intelligent safety systems

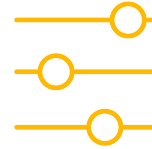
- 2D safety laser and optional 3D machine protection scanner.
- Spatially predictive scanning for obstacles when cornering.
- Emergency disconnect on the truck.

Contour-based navigation

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

Safe man / machine collaboration

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



Individuality

A mobile robot as individual as your business.

Make your warehouse fit for the future with the EZS 350a: this sophisticated production truck navigates with precision and stability even in dynamic environments.

Established standard truck used as base

- Benefit from the standard controls of the base vehicle for easy manual operation.
- Versatile solutions, adapted to your load or trailer.
- Various couplings available. Also suitable for automatic decoupling.

Wide range of applications

- Thanks to the VDA 5050 standard, it can be used as a stand-alone solution or integrated into existing fleets.
- Wide selection of couplings from drawbar couplings to automated couplings for maximum flexibility.

Overview

The right solution for your applications:

Name	Rated drawbar pull	Travel speed unladen
EZS 350 L Std	1000 N	12.5 km/h
EZS 350 L Comfort	1000 N	12.5 km/h
EZS 350 XL Std	1000 N	12.5 km/h
EZS 350 XL Comfort	1000 N	12.5 km/h

The German production facilities in
Norderstedt, Moosburg and Landsberg are
certified as well as our Genuine Parts
Center in Kaltenkirchen.

ISO 9001
ISO 14001

Jungheinrich fork lift trucks meet European
safety requirements.



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