

Versatile intralogistics workhorse – the new electric tow tractor EZS 350

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- **Energy-efficient EZS 350 electric tow tractor from Jungheinrich, with a capacity of up to 5 tonnes**
- **Robust, award-winning design has ergonomic fittings for convenient operation and highest safety standards**
- **"2Shifts1Charge" warranty for XL standard batteries or, optionally, Li-ion technology with extremely fast charging times**
- **Highest performance and lowest energy consumption of all tow tractors currently on the market**
- **Economical tow train solution in combination with Jungheinrich trailers**

Jungheinrich has just market-launched its new high-performance tow tractor - the EZS 350, including an XL version with expanded battery space for trailer loads of up to 5 tonnes. This robust, versatile and extremely economical vehicle is based on the striking new design of the ECE horizontal order pickers, fitted with LED lights and reflectors. Equipped with a high-performance, energy-efficient 2.8 kW three-phase AC motor, the tow tractor achieves speeds of up to 8 km/h when carrying a load and 12.5 km/h without any load, with optimised acceleration values. Regenerative braking feeds the braking energy back into the battery, thus extending the operating time. "Compared with other tractors on the market, the EZS 350 achieves the highest performance and lowest energy consumption," explains Oliver Rosenthal, Jungheinrich product manager for tow tractors and tow trains, adding: "A variety of battery options allow the vehicle to be ideally tailored to fit any application and individually required operating time without needing to change the battery."

Jungheinrich also offers an XL version of the EZS 350, featuring a 24V lead-acid battery including the "2Shifts1Charge" guarantee that the battery charge will last for two full shifts without needing to be recharged. The tow tractor can optionally be equipped with lithium-ion technology for extremely short charging times, permitting 24-hour, three-shift operation without a battery change. The battery is already charged to 50 percent capacity after 30 minutes and 100 percent after 80 minutes. Apart from high vehicle availability, the operator benefits from the battery's maintenance-free operation and longer life.

Along with enhancing the energy efficiency, Jungheinrich also paid great attention to the factor of robustness. Thanks to an extra high front chassis apron and a cushioned transmission hood, both made of high-grade steel, the EZS 350 is suitable for the toughest applications.

The Red Dot Award-winning, multifunctional jetPILOT steering wheel provides for car-like steering and ergonomic operation. Thanks to a larger adjustment range, the steering wheel can now be set even at an even lower height, making it ideal for short people as well. The steering angle-dependent curveCONTROL assistance system and improved centre of gravity make for stable and reliable steering even in difficult situations or when cornering. The low stand-on platform makes it easy to mount and dismount from the generous-sized, ergonomic workplace. For even greater comfort, the EZS 350 can optionally be fitted with a cushioned stand-on platform, plus a height-adjustable backrest with optimised upper part for safe gripping when driving in reverse as well as a folding seat. For tall operators, a comfort stand-on platform is also available.

The EZS 350 also offers additional functions to support its use as a transport vehicle in internal tow train applications. For example, the Jungheinrich GTE and GTP trailers can be directly controlled using the lifting and lowering rocker integrated into the jetPILOT steering wheel. The current lifting or lowering status is directly displayed on the new 2-inch display, giving the operator a perfect overview of the status of his trailers. And the display also provides the operator with information on the battery charge, the number of hours of operation, the travel speed, error codes and a choice of three different driving programmes. To protect against unauthorised use, the vehicle can optionally be fitted with the EasyAccess system, which allows it to be started solely through the use of Softkey, a PIN code or a transponder card.

Additional safety options include the integrated DayLED lighting system from Jungheinrich, designed to make the vehicle more visible in dimly lit halls as well as the Floor Spot system, which projects a red dot approximately three metres in front of the tow tractor, thus substantially reducing the danger of collisions in situations with restricted lines of vision.

"Sophisticated ergonomics and technology in the form of our EZS 350 tow tractor guarantee safe and convenient intralogistics operations with a high degree of economy and energy efficiency," remarks Matthias Maurin, team leader for Warehouse Product Sales & Price Management at Jungheinrich.

Source: Jungheinrich

Jungheinrich EZS 350 On LECTURA Specs