

ES3000 Battery Locomotive

Express Service developed the first ES series locomotive back in 2005. This was based on our **160-years history** of being a reliable locomotive factory. Nowadays we manufacture 2 types of battery shunters. These are our **most successful products**. We are totally committed to **decarbonization and efficiency** of depots and industrial railway sidings.



ES3000 is our best-selling model. It is a heavy and robust shunter able to perform under all conditions in factories, ports, logistic terminals, depots. ES3000 has a very low energy consumption. Regenerative braking recharges batteries with every stop which is essential for industrial shunting works. Maintenance is extremely easy, and operation is intuitive. Standard features are the remote-control system and the built-in on-board powerful battery chargers.



Shunting capacity	Up to 3000 tons
Weight	48 tons
Speed range	0-10km/h
Batteries	220kWh
Battery chargers	Built-in on-board
Charging time	Up to 5 hours for full charge
Braking	Regenerative service + parking + air brake
Air production	On-board screw compressor



ES3000 is very well structured and has an optimal power-to-weight ratio. It offers high start tractive effort of 150kN and excellent torque applied at wheels. Design is robust and compact for rugged industrial environments.

Extremely low maintenance and operational costs make ES3000 a wise investment with a low total cost of ownership.



At Express Service we have broad experience with close to 100 vehicles deployed to various industrial, depot, and port operators. Based on our expertise we could recommend ES3000 for any shunting task.

