



*160 years of
railways know-how*



Railway Transportation & Industrial Shunting Services

Express Service in brief:

- Mid-size family business
- Business based on 160 years of expertise and know-how
- The only locomotive factory in Bulgaria
- New buildings and modern equipment
- 250+ persons skilled and experienced workforce and 17600m² covered area
- Own locomotives and wagons park
- Own R&D department, CAD design and simulations
- Own spare parts and components production facility
- ECM functions 1, 2, 3, 4



***2026 – 1866 = 160 years
locomotive factory in Ruse, Bulgaria***



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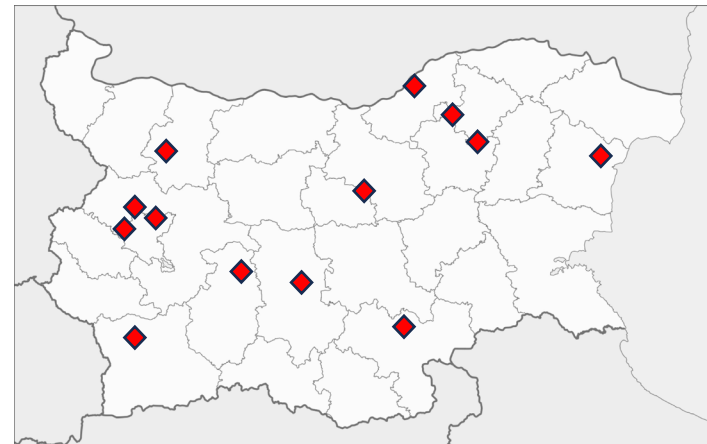
What we do – rail logistics solutions



Industrial Shunting Works

We do shunting across entire territory of Bulgaria:

- Cement industry
- Metallurgy
- Mining companies
- Intermodal terminals
- Food processing plants
- Locomotive and wagons works



Own Shunting Locomotives:



We have the biggest shunting locomotives fleet in Bulgaria.

We possess over 40 own diesel and battery locomotives – to fit any industrial application.

Our locos are very reliable and always ready to perform. Thanks to the only locomotive factory in region.

We manufacture new solutions – tailored for the specific shunting needs.

Our Competitive Advantage (over all other shunting operators):



MOBILITY.

- ✓ Mobile solutions for fast deployment
- ✓ Our machines are ready for your industry!



TECHNICS.

- ✓ We repair. Fast.
- ✓ Mobile repair crews.
- ✓ We manufacture locos and spare parts.



EFFICIENCY.

- ✓ Tailor-made solutions
- ✓ Energy efficient, quiet, safe
- ✓ Radio RC operations



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Mainline Rail Service:



Origin:	German
Tractive effort:	320kN
Power:	5,6MW

Our fleet – a fine blend of modern AC and older second-hand DC electric locomotives.



Origin:	Romanian
Tractive effort:	412kN
Power:	5,1MW

Our traction is carefully combined to assure effective, efficient and problem-free work.



Origin:	English
Tractive effort:	267kN
Power:	2,7MW

Locomotives' performance is guaranteed by our own locomotive factory.



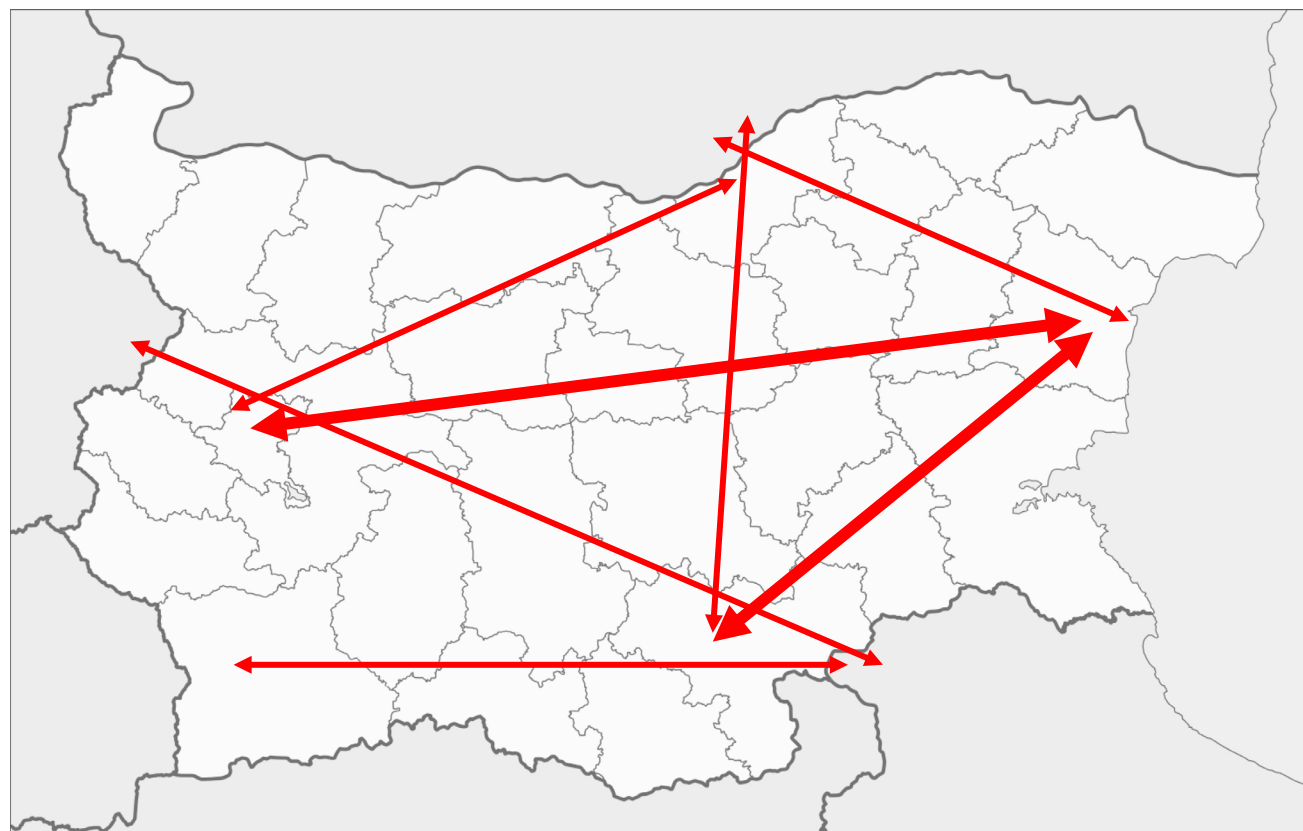
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Mainline Rail Service:

We regularly serve train routes North-South and East-West in Bulgaria.

We serve transit trains on all 3 important railway borders – with Romania, Serbia, Turkey.

We have offices (train hubs) in Ruse, Devnya, Dimitrovgrad, and Sofia.





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What we do – locomotive factory



Build new shunting
locomotives – battery
electric and diesel



ECM functions
1, 2, 3, 4
maintenance of
diesel and electric
locomotives, EMU,
mobile service.
Modernizations +
Overhauls.





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know-how*

WE BUILD NEW DIESEL LOCOMOTIVES

We have a broad expertise in shunting locomotion. Low speeds and efficiency in industrial works are our favorite challenges.

Our range covers **300-960kW** applications. Our machines are **2- and 4-axle** ones and have own mass of **20 to 72 tons**. This suggests slower, industrial shunting work – mostly within **big industries, railway stations, ports**.



MDD3 is a small 2-axle shunter with **great starting tractive effort** and variety of speed modifications.



MDD4 is a **42-tons** 2-axle shunter homologized for CH, IT, BG. It is designed for **heavy shunting service**.



MDD5 is a 4-axle shunter with the **best tractive curve** in its segment for heavy industrial and **light train service**.

Of course – we are committed to the environmental goals of our customers. All diesel engines we input are **“clean diesel” – Stage V compliant**.



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OUR DIESEL LOCOMOTIVES

We have traditions and experience. **Yet we innovate.**

Thanks to our **own design department** we develop in-house: mechanical, electrical and electronic, pneumatic, hydraulic and suspension components and subsystems.



Our clean diesel locos:

- Amazing fuel efficiency
- Great effort at start despite low power – clever speed arrangements
- Clean and safe operations
- Ease of operation and maintenance
- Low total cost of ownership
- High degree of automation
- Personal approach to applications (we are smaller company)

We listen carefully to the market and stay close to industries. They need **slow locomotives** with **good tractive effort** on wheels. They need **efficient and fuel-saving** machines. They need ease of maintenance. Our clean diesels provide the necessary bridge to **emissions-free future**. There is shortage in Europe for new and affordable locomotives in this segment. **So here are we to help.**



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OUR BATTERY LOCOMOTIVES





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WE BUILD NEW BATTERY LOCOMOTIVES

We started building new battery locomotives back in 2005 – well before the “green deal” approach to transportation. Nowadays we are **the European leader** in the segment of heavy industrial and depot solutions. High degree of in-house manufacturing of important components ensures quality control.



ES1000 is a **27-tons shunter** able to deal with **1000 tons**. It is well suitable for depot and light industrial service.



ES3000 is our best-selling model. It is a **48-tons shunter** able to deal with up to **3000 tons**. It has the tractive effort of a diesel locomotive and could serve heavy industrial applications. Suitable for depots, intermodal terminals, ports, railway stations.

Our machines are the emission-free and affordable future of the European shunting industry.

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Our locomotives globally – efficiency and reliability on all continents

LOCOMOTIVES OVERHAULS AND MODERNIZATION

(This is what we like to do – bring new life to old and robust machines.)

- ✓ **1960's** – the golden age of European rail industry and locomotive building.
- ✓ Copper and steel were not a scarcity, there were real engineers in locomotive factories.
- ✓ Locomotives were built in large numbers with good quality with no Chinese components.

Old locomotives are **robust and reliable**.
Their transmissions, bogies, and wheelsets are OK.
What they need is a new lease of life.
Electronics, comfortable cabins, safety features, clean diesels – this is what they need.

One example – the most enhanced **V60** modernization. Robust frame and transmission → modern, clean RC locomotive.





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LOCOMOTIVES REPAIRS AND MAINTENANCE

We are **ECM 1, 2, 3, 4** of various types of diesel and electric locomotives.
In our factory we repair and service **16 types** of diesel and **12 types** of electric locomotives.





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LOCOMOTIVES REPAIRS AND MAINTENANCE

Together with repairs and overhauls, we do small running repairs – such as checks, brake check, underfloor reprofiling, wheelsets exchange, and many others. We have **mobile service crews** available to our ECM customers.





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LOCOMOTIVES REPAIRS AND MAINTENANCE





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Thanks for watching!

**Express Service OOD
DZS, Ruse 7011, Bulgaria**

INFO@LZ1866.COM

WWW.LZ1866.COM



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