

# DIVISION MECHANICAL ENGINEERING

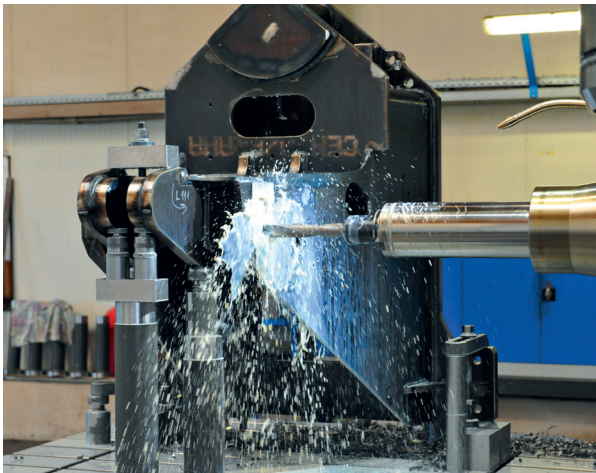


## OUR EXPERTISE

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The Mechanical Engineering Division of BR Group is dedicated to delivering steel metal and aluminium parts and comprehensive manufacturing services to EOM manufacturers. With advanced technologies, a skilled workforce, and a commitment to excellence, we support industries such as automotive, railway or construction. Our focus on quality management, CSR, and sustainability ensures that we meet the expectations of our clients worldwide.

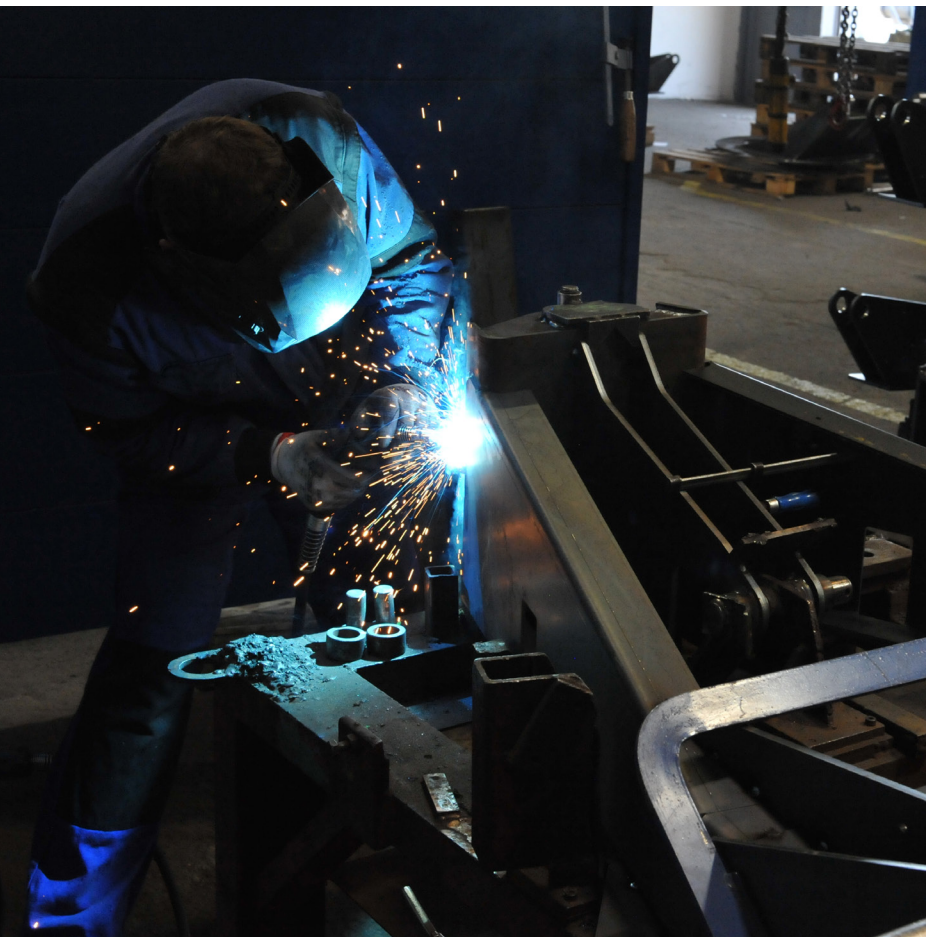
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### ○ DIVERSITY OF PRODUCTION WITH A SINGLE POINT OF CONTACT

The division consists of 4 companies, Spojmont Ostrava, Lucco, Prostějovské strojírny and E-Technik. Each company has unique know-how and technologies. However, as the Engineering Division, they offer a significant market advantage - a comprehensive and diverse portfolio of machinery and a wide range of production capabilities.





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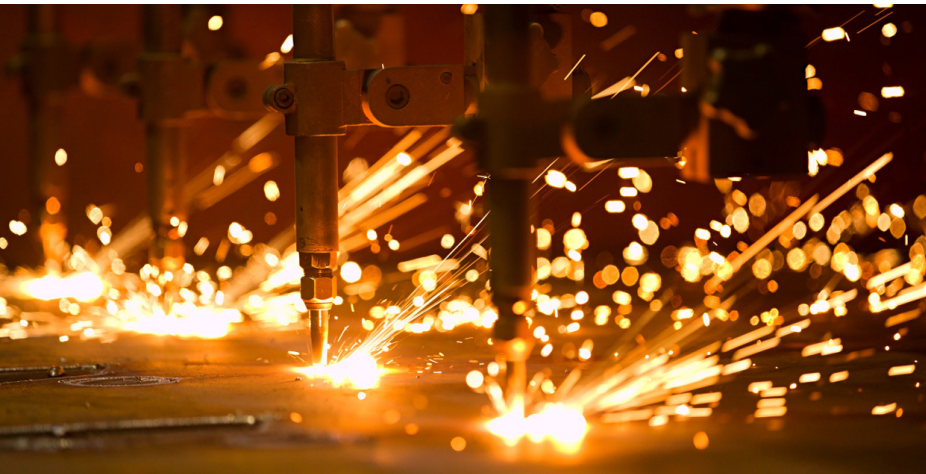
## ⬡ CAPABILITIES

- Engineering: Including FMEA analysis
- State-of-the-Art CNC Machinery & Automated Production
- Material Processing: Mild steel, high-strength structural steel, stainless steel, galvanized steel, aluminum, copper, etc.
- Advanced QA Approach, including NDT



## ⬡ MANUFACTURING PROCESSES

- Cutting, burning, punching
  - Bending, rolling, pressing, punching
  - Welding, tinning, galvanizing or nickel plating
  - Heat treatment, CNC machining
  - Dry and wet surface coating
  - Aluminium anodising, printing on various materials and surfaces
  - Assembly, cast sealing, advanced packaging
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## ⬡ PREFABRICATED THIN SHEET METAL PARTS

Regardless of manufacturing complexity, we establish robust processes. Our advanced technologies ensure precise cutting, bending and punching of sheet metal. We are also able to weld, plating, paint or apply casted seals. In case of more complex deliveries, we will assemble the parts into larger units.



## ⬡ WELDMENTS OF VARIOUS SIZES AND TONNAGES

Whether it's small to mid-sized weldments or heavy-duty structural steelwork, we can deliver it painted and prefabricated. We possess the necessary welding certifications, and some of our companies are approved suppliers for the demanding railway industry. MIG/MAG, TIG methods applied

## ⬡ PRESSED PARTS ON PROGRESSIVE DIES

We can press parts from stainless steel, steel and aluminium sheet and coil on progressive dies. This involves the production of larger batches using dies and eccentric or hydraulic presses.

## ⬡ COMPLEX MACHINING OF ALUMINIUM PROFILES

We have technologies for automatic cutting of profiles, their modification according to customer requirements by CNC machining and pressing. The parts produced in this way can be finished by anodising on an automatic anodising line.

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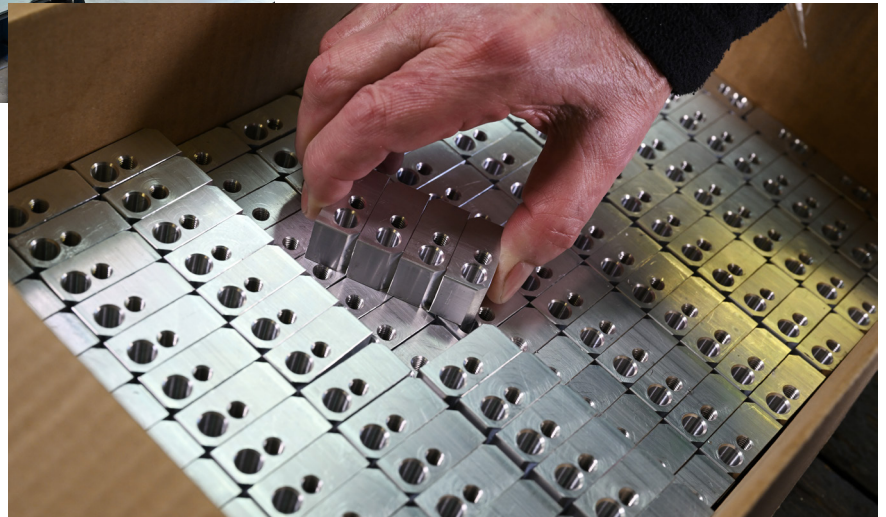


## **CERTIFICATIONS**

ISO 9001, ISO 14001, ISO 45001, ISO 500001, ISO 3834-2:2022, EN 15085 CL1 2020, EN 1090-1:2009+A1:2011, ISO/IEC 27001 (in progress)

## **QUALITY ASSURANCE**

Maintaining high quality in the supply chain is our top priority. We use advanced technologies and equipment, including 3D measurement tools, to ensure we meet the defined quality standards.



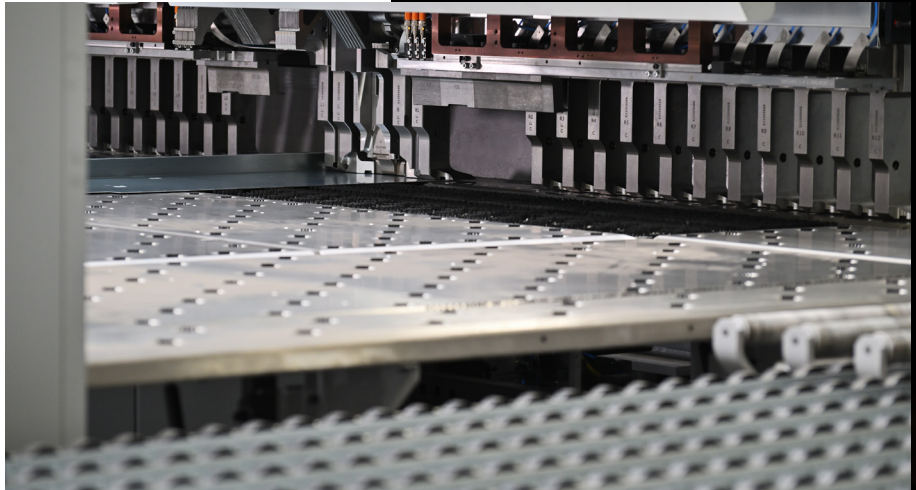
## **CONTINUOUS IMPROVEMENT**

We embrace lean manufacturing principles to ensure ongoing improvements in quality and efficiency. We conduct regular audits and updates to maintain high standards and implement preventive measures to avoid failures.

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## CUSTOMER FOCUS

Our aim is to provide our customers partnership approach not only in manufacturing but also in engineering. Thanks to our extensive experience, we have been working with companies such as Alstom, Volvo, Epiroc, Ingersoll Rand, Terex, Goldhofer, ETA, Efaflex and others for many years.



## THE POWER OF UNITY

As part of the well-established BR Group, we benefit from a robust infrastructure and a diverse business portfolio across four divisions: Mechanical Engineering, Automotive, Industrial Textiles, and Real Estate. BR Group's extensive infrastructure, including its own truck fleet, ensures an uninterrupted supply chain and enables in-house manufacturing of diverse product types.

## BR GROUP a.s.

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