

We are **BREMA**,
the backbone for your buildings

PORTFOLIO

rev.26.01



INTRODUCTION

We are a stable Czech company built on strong foundations, a tradition going back more than 30 years, reliability, technical know-how, custom solutions and, primarily, our employees.

We strengthened our position on the market by joining forces with a strong partner, AŽD Group s.r.o., in 2018.

During our existence, we have found our way into many technological fields and activities, meaning we can cover a wide portfolio of requirements on today's demanding market. Many of our customers have been with us for dozens of years and other ones come back to us, meaning we can be sure the work we do is good work. We have become a reliable partner for you.

Ing. Jaroslav Hyhlík, company CEO

3	210+	1,3+	34
branches	employees	turnover in billions	years on market

Data as of 1 January 2025

ELECTROMETRO

- Heavy-current technology, including 22 kV
- Traction lines
- Heavy-current distribution systems for HVAC equipment
- Lighting – LED technology
- Low-current equipment (electronic fire and security alarms, CCTV, PA, electronic access control, safety information systems)
- Access system for the blind
- ADCS-Tr, ADCS-E, ADCS-L, ADCS-Te
- Advertising LED multimedia system (LMS)
- Cable structures, including cable trays for 22 kV cables
- Fireproof and pressure seals
- Engineering and design activities, inspections, protocols for designated technical equ

Main clients and reference jobs

- **Prague Public Transport Company**
  - Reconstruction of EDTS Želivského
  - Modernisation of lighting and high-voltage distribution systems between Kačerov and Háje stations (BREMA/Hochtief association)
- **AŽD Group s.r.o.**
  - Reconstruction of Jiřího z Poděbrad metro station
  - Modernisation of lighting and high-voltage distribution systems between Náměstí Míru and Želivského stations
- **European Digital Industries a.s.**
  - LED multimedia system (LMS) in metro tunnels



Jiřího z Poděbrad, Prague

ELECTROCOMMERCIAL
AND TECHNOLOGY CONSTRUCTION

- Heavy-current high-voltage technology up to 35 kV
- Heavy-current low-voltage technology up to 1,000 V
- Delivery and installation of low-current technology
- Technical and logistics preparation for protection of electrical equipment
- Preparation and ensuring of realisation project documentation and as-is documentation
- Engineering and design activities, inspections, certificates of competency
- Handling complaints and warrantee repairs

Main clients and reference jobs

- **PENTA Real Estate**
  - Nusle Brewery Residence
  - New Waltrovka office B, C
  - Churchill Square, Scuderia
- **Škoda Mladá Boleslav**
  - Data centre C12
  - Reconstruction of hall M12L and hall M10
- **Seznam.cz**
  - Datové centre Nagoja
  - Datové centre Kokura
- **ČEZ Distribuce**
  - Hostovice line relocation
  - Strengthening of Měděnec distribution grid
  - Čestlice line relocation
- **Institute of Nuclear Physics**
  - Exchange of distribution boards in building SO250
  - Reconstruction of 3rd floor offices
- **Správa železnic**
  - Reconstruction of České Budějovice station building
  - Reconstruction of Dolní Lipka station
- **Plzeň City Transport Company**
  - Metrostav – Plzeň Slovany PAB Depot



Seznam.cz data centre

ELECTRO**RAILWAYS**

- Delivery and assembly of substations
- Delivery and assembly of UPS and diesel systems
- Delivery and complete assembly of internal and external lighting
- Alteration to remote control of section disconnectors
- Heavy-current dist. systems for stations, incl. emer. lighting and solution
- Delivery and assembly of power supply cables and cabinets for BTS
- Delivery and complete assembly of low-current dist. systems for stations (electronic fire and security alarms, CCTV, electronic access control, ER)
- Delivery and assembly of measurement and control, and ADCS
- Engineering and design activities
- Inspections, DEA, certificates of competency
- Reconstruction of heavy- & low-current dist. systems in Prague utility tunnels

Reference jobs

- Modernisation and extension of Prague's Masaryk Station
- Reconstruction work at Prague Main Station – Fanta Building
- Reconstruction of passenger building at Plzeň Main Station



Fanta Opera, Main Station

PRODUCTION OF
DISTRIBUTION BOARDS

- Power distribution boards up to 6,000 A
- Management and control distribution boards
- Lighting distribution boards
- DC distribution boards
- Measurement and control and ADCS distribution boards
- Electrical measurement distribution boards
- Distribution boards for batteries
- Distribution boards for escalator management
- Socket cabinets, construction site distribution boards
- Fire-resistant distribution boards
- Distribution boards with extinguishing system
- Own design department
- Custom distribution boards for cabinets with atypical dimensions and designs
- Option of atypical colour design – own paint shop
- Consulting and technical design in cooperation with the customer
- Warrantee and post-warrantee service



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METAL**PRODUCTION**

- Manufacture of metal products and structures
- Own design department
- Consultation or design of technical solution in cooperation with the customer
- Own paint shop
- TRUMPF TruLaser 1030 fiber laser
- TRUMPF TruBend 5230 – force 2,300 kN and bending length 3,230 mm
- BOSCHERT CNC punching press – dimensions 1,250 x 2,500 up to 3 mm
- Universal Robots collaborative welding robot
- SAFAN press brake - 80 t, bending length 2,500 mm
- SAFAN shears – cutting length of 3,000 mm up to a thickness of 6 mm
- Welding units for CO2 – welding ordinary and stainless steel, and aluminium
- Machine tools – lathes, milling machines, centre and magnetic grinders

TECHNICAL**BUILDING**EQUIPMENT

- Delivery and assembly of sanitary installations (water, gas, drains)
- Delivery and assembly of heating and cooling
- Delivery and assembly of HVAC equipment
- Solution design, design activities
- Warranty and post-warranty service

Referenční zakázky

- Modernisation of Plzeň Slovany depot
- Thomayer Hospital – Pavilion G1
- Reconstruction of underground garages at Vltavská
- Repair to water piping at Želivského metro station
- Špork Palace



New Waltrovka, Prague

STABLE**EXTINGUISHING**EQUIPMENT

- Delivery and assembly of stable extinguishing equipment of all types:
  - mist stable extinguishing equipment (MEE)
  - aerosol stable extinguishing equipment (AEE)
  - gas stable extinguishing equipment (GEE)
  - powder extinguishing equipment (WEE)
  - sprinkler extinguishing equipment (SEE)
  - spray extinguishing equipment (REE)
  - foam extinguishing equipment (FEE)
  - local gas extinguishing equipment
  - local aerosol extinguishing equipment

- Solution for extinguishing distribution boards under CSN 73 0848 requirements
- AEE system for protection of public transport vehicles' engine compartments
- Solution design including discussion with fire brigade and design activities
- Warrantee and post-warrantee service
- Checks on operability of all types of extinguishing equipment pursuant to Decree of the Ministry of the Interior 246/2001 Coll.
- Design and optimisation of solution in technical and investment terms before actual start of realisation
- Wide portfolio of suppliers for coverage of all requirements in terms of extinguishing systems

Reference jobs

- Extinguishing system for bus engine compartments
- Máj department store
- Industrial Palace
- Technical University of Liberec



Máj department store, Prague


Jiřího z Poděbrad, Prague

LIFT**SYSTEMS**

- Passenger lifts
- Goods lifts
- Escalators covering a difference of up to 50 m
- Bed lifts
- Dumb waiters
- Atypical lift systems
- Lifting platforms
- Traction or hydraulic system
- Own metal production
- Complete maintenance activities for selected technical and DEA equipment

Reference jobs

- Modernisation of Pardubice railway junction – lifts and escalators
- Service, repairs and inspections of lifts and platforms
- Reconstruction of Jiřího z Poděbrad metro station – lifts
- České Budějovice main station - lifts
- Regular maintenance, checks and inspections – lifts and escalators

FACILITY**MANAGEMENT**

- **Warrantee and post-warrantee service of all technologies**
- Complete electrical heavy-current distribution systems
- Measurement and control
- DA and UPS replacement power supplies
- Service engineering distribution systems
- Metalwork
- Regular electrical inspections
- Preventative maintenance inspections
- Emergency service 24 hours a day, 365 days a year

Reference jobs

- Air Navigation Services CR – maintenance and inspection activities
- Blanka tunnel complex – construction technology and construction maintenance
- Prague City – maintenance work on technology in utility tunnels
- Prague City – Karlín Musical Theatre – maintenance activities
- PKE ČR s.r.o. – Křemencova 18 – maintenance and inspection activities
- Prague Airport – maintenance and inspection activities



TECHNOLOGY**CONSTRUCTION**

- Comprehensive execution of civil engineering and technological structures
- Engineering and design activities, careful planning
- Active throughout the Czech Republic and abroad
- Wealth of experience with non-standard project solutions
- Close links, cooperation and support with other technology professionals
- New construction and reconstruction, including historical buildings
- Special construction technologies

Reference jobs

- Installation pits for fleet service – depots for Prague public transport company
- Alterations to metro stations
- Partial and full reconstruction of stations, tunnels and rail lines
- Making Jiřího z Poděbrad metro station wheelchair-accessible
- Construction alterations to Masaryk Station



Masaryk Station, Prague

TRANSPORT, EARTH**WORKS**

- Earthworks, demolition, relocations, foundations, transport, etc.

We perform transport and earthworks using

- Bobcat tracked excavator 3.5 t
- Bobcat tracked excavator 8.5 t
- Locust 903 Ford wheeled skid steer loader
- Transit dump truck 2.2 t
- Renault Midlum (12 t) with HDR + containers
- DAF LF 11 t with HDR + containers
- Agados trailer 4.5 x 2.1 m, 2.6 t
- Iveco Daily – dump truck

Reference jobs

- Reconstruction of assembly pits at depots and garages in Prague
- Relocation of cables in Karlštejn



OUR**UNIQUENESS**



TRAYS

Our fibreglass concrete trays are durable, light and long-lasting. They are non-combustible (reaction to fire A) and have excellent tensile strength and impact resistance. They are ideal for demanding conditions such as tunnels, bridges, metro systems and railways. They meet high safety and quality standards in accordance with certification from the Technical and Test Institute for Construction and Construction Engineering Centre.



LIGHTING

Our lighting fixtures are designed for line transport systems, in particular the metro. We offer different types that meet the strict requirements for safe and efficient lighting. The light fixtures can be customised in terms of light intensity and chromaticity, ensuring its optimum distribution. They are certified by the Electrotechnical Testing Institute and National Institute of Public Health, which confirms their quality and safety.



LMS

The LED Multimedia System (LMS) is an innovative advertising technology using 480 LED pillars in the Prague metro. The high-resolution displays ensure a dynamic image with a message time of 10-15 seconds. With a length of up to 240 metres, it offers maximum visual effect. The LMS is approved for use in the metro and enables fast message editing thanks to advanced software. The system effectively replaces billboards, meaning it reduces light pollution in the city.

OUR**UNIQUENESS**

LIGHT FIXTURES FOR DISTRIBUTION BOARD CABINETS

Our light fixtures for distribution board cabinets are designed to be compatible in terms of dimensions with all types of cabinets. Their narrow profile makes them easy to integrate into different spatial layouts. Each light fixture is equipped with its own infrared sensor that allows automatic lighting control based on motion detection, which ensures greater efficiency and convenience of use. The light fixtures are made from high quality components guaranteeing their long life and reliability. The light fixture body is made of extruded aluminium.





SHELTERS

Honest metalwork from our workshop, complemented by 26 mm thick glass with an atypical graphic print inside the glass, creates modern shelters whose appearance is suitable for global metropolises.





INNOVATION OF **PRODUCTION**

We had a new **TruLaser 1030 fiber** (4 kW) 2D laser cutting tool from the leading company Trumpf installed at the start of 2024.

The acquisition of such laser enables us to effectively cut not only stainless and construction steel and aluminium up to a thickness of 20 mm, but also copper and brass up to a thickness of 8 mm.

Training our programmers and operators of this equipment, together with increasing our material storage capacity, has not only modernised our production, but also increased its speed and quality.

In 2025, we purchased a **TRUMPF TruBend 5230** press brake with a pressing force of 2,300 kN and a bending length of 3,230 mm. By doing this we significantly increased our production capacity and flexibility in sheet metal processing. Precision and efficiency enable us to quickly and efficiently perform even complicated bends. Its robust performance and modern technology guarantee a high level of productivity and quality.

We are now ready to flexibly respond to our customers' needs.

CERTIFIKACE

- ISO 9001
- ISO 14001
- ISO 27001
- ISO 45001
- PRE distribuce authorisation
- ČEZ authorisation
- Prague Airport authorisation
- Ministry of Transport authorisation
- SŽ – B02, E07
- Electrotechnical Testing Institute certification for dist. boards and lighting
- Technical Inspection Authority CR authorisation certification
- MoD – E1B authorisation
- National Security Authority
- National Institute of Public Health Brno certification
- Promat authorisation





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Člen skupiny

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