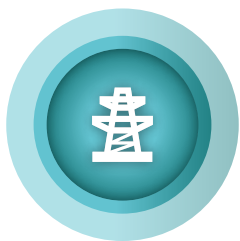




Steel structures
Power industry
Telecommunication



Power transmission towers



Steel structures
Power industry
Telecommunication



About us



- We have been on the market for over 15 years.
- We produce: power transmission towers, steel structures, acoustic barriers, hall structures, modular buildings.
- We are the leader in the production of acoustic barriers and modular buildings on the Polish market.
- **We have 3 production plants, a paint room and a hot dip galvanizing plant.**
- We deliver lattice towers for the construction of transmission lines for 110, 220, 400 kV
- We employ more than 400 workers
- Our production capacity is about 1500 tons of steel structures per month, depending on their complexity and weight.

The operations of our Company consists in all-embracing realization of investments which includes: designing, production, logistic support and assembly.

Production process takes place in three sites equipped with modern machinery, professional paint shops as well as hard-surfaced and guarded storage yards. We perform anti-corrosion protection by spray painting – the Duplex system as well.

We have the Certificate of Factory Production Control for compliance with EN 1090-1 (EXC3 class) and the qualification for I Group of Large Plants.



Power transmission towers

In the process of prefabrication of steel elements we manufacture, among others, steel structures, power transmission towers, lighting poles, modular buildings, technical containers, acoustic barriers and also smaller elements such as stairs, barriers, landings, gates and fences.

We realize the orders for both repeatable elements as well as customized and atypical.

The offered transmission towers with overhead power lines are lattice constructions which can be shaped in various ways. The tower construction meets all necessary safety requirements which provide full protection against electric shock for people and animals.

Our galvanizing plant provides the process of the hot dip galvanizing in compliance with the PN-EN ISO 1461 standard which uses the modern production line equipped with the tanks of dimensions: L=7m x B=1.5m x H=2.8m, which enables galvanizing of the structures of the following maximum dimensions: L=6,8m x B=1,4m x H=2,4m



STRUCTURES FOR COMMERCIAL POWER INDUSTRY:

- Galvanized steel structures of power transmission towers for 110kV, 220kV 400kV.
 - Galvanized steel support structures for apparatus of substations for 110kV, 220kV and 400kV.
 - Galvanized steel structures for power lines and substations for 15kV.
 - Other galvanized ancillary steel structures for infrastructure of power substations and lines, for full range of voltages.
- * We have the licence agreement with the Energoprojekt Kraków company for manufacturing of new-designed lattice towers series EB24, EBW24, EOW24.**

STRUCTURES FOR TELECOMMUNICATION:

- Galvanized steel structures of broadcast-relay towers.
- Galvanized steel structures of telecommunication masts (from wires and rods) for mobile telephony.
- Galvanized steel structures of field antenna masts or installed on roofs of buildings.

WE HAVE A HIGHLY QUALIFIED AND SKILFULL STAFF:

- International Welding Engineer (IWE).
- Team of constructors and technologists.
- Specialists in non-destructive VT2, UT2, UTT, MT2 tests.
- Highly qualified certified welders.



Machinery park



WE HAVE A MODERN MACHINERY PARK:

- Automatic units for cutting and drilling,
- Grit-blasting machine,
- Pillar drills,
- Grit-blasting chamber with spray metallizing function,
- Automatic line for punching and cutting of profiles,
- Versatile shears,
- Saws,
- Automatic line for angle machining,
- Guillotine shears,
- Press brakes,
- Grid welding machine,
- Gas-plasma contour cutter,
- Gas plasma cut-off machine,
- Welding robot with two positioners,
- Welding workstations,
- Tandem of press brakes,
- Rail gantry.

ALL NECESSARY INFRASTRUCTURE:

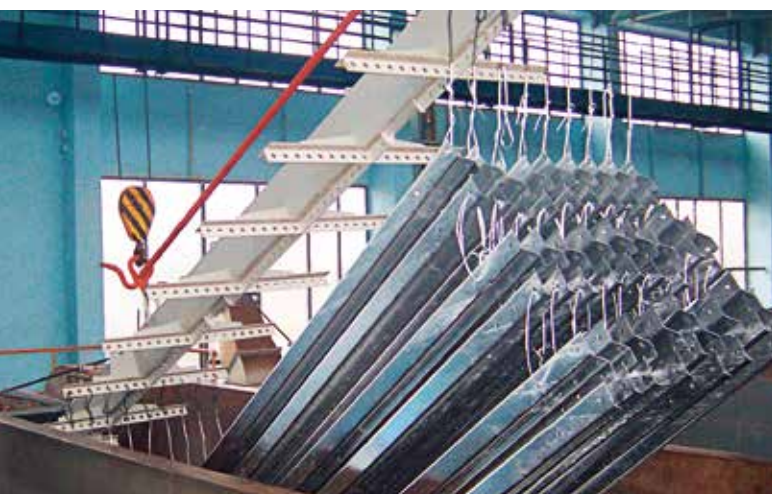
- Painting room of surface area 2500 m².
- Hot Dip Galvanizing Plant - Weldon.

Hot dip galvanizing according to the standard **PN-EN ISO 1461** on the modern production line equipped with tanks of dimensions: L=7m x B=1.5m x H=2.8m making possible galvanizing of structures of the following overall dimensions: L = 6.8m x B=1.4m x H=2.4m and weight up to 3 tons.

Output of the galvanizing plant – 100 ton per 24 hours.



Galvanizing plant



Hot dip galvanizing, as a method of contemporary corrosion protection, is a solution which fulfils all the requirements in terms of durability, good appearance and environmental care. Correctly performed zinc coating, depending on the exposure rating of working environment, guarantees full protection for as long as 50 years.

Our Certificates

- Quality Management System **ISO 9001:2009**,
- Quality Management System **AQAP 2110:2009**,
- NATO Commercial and Government Entity CODE **NCAGE**: 2312H,
- Environmental Management System **ISO 14001:2005**,
- Health and Safety Management System according to **PN-N 18001:2004**,
- Quality Certificate **EN ISO 3834-2**,
- Qualification Certificate of the **Welding Institute in Gliwice (I Group of Large Plants)**,
- Employees with a degree of **International Welding Engineer**,
- Certificate of Factory Production Control for compliance with **EN 1090-1** (EXC3 class).



Completed projects

Elfeko S.A. – delivery of towers 110kV – 24 tons

ZPRE Jedlicze – delivery of towers 110kV – 30 tons

STP Elbud Sp. z o.o. Kraków – delivery of power substation structures – 30 tons

STP Elbud Sp. z o.o. Kraków – delivery of power tower lattice structures – 420 tons

Mostostal Zabrze – Holding S.A. – delivery of lattice towers – 170 tons

Mostostal Zabrze – Holding S.A. – delivery of pipe towers – 15 tons

IDS Bud S.A. Warszawa – delivery of towers for the line 400 kV– 3500 tons





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