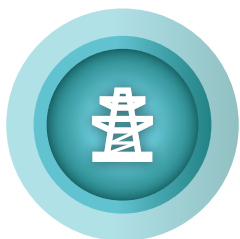


Power Industry,  
Civil Engineering,  
Roads and Railways



**Steel**  
structures



Power Industry,  
Civil Engineering,  
Roads and Railways



## About us



- we have been active on the market for over 15 years,
- we produce: steel structures, acoustic barriers, hall structures, energy poles, 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 employ more than 350 workers,
- we have already produced over 600 thousand m<sup>2</sup> of acoustic panels and 15 thousand container modular buildings,
- our production capacity amounts to about 400 tons of steel structures per month depending on the degree of complication and weight.



Activity of our Company comprises comprehensive realization of investments and includes: designing, production, logistic support and assembly.

We have highly qualified personnel:

- International Welding Engineer (IWE)),
- Team of designers and technologists,
- Specialists in non-destructive testing VT2, UT2, UTT, MT2

- Qualified welders with the certificates of authorization

The production process takes place in three facilities equipped with the modern machinery park, painting workshop and hardened and guarded storage areas.





# Energy poles

Under the framework of steel elements prefabrication we manufacture, among others, steel structures, energy poles, lighting poles, module buildings, technical containers, acoustic screens, and smaller elements such as stairs, barriers, platforms, gates and fences.

We realize orders for the production of repeatable elements, as well as individual and atypical orders. We offer the poles for overhead lines made as lattice constructions which are intended for shaping in various ways. The construction of the pole fulfils all necessary requirements in terms of safety and preventing people and animals from electrocution.

Our galvanizing plant offers the process of hot dip galvanizing according to the standard PN-EN ISO 1461 using the modern production line equipped with the tubs of dimensions: L=7m x B=1,5 m x H=2,8 m, which enables us to galvanize the structures of the following maximum overall dimensions: L=6,8 m x B=1,4 m x H=2,4 m



# Systems of modular halls



The system of modular halls was designed by the employees of the delivery and development department having in mind the companies interested in reducing the time of object erection and in reduction of its building costs.

## **THE VARIETY OF EQUIPMENT AND INTERIOR DESIGN**

Within the framework of the comprehensive realization of services we deliver and install all equipment according to your request that is a wide palette of industrial gates, doors, windows and uplightings. Additionally, our offer includes the installation of roof ladders, smoke dampers and mezzanines.

## **ANY REQUESTED COLOUR OF ELEVATION**

We offer the colours for elevations based on our cards of colours – or on special request – completion of planking in any requested colour. Wall planking may be made from typical metal sheets or sandwich boards.

## **ATTRACTIVE COSTS OF REALIZATION**

In the halls over 18 meters high it is one of the lightest constructions based on the hot-rolled profiles, which significantly reduces the costs.

## **FAST ASSEMBLY AND DISASSEMBLY**

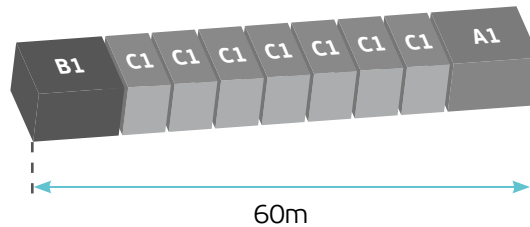
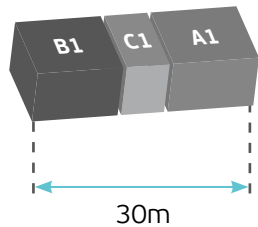
All elements are joined using bolts, which facilitates and accelerates the assembly and excludes the use of additional specialized tools. For assembly the crane is required. If necessary, the structure can be dismantled and erected in another place.

## **DURABILITY AND AESTHETICS**

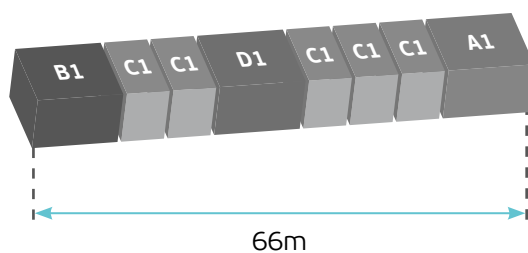
All construction elements are protected with special industrial coatings in any requested colour. On special request it can be protected by hot dip galvanizing.



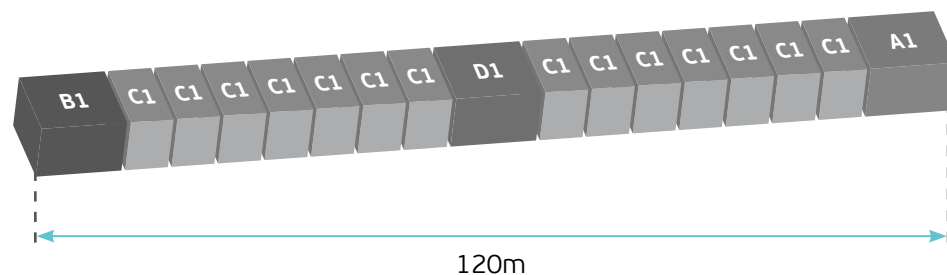
## Diagram of modules arrangement



The hall construction is composed of 4 types of modules  
 A1 – External closed module  
 B1 – External open module  
 C1 – Internal repeatable module  
 DL – Internal concentrating module



Dimensions in structural axes		Hall width [m]				
Side wall height [m]	Type	12,0	15,0	18,0	21,0	24,0
4,50	2S	+	+	-	-	-
4,50	3S	+	+	-	-	-
4,80	2S	-	-	+	+	+
4,80	3S	-	-	+	+	+
Roof ridge height [m]		5,90	6,25	6,90	7,25	7,60
Roof ridge over the side wall [m]		1,40	1,75	2,10	2,45	2,80

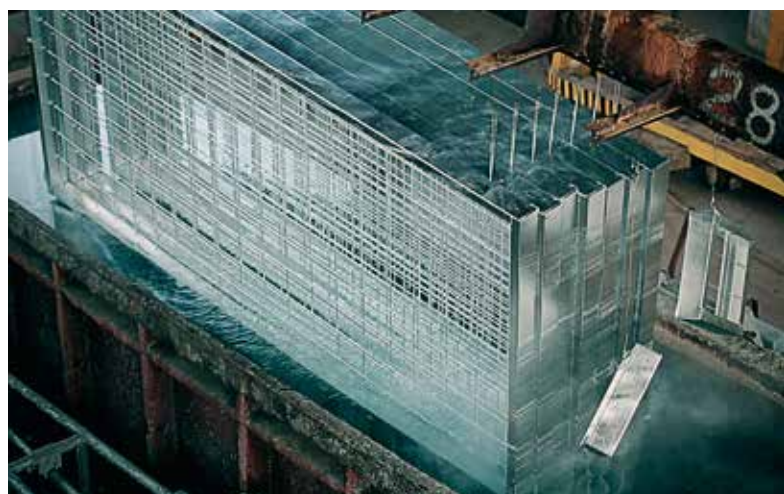




# Galvanizing line



Hot dip galvanizing is a solution which in the present era of corrosion protections fulfils the requirements in terms of durability, aesthetics and is environmentally friendly. Correctly performed zinc coat, depending on the aggressiveness of environment in which it is used, guarantees protection for as long as up to 50 years.





# Machinery Park



## WE HAVE MODERN MACHINERY PARK:

- Saw DANOBAT CPI 105DI (400 mm x 1000 mm x 16000 mm)
- Cornice brakes tandem LVD PPEB-H EFL 500/6000-5050
- Rail portal MSA - 4 PS/MAG - 1680 - 2x500 - 18 m
- Plasma cutter VX Speed HQ 3000 mm x 14 000 mm
- Shot-blasting chamber Blastlux PC-BL 1855 18 000 mm x 5000 mm x 5100 mm
- Drilling machine DANOBAT UT4.100.40 (400 mm x 1000 mm x 16000 mm, drilling Ø6 - Ø40)
- Geka ALPS 160
- Drilling and cutting unit Danobat T3CH 104 +CPI 105 DI
- Punching and shearing machine GEKA Hydracrop 165/300 (cutting of flat bars, angle bars, channel bars, rods, C, H, T, shapes, punching of holes and bean-shape holes Ø40 max 30mm)
- Sawing machine Bomar 610.440 DGH (610 mm x 440 mm)
- Shot blasting machine SciTeex RS-R 2050/6T (500 mm x 2000 mm x 16000 mm)
- Pillar drill VS 40-480 Pollux (max Ø40, drilling depth 220 mm)
- Gate shear CNC ERMAKSAN HGD 3100 x 13 (max thickness 12mm for length 1000 mm, 8 mm for length 2000 mm, 6 mm for length 3000 mm)
- Cornice brake HACO
- Plasma – gas cutter Eckert (table: 2000 mm x 6000 mm, plasma max thickness 12 mm, gas max thickness 60 mm)
- KAWASAKI welding robot with two turnover fixtures 6500 mm each







# 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)**.





# Gallery



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