



Shape Steel



**CUTTING | WELDING
BENDING | MACHINING!**

PRODUCTION OF STEEL CONTRUCTIONS AND STEEL CUT SHAPES

SHAPE STEEL A. S.

A MODERN CZECH STEEL PROCESSING COMPANY
WITH TRADITION

OSTRAVA

- WE MANUFACTURE WELDED AND ASSEMBLED MACHINERY PARTS AND SUBCONTRACTS FOR FINAL ASSEMBLY
- WE CUT STEEL BY FLAME UP TO 400MM THICKNESS
- WE BEND PLATES UP TO 8 METER LENGTH
- WE PROCESS CUT SHAPES AND WELDED UNITS
- WE MANUFACTURE STEEL STRUCTURES UP TO 20 TONS PIECEWEIGHT
- WE PROVIDE COMPLETE LOGISTICAL SOLUTIONS
- WE TEST ONLY IN CERTIFIED LABORATORIES
- WE DELIVER ALL PRODUCTS COMPLETELY CERTIFIED AND TESTED

SINCE 1998

DEVELOPMENT

WE ARE CONTINUOUSLY ENLARGING **6 PRODUCTION HALLS** WITH CRANE TRACKS, OUTDOOR ROOFED STORAGE AREAS, ADMINISTRATIVE BUILDINGS, EVERYTHING IN THE COMPANY'S AREA OF **4,5 Ha**

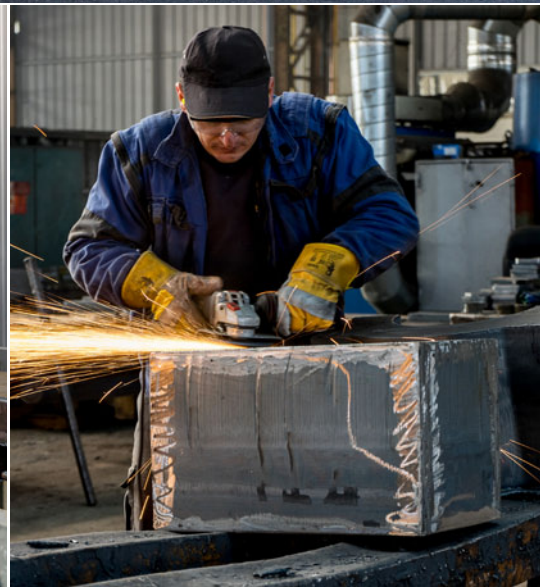


LOCATION

DOLNÍ OBLAST VÍTKOVICE

OUR COMPANY IS LOCATED IN THE NEIGHBORHOOD OF THE DOLNÍ VÍTKOVICE NATIONAL CULTURAL MONUMENT NEAR THE CENTER OF OSTRAVA CITY.





WE SUPPLY OUR PRODUCTS TO MORE THAN

450 DOMESTIC
AND FOREIGN CUSTOMERS

FERRCOMP, / HF Slovakia / Tawesco / Maxis Wheels Czech /
UNEX / DAKO CZ / Ferrit / Bonatrans / ZTS TEES VOS /
STV Machinery / Ammann Czech Republic / Bliss - Bret /
Gearworks / HACO / MOSTÁRNA Lískovec / Ostroj /
PROGRES OCEL / PSP Machinery

WE ARE MEMBERS OF
NATIONAL ENGINEERING CLUSTER

WE ARE IN LONG-TERM COOPERATION
WITH VŠB - TECHNICAL UNIVERSITY
OF OSTRAVA

WE HOLD THE FOLLOWING CERTIFICATES

ISO 9001 – Quality management

ISO 14001 – Environment

OHSAS 18001 – Health and safety

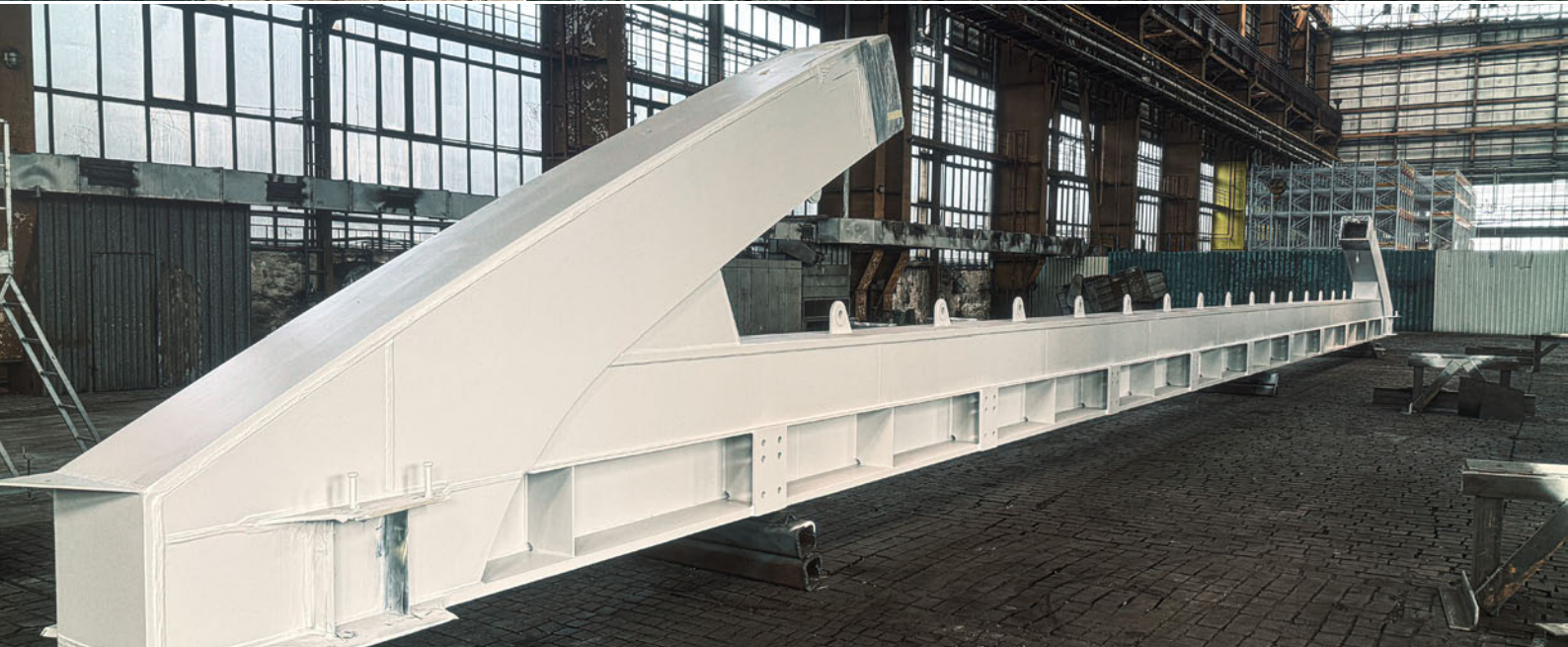
ISO 3834 – Quality assurance for steel constructions
production

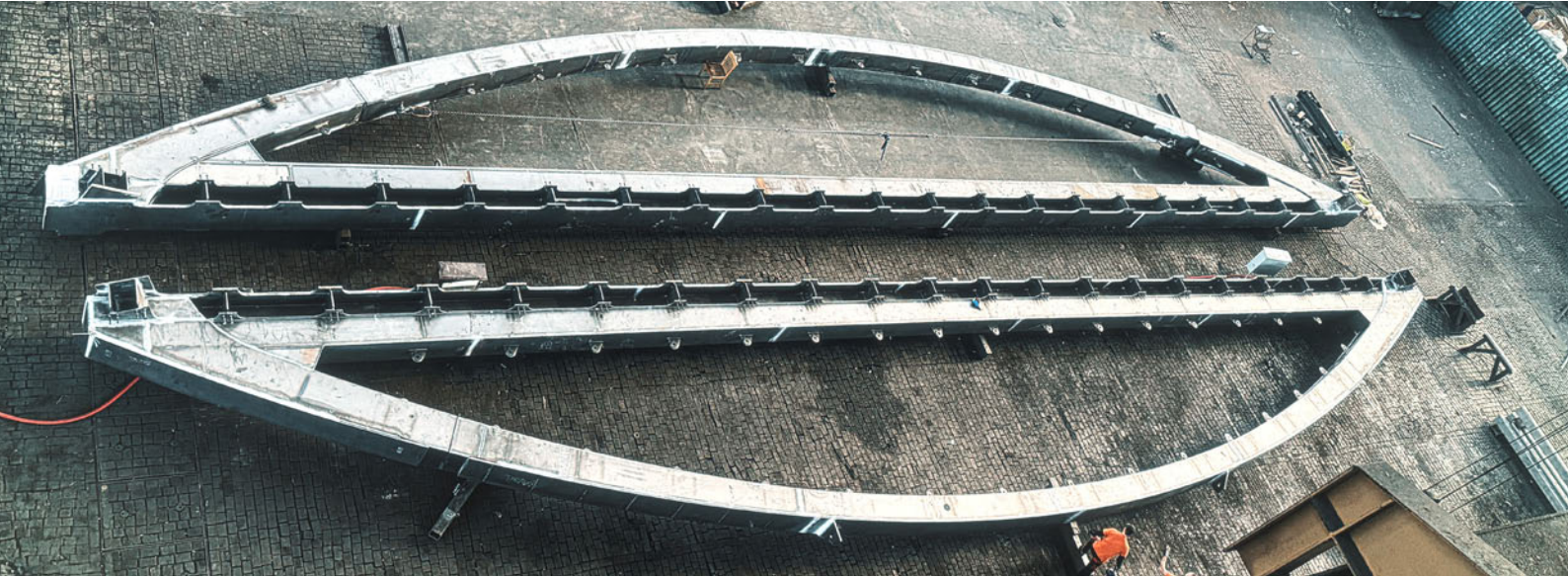


 **Shape Steel**



FROM VISION TO REALITY
WE GIVE STEEL THE RIGHT SHAPE





ENGINEERING PRODUCTION DIVISION

WELDED COMPONENTS

- The production is working either on individual or on series production. We specialize mainly in the supply of individual weldments, but also units, for the engineering, construction and processing industries.
- Our main target is customer satisfaction by in-time delivery of high quality products! As we have our cutting centre under the same roof we are able to offer one-stop-shopping.
- The implementation of projects takes place in our two production halls with an area of 4800 m² with a crane capacity of up to 25 t.



MAIN BENEFITS

- High Quality
- Flexibility
- Responsibility
- Professionality
- Rich experience

PRODUCTION POSSIBILITIES

- MIG / MAG / TIG and FLUX welding
- Machining
- Annealing
- Shotblasting / Painting
- Locksmith works

PRODUCTION AND FOCUS

- Production and assembly of machinery
- Technological units
- Machine parts
- Heavier steel structures





MACHINING

We provide processing of materials.

MACHINERY EQUIPMENT:

SAWS

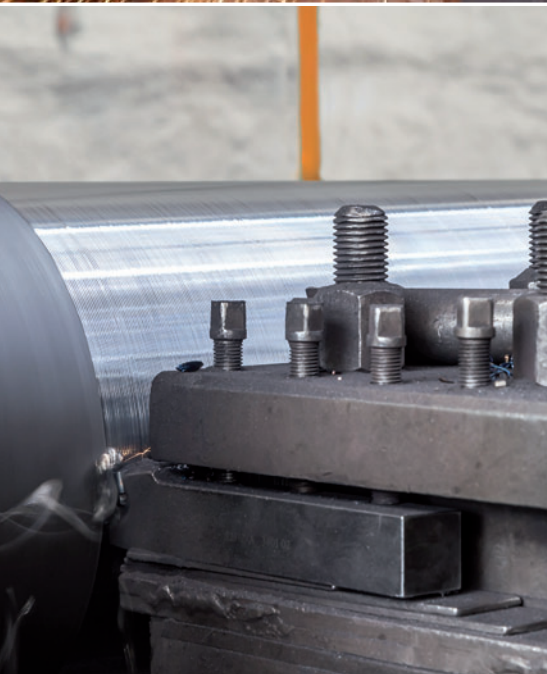
GRINDING MACHINES

DRILLS

LATHES

MILLING MACHINES

WE PROVIDE SPECIAL TYPES OF MACHINING,
BENDING, TURNING, COATING, etc.
in cooperation with verified suppliers



BENDING

We bend cut shapes on our tandem press, built by HACO, according to parameters, specified by the customer.

PARAMETERS

We have two bending machines (4 m, 400 t) connected in tandem. The maximum bending length is 8 meters.

BLASTING

We shot-blast on 2 continuous OTECO MAXIMA blasting machines according to customers' requirements.

MAX. DIMENSIONS OF BLASTED OBJECTS:

HEIGHT 600 mm

WIDTH 1600 mm

LENGTH 12 000 mm

MIN. THICKNESS 5 mm



PRODUCTION OF CUT SHAPES

We are producing cut shapes on demand, either for serial production, or for unit production.

MACHINERY EQUIPMENT

8 CNC CUTTING MACHINES VANAD.

CUTTING WITH OXYGEN-ACETYLENE BURNERS

max. dimensions: thickness 400 mm, width 3500 mm, length 12,500 mm, max weight: 20 t

CUTTING WITH PLASMA BURNERS

max. dimensions: thickness 50 mm, width 3000 mm, length 12,500 mm, max weight: 20 t

CUTTING WITH LASER

max. dimensions: thickness 15 mm, width 2000 mm length 6000 mm



SHEETS / PLATES

DIMENSIONAL RANGE

THICKNESS 0,5–400 mm

WIDTH 1000–3000 mm

LENGTH 1000–12000 mm

QUALITY

1. STRUCTURAL STEEL ACCORDING TO EN 10025

S235JR, S355J2, S355NL, S690QL, S960QL

2. BOILERS AND PRESSURE STEEL ACCORDING TO EN 10028

P265GH, P355GH/NH/NL1/NL2,
16Mo3, 13CrMo4

3. NON-ALLOY OR ALLOY STEEL ACCORDING TO EN 683

C45, 42CRMO4, 16MNCR5

4. COLD FORMING STEEL ACCORDING TO EN 10149

S355MC

5. HIGH WEAR-RESISTANT STEEL

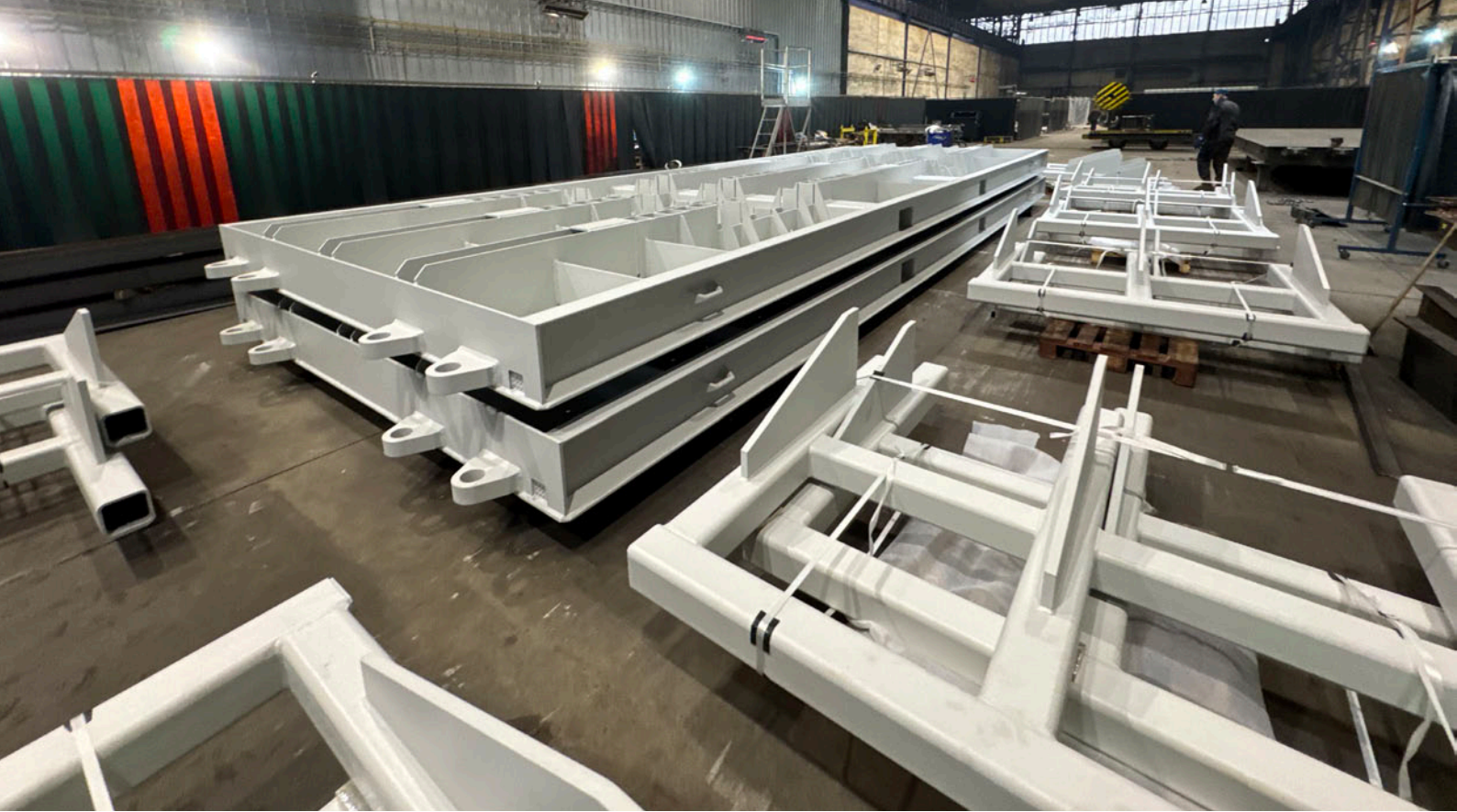
HB400, HB450, HB500

Average **VOLUME OF OWN STOCK** is at the level of 5000 tons with certificates according to European standards EN 102014 3.1 or 3.2.

We perform **ULTRASONIC TESTING** according to EN 10160 and SEL 072/77 standards. Upon request, we provide additional tests of mechanical values by an independent accredited company.

We buy other metallurgical material exclusively for the production of machine parts according to current needs.





DO YOU HAVE
ANY FURTHER QUESTIONS?

GET IN TOUCH WITH US.

KEY BENEFITS OF COOPERATION:

- High quality
- Experience and tradition
- Innovation and Technology
- Individual approach
- Trust and long-term cooperation





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