



PRODUCTION OF STEEL CONSTRUCTIONS

WELDED COMPONENTS FOR THE FINAL ASSEMBLY
AND STEEL CUT SHAPES

SHAPE STEEL A. S.

IS A MODERN CZECH MANUFACTURING COMPANY
WITH LONG TRADITION

- WE ARE ENGAGED IN PRODUCTION OF WELDED AND ASSEMBLED MACHINE PARTS AND SUBCONTRACTS FOR THE FINAL ASSEMBLY
- WE MANUFACTURE CUT PARTS (up to the thickness of 400 mm)
- WE PROCESS CUT SHAPES AND WELDMENTS
- WE MANUFACTURE WELDED ASSEMBLIES (up to the weight of 20 tons)
- WE PROVIDE TRANSPORT OF OUR PRODUCTS TO THE CUSTOMERS
- WE TEST MATERIAL IN CERTIFIED LABORATORIES
- PRODUCTS ARE SUPPLIED INCLUDING ALL CERTIFICATES AND ATTESTATIONS

OSTRAVA

SINCE 1998



WE DELIVER OUR PRODUCTS TO MORE THAN

350 DOMESTIC
AND FOREIGN CUSTOMERS

FERRCOMP / HF NaJUS / Tawesco / Maxion Wheels Czech
UNEX / Vítkovice Heavy Machinery / Vitkovice Hammering
DAKO CZ / Ferrit / Bonatrans / Lucco / Moravia Steel
ČKD Blansko / ČD Cargo

WE ARE MEMBERS OF
THE NATIONAL ENGINEERING CLUSTER

TO ENSURE FURTHER DEVELOPMENT OF OUR COMPANY,
WE CONCLUDED A COOPERATION AGREEMENT
WITH VŠB – TECHNICAL UNIVERSITY OF OSTRAVA



WE ARE HOLDERS OF CERTIFICATES

ISO 9001 – Quality management

ISO 14001 – Environment

OHSAS 18001 – Safety and health protection during work





PURCHASE, STORAGE, SALE OF METALLURGICAL MATERIAL



SHEETS

DIMENSIONAL ASSORTMENT

SHEET THICKNESS 3–400 mm

SHEET WIDTH 1000–3000 mm

SHEET LENGTH 1000–12000 mm

QUALITY

1. STRUCTURAL STEELS

ACCORDING TO EN10025

S235JR (+N,+AR), S355J2 (+N,+AR), S355NL/ML, S420NL/ML, S690QL, S960QL

2. STEELS FOR PRESSURE PURPOSES

ACCORDING TO EN10028

P265GH, P355GH, 16Mo3, 13CrMo4, P355N, NH, NL1

3. CARBON STEELS ACCORDING TO EN10083

C45, C50, 42CrMo4

4. FINE GRAIN STEELS WITH INCREASED YIELD STRENGTH

ACCORDING TO

S355NC, S420NC



The average **VOLUME OF OUR STOCKS** is about 5000 tons with certificates according to the European standards EN 10 2014 3.1 or 3.2.

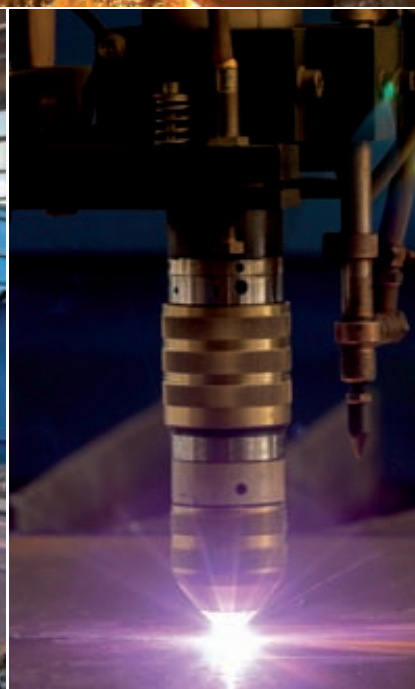
ULTRASONIC TESTING is performed according to standards SEL 072/77 a EN10160. On request we provide additional testing of mechanical values by the independent accredited company.

Other metallurgical materials are purchased exclusively for the manufacture of machinery parts according to actual needs.



MANUFACTURE OF CUT SHAPES

- WE MANUFACTURE SHEETS CUT SHAPES FOR PRODUCTION OF MACHINE PARTS AND BUSINESS ACTIVITY
- MACHINE EQUIPMENT: 6 CNC VANAD CUTTING MACHINES
- CUTTING USING OXYACETYLENE BURNERS
max. dimensions: thickness 400 mm, width 3500 mm, length 12,500 mm, max. weight: 20 t
- CUTTING USING PLASMA BURNERS
max. dimensions: thickness 50 mm, width 3000 mm, length 12,500 mm, max. weight: 20 t



MATERIAL BLASTING

We blast metallurgical material and cut shapes on continuous blasting machine **MAXIMA OTECO** using steel shot according to customer required quality.

MAX. DIMENSIONS OF BLASTED ITEMS:

HEIGHT 700 mm

WIDTH 1250 mm

LENGTH 12 000 mm

MIN. THICKNESS 5 mm





MACHINE PROCESSING

We provide processing of materials, cut shapes and roughing of metal bars.

MACHINE EQUIPMENT:

SAWS

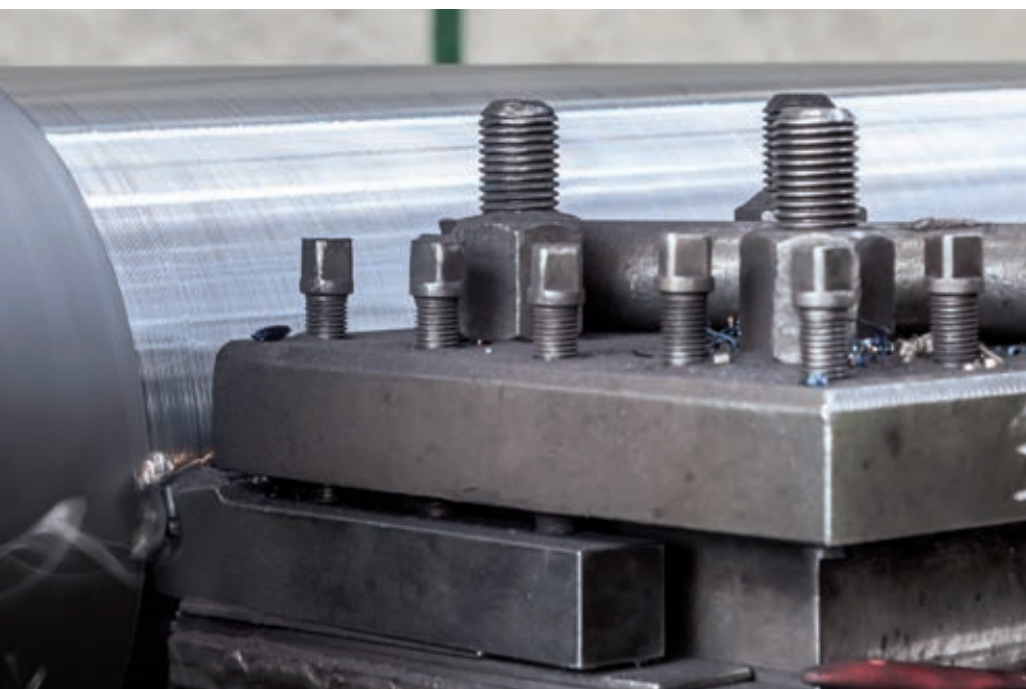
GRINDING MACHINES

DRILLS

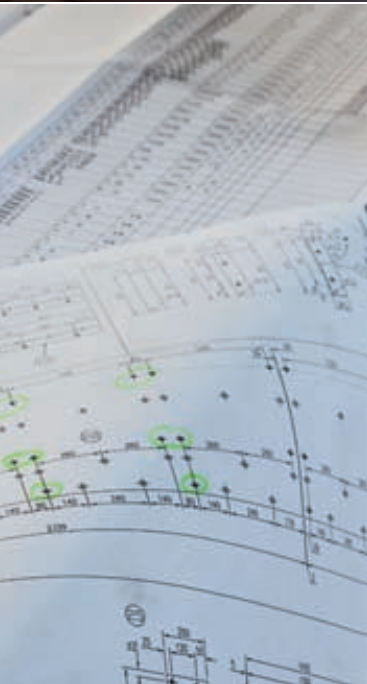
LATHES

MILLING MACHINES

We provide SPECIAL KINDS OF PROCESSING, BENDING, ROLLING, FOLDING, PAINTING, etc. in cooperation with certified suppliers.



PRODUCTION OF WELDED AND ASSEMBLED MACHINE PARTS AND SUBCONTRACTING



- We secure a wide range of production **WELDED MACHINE PARTS, COMPONENTS AND STEEL STRUCTURES** especially using our cut shapes to a weight of 20 tons.
- Welding is performed on modern welding machines using MIG/TIG method.
- We provide **LOCKSMITH OPERATIONS, ASSEMBLIES AND COMPLETION OF DIFFICULT MECHANICAL ASSEMBLIES** including mechanical, hydraulic and electrical equipment and surface finishes.





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