GOHR

Presentation of the company

www.eng.gohr.sk

HISTORY OF THE COMPANY

2022
- purchase of new CNC machines

2020
- Certification audit according to norm **STN EN ISO45001:2019**

2018
- Achieving the certification of the company according to **STN OHSAS 18001:2009** and **STN EN ISO 14001:2016 standards**

2017
- Started the test production in the **assembly plant**
- Renewed the certification according to **STN EN ISO 9001:2016**

2016
- Acquisition of the assembly plant - increase of the production area by **14,220 m² to the total production area of approx. 24,000 m²**
- Certification audit according to the **EN 1090-1:2009** standard, **system 2+** Execution of steel and aluminium structures, **EXC 4 execution class pursuant to the EN 1090-2 standard**

2015
- **Ethical Audit** according to the WCA programme (Workplace Conditions Assessment)
- Extension of machinery fleet using **EU funds**

2014
- Certification audit according to the **EN 1090-1:2009** standard, **system 2+** Execution of steel and aluminium structures, **EXC 3** execution class **pursuant to the EN 1090-2 standard**

2012
- Completed reconstruction of the administrative building

2011
- Verification taking-over audit according to the **STN EN ISO 9001:2009**

2009
- Implementation of the **SAP** information system

2008
- Certification audit according to the **DIN EN ISO 3834-2** standard, Quality requirements for fusion welding of metallic materials to prove the ability of a producer to weld metallic materials

2007
- Certification audit according to the **STN EN ISO 9001:2001** standard, Quality Management System

2005
- Evaluation of producer ability (so called Big Welding Certificate) according to the **DIN 18800-7:2002** standard for steel structure production

2001
- Certification of Big Welding Certificate according to the **DIN 18800-7** and **DIN EN 729-2** standards

1999
- After dissolution of ČKD DUKLA a. s., Strojárenský závod Šariš, **GOHR, s.r.o.** was established

The company focuses on manufacturing of heavy steel structures. It has both experience and the required technical equipment for such production.

In the meantime, we have developed into a competitive industrial partner in various industry branches:

- **Tunnelling equipment**
- **Equipment for smelters and rolling mills**
- **Conveyors**
- **Construction machinery**
- **Crushing plants**
- **Crane equipment**
- **Chassis production**
- **Technical equipment for metallurgy, energy, and civil-engineering industries**

GOHR, s.r.o. is the owner of the ISO 9001 quality certificate and it works in the SAP information system.

At present the company employs approx. **330 employees.** Total capacity of production area is **24,000 m².**

We offer:

- **metal working**
- **production of large steel structures**
- **piece production**
- **qualified employees**
- **the most up-to-date technologies**
- **guarantee of top quality**
- **tailor-made approach**
- **experienced staff**
- **fulfilment of the above-standard production and technical requirements**

TECHNICAL OPTIONS

1. CRANE

Amount of cranes: 59
Crane lifting capacity from 3.2 - 32 t (2 cranes - 50 t)
Height under the hook - 14.4 m

2. MATERIAL DIVISION

2.1 Bar stock

- band saws up to 400 mm

2.2 Sheet metal

- plate shears up to thickness of 16 mm, width of 3,150 mm
- oxy-cutting machine oxygen - acetylene
  - thickness up to 140 mm, dimensions max. 2 x 6 m
- plasma cutting machine
  - thickness up to 20 mm, dimensions max. 2 x 6 m
- flame-cutting machine oxygen - acetylene
  - up to thickness of 10 mm
  - table dimension 2 x 6 m

3. FLAT MOULDING OF SHEET METAL

3.1 Roll bending

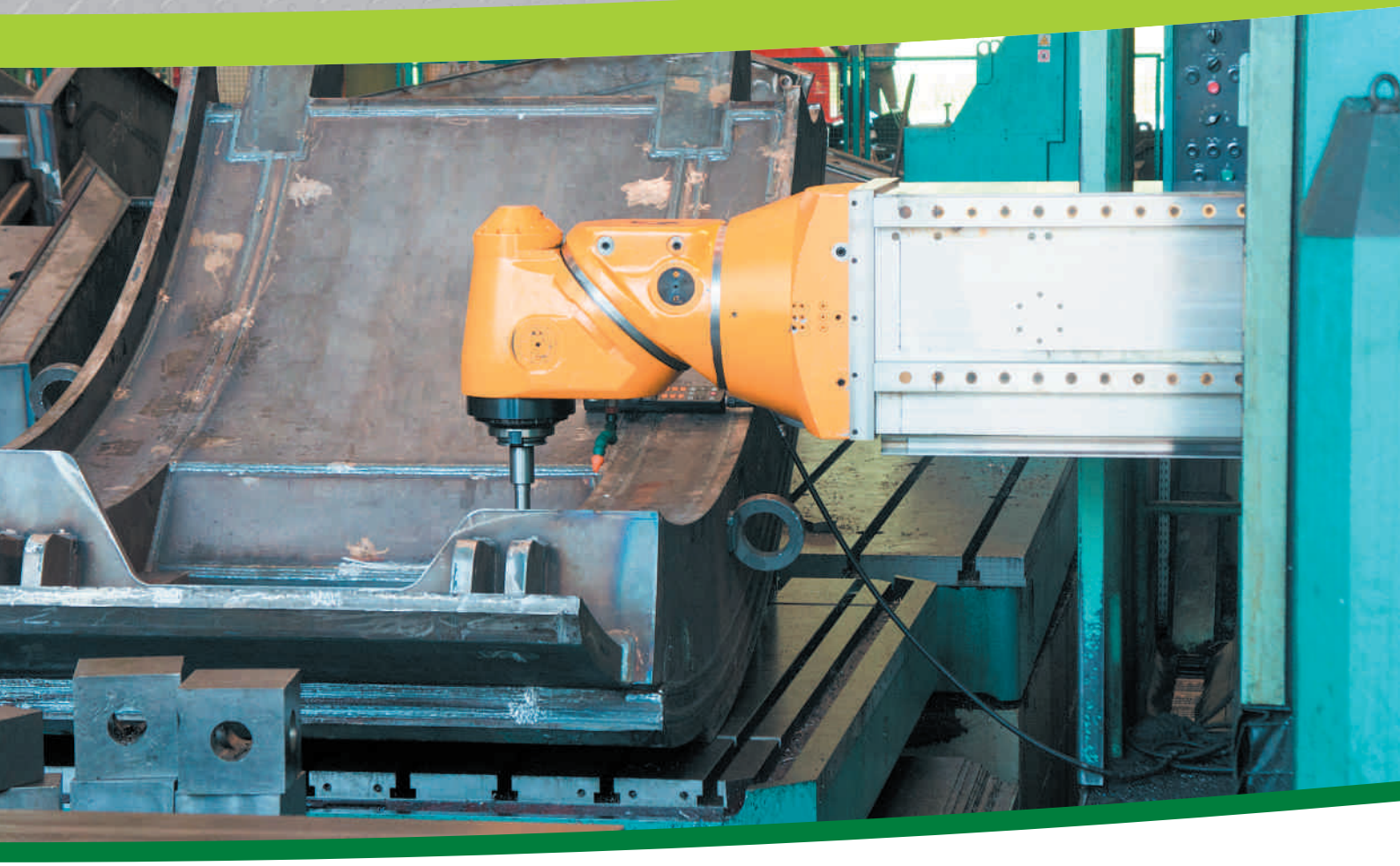
- 4-cylinder machine up to thickness of 20 mm, width of 2500 mm, Ø min. 450 mm
- 4-cylinder machine up to thickness of 18 mm, width of 2000 mm, Ø min. 400 mm
- 3-cylinder machine up to thickness of 40 mm, width of 4000 mm, Ø min. 700 mm

3.2 Bar stock profile roll bending

- up to the dimension of approx. 120 mm

3.3 Plate bending

- Sheet metal bending machine up to thickness of 15 mm with width of 6000 mm
- CNC press brake SPEED-BEND-800t, up to thickness of 15 mm and width of 6000 mm
- levelling, pressing, bending on 250 t hydraulic press



4. MACHINE CUTTING

4.1 Lathe turning

- standard lathe - Ø 350 mm with width of 3000 mm
- CNC lathe - up to Ø 500 mm with width of 3000 mm

4.2 Milling

- standard milling cutters - fixing on the table up to 500 x 2000 mm
- CNC milling cutters - fixing on the table 2100 x 1000 mm

4.3 CNC milling - boring

- spindle Ø 100 mm
  - fixing on the rotating table 1000 x 1120 mm, table bearing capacity is 3000 kg
  - machining up to height of 1100 mm
- spindle WRD Ø 130 mm
  - fixing on the rotating table 2000 x 2500 mm, table bearing capacity is 16000 kg
  - machining up to height of 3000 mm
  - fixing on firm slabs up to 6000 mm, max. bearing capacity of the workpiece up to 10.5 t
- spindle WRD Ø 150 mm
  - fixing on the rotating table 2000 x 2500 mm, table bearing capacity is 16000 kg
  - machining up to height of 3000 mm
  - fixing on firm slabs up to 14000 mm, max. load-bearing capacity of the workpiece up to 32 t (2 cranes of 50 t)

4.4 Standard drilling

- radial column drilling machines up to Ø 63 mm

4.5 Slotting

- vertical slotting machine up to groove width of 25 m
- stroke max. 250 mm

4.6 Threading

- el. threading machine for M 36
- machine threading according to 4.3

5. WELDING

The company is certified for production of steel structures according to the DIN 1090-1 standard, EXC3 execution class of structures and it fulfils the requirements for the quality system for welding according to the DIN EN ISO 3834-2 standard.

The staff for welding coordination is certified according to the **EN ISO 14731** standard.

The staff for NDT testing is certified according to the **EN ISO 9712** standard.

The staff for welding is certified according to the **EN ISO 9606-1** standard.

5.1 Welding methods

- 111 - manual arc welding with a coated electrode - MMA
- 121 - shielded metal arc welding - SMAW
- 131 - metal inert gas welding - MIG
- 135 - metal active gas welding - MAG
- 141 - tungsten inert gas welding - TIG

5.2 Welded materials

groups 1.1; 1.2; 3.1 and 8 according to CR ISO 15608 (S235; S275; S355; S690Q; HARDOX; WELDOX; VAUTID)

5.3 Thickness of materials

- 3 to 150 mm

5.4 Welding quality and weld testing

Weld quality for testing:

- VT - Visual
- PT - Capillary
- MT - Magnetic
- UT - Ultra-sound

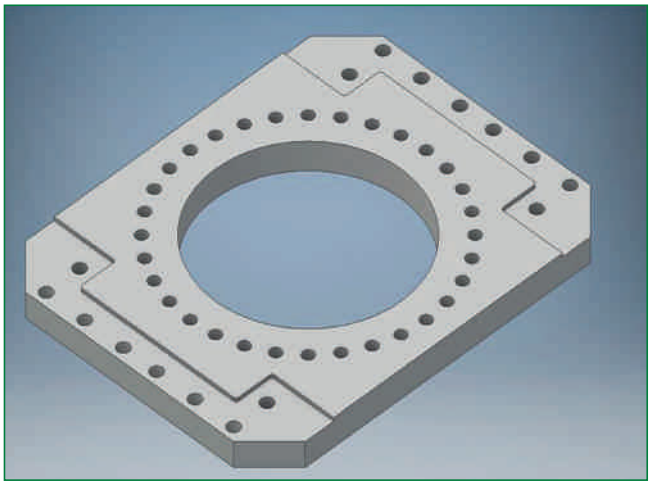
6. SURFACE TREATMENT

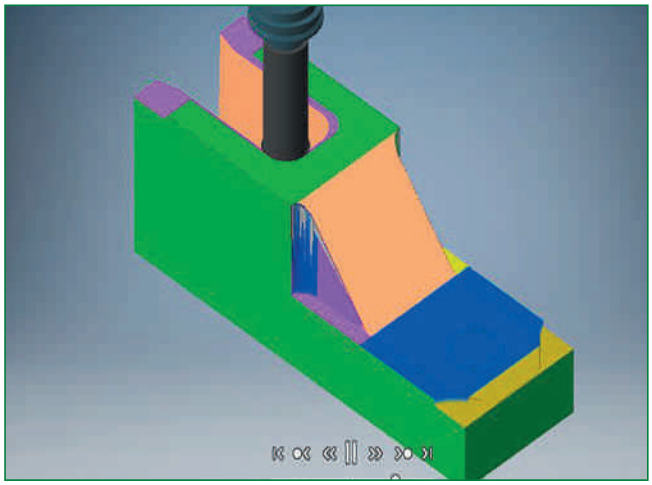
6.1 Blasting using steel wire blasting medium in a blasting box:
- dimension 4 x 15 x 3.8 m
- surface quality Sa 2.5

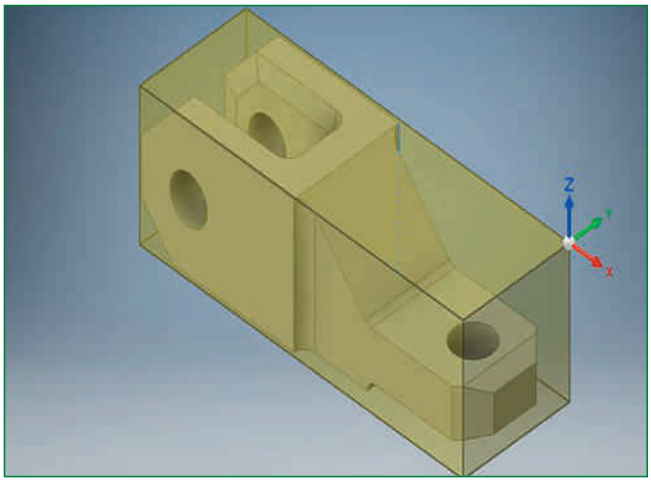
6.2 Painting in a cabin using high-pressure equipment:
- for oil, synthetic, epoxy and polyester paints
- dimension 4 x 15 x 3.8 m

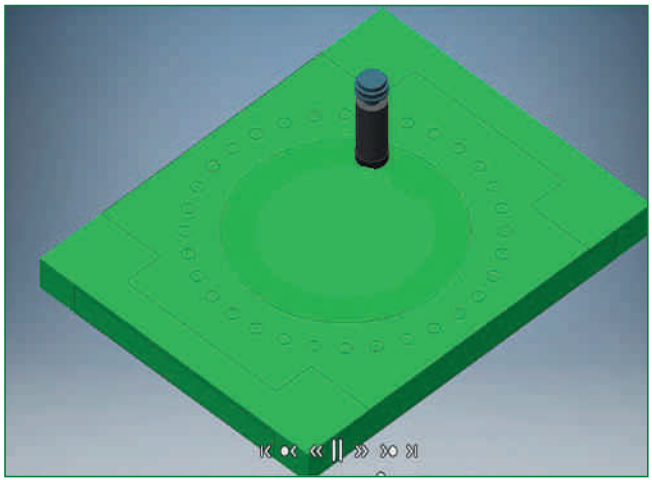
COMPUTER SUPPORT

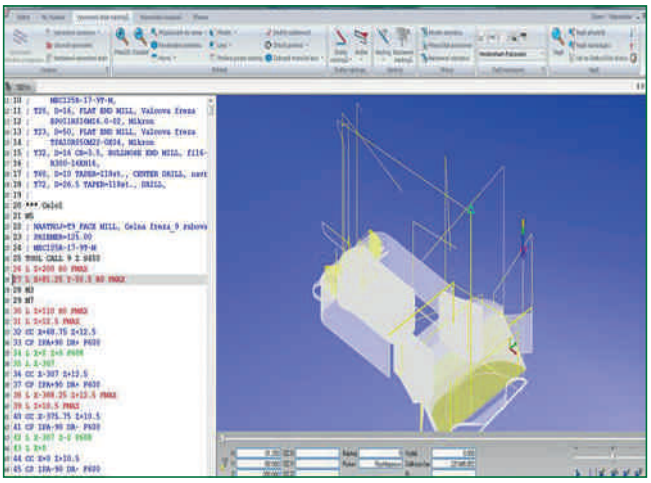
In order to make production more efficient, INVENTOR CAD CAM from Autodesk was introduced.

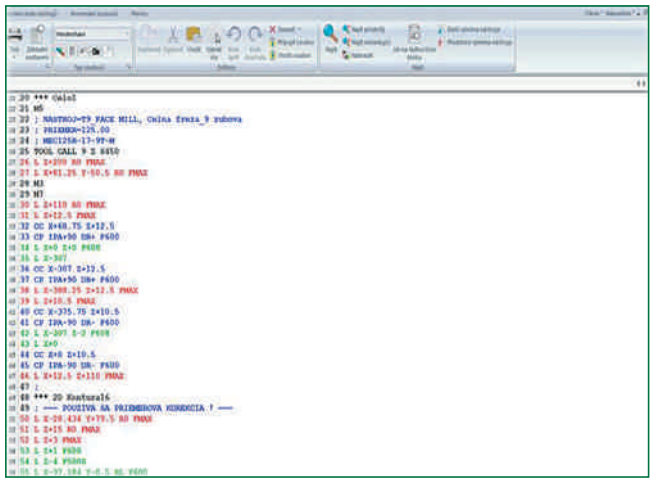












SYSTEM CERTIFICATION

ZERTIFIKAT ◆ CERTIFICATE ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

IAF · SNAS Reg. No. 153/Q-011 · TÜV SÜD Slovakia

CERTIFICATE

TÜV SÜD Slovakia s.r.o.
Certification Body for Management Systems
Accredited by SNAS
Certificate on accreditation No. Q-011
certifies that

GOHR, s.r.o.
Železničná 9
SK – 082 21 Veľký Šariš
IČO: 36 459 763

has established and applies
a Quality Management System for

Production of heavy steel constructions including their implementation for the field of engineering and water management constructions. Production and repair of technical pressure equipment.

An audit was performed, Report No. **0865/40/19/Q/AS/R4**
Proof has been furnished that the requirements according to

STN EN ISO 9001:2016

are fulfilled. The certificate is valid from **2019-10-24** until **2022-10-23**
Certificate Registration No. **Q 0865-4**

Bratislava, 2019-10-24

TÜV SÜD Slovakia s.r.o.
Certification Body for Management Systems
Member of Group TÜV SÜD
Jašíkova 6, 821 03 Bratislava

ZERTIFIKAT ◆ CERTIFICATE ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

IAF · SNAS Reg. No. 153/R-006 · TÜV SÜD Slovakia

CERTIFICATE

TÜV SÜD Slovakia s.r.o.
Certification Body for Management Systems
Accredited by SNAS
Certificate on accreditation No. R-006
certifies that

GOHR, s.r.o.
Železničná 9
SK – 082 21 Veľký Šariš
IČO: 36 459 763

has established and applies
an Environmental Management System for

Production of heavy steel constructions including their implementation for the field of engineering and water management constructions. Production and repair of technical pressure equipment.

An audit was performed, Report No. **0865/40/21/E/AS/R1**
Proof has been furnished that the requirements according to

STN EN ISO 14001:2016

are fulfilled. The certificate is valid from **2021-03-11** until **2024-03-10**
Certificate Registration No. **E 0865-2**

Bratislava, 2021-03-11

TÜV SÜD Slovakia s.r.o.
Certification Body for Management Systems
Member of Group TÜV SÜD
Jašíkova 6, 821 03 Bratislava

ZERTIFIKAT ◆ CERTIFICATE ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

SNAS Reg. No. 153/R-018 · TÜV SÜD Slovakia

CERTIFICATE

TÜV SÜD Slovakia s.r.o.
Certification Body for Management Systems
Accredited by SNAS
Certificate on accreditation No. R-018
certifies that

GOHR, s.r.o.
Železničná 9
SK – 082 21 Veľký Šariš
IČO: 36 459 763

has established and applies
Occupational Health and Safety Management Systems for

Production of heavy steel constructions including their implementation for the field of engineering and water management constructions. Production and repair of technical pressure equipment.

An audit was performed, Report No. **0865/40/21/B/AS/R1**
Proof has been furnished that the requirements according to

STN ISO 45001:2019

are fulfilled. The certificate is valid from **2021-03-11** until **2024-03-10**
Certificate Registration No. **B 10865-2**

Bratislava, 2021-03-11

TÜV SÜD Slovakia s.r.o.
Certification Body for Management Systems
Member of Group TÜV SÜD
Jašíkova 6, 821 03 Bratislava

CERTIFICATE
OF CONFORMITY
OF THE FACTORY PRODUCTION CONTROL

Registration number 1017 – CPR – 07.101.969, Revision No. 1

In compliance with Regulation (EU) No 305/2011 of the European Parliament and Council of 9 March 2011 laying down harmonised conditions for the marketing of construction products and repealing Council Directive 89/106/EEC, this certificate is issued for the construction product:

Steel structures of execution class to EXC 4 according to EN 1090-2

produced by:
GOHR, s.r.o.
Železničná 9, SK - 082 21 Veľký Šariš
Company Registration No.: 36458763

and produced in the manufacturing plant:
Železničná 9, SK - 082 21 Veľký Šariš

This certificate attests that all provisions concerning the assessment and verification of constancy of performance in the context of the system 2+ in the sense of Annex V, 1.3 of CPR and described in Annex ZA of the standard were asserted.

EN 1090-1:2009+A1:2011

and certifies that:

the factory production control system fulfils all the designated requirements

This certificate was first issued on 29.05.2014 and remains valid, as long as the test methods and/or factory production control requirements included in the harmonized standard, used to assess the performance of the declared characteristics, do not change, and the product, and/or the manufacturing conditions and technological procedures in the plant are not modified significantly.

Start of validity: 29.05.2014

Note: The scope of validity is listed in an annex which is an inseparable part of this certificate.

Prague, 30.06.2016

TÜV SÜD Czech s.r.o. NOTIFIED BODY 1017

on behalf of Notified Body 1017
Jana Bačinová
Head of Quality Department

TÜV SÜD Czech s.r.o. • Novodvorská 994 • 142 21 Praha 4 • Czech Republic • certification@tuv-sud.cz

TÜV®

ZERTIFIKAT ◆ CERTIFICATE ◆ 認証書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

CERTIFICATE

TÜV SÜD-W-1183.2020.001

Manufacturer: GOHR s. r. o.
Železničná 9
SK – 08221 Veľký Šariš

Plant(s): Železničná 9
SK – 08221 Veľký Šariš

The above mentioned company fulfils the

comprehensive quality requirements for fusion welding of metallic materials

according to

EN ISO 3834-2

Contract: 3305442

Valid until: August 2023

Munich, August 26, 2020

Certification Body
Material and Welding Technology
Klaus Schlottere

EQ3048079

TÜV SÜD Industrie Service GmbH, Westendstr. 199, 80686 Munich, Germany

TÜV®

ZERTIFIKAT ◆ CERTIFICATE ◆ 認証書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

CERTIFICATE

Welding of railway vehicles and components according to EN 15085-2

TÜV SÜD Industrie Service GmbH hereby certifies that the welding company

GOHR s.r.o.
Zeleznicna 9
882 21 Velky Saris
Slovakia

fulfills the requirements for the scope according to

EN 15085-2 classification level CL1
in the type of activity P, S

in the range indicated in the annex.

valid by 2023-11-23 until 2024-11-16

Certification Body
Material and Welding Technology

EQ3068784

TÜV SÜD Industrie Service GmbH, Westendstr. 199, 80686 Munich, Germany

TÜV®

ZERTIFIKAT ◆ CERTIFICATE ◆ 認証書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

OUR PRODUCTS

Screening machine

Gantry for tunneling industry

Chassis of boring rig

Separation plant

Cable reel

Mineral resource crusher

Feed pipe for hydroelectric power plant

CSC Container frame

Chasis for crane

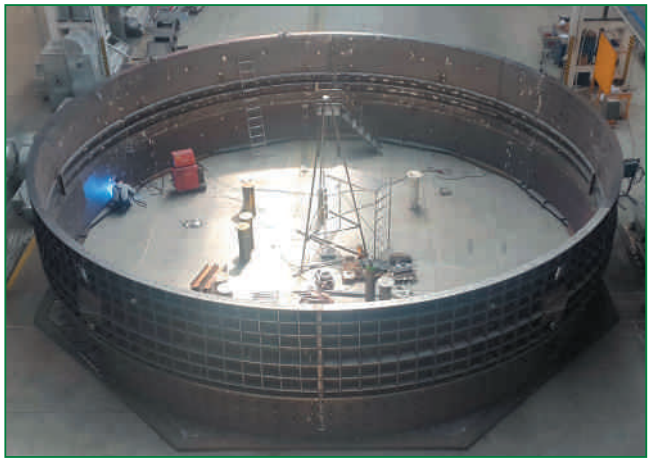
Chassis

Screen drum

Base frame

Vacuum vessel for metallurgical industry

Production equipment for aluminium works



Tunnel armature

Screening machine

Gantry for tunneling industry

Mixer for sugar beet

PROJECT OF MACHINERY ACQUISITION IN 2015

This project was implemented with support of

EUROPEAN UNION

European Regional Development Fund

Investment for your future

OPERATIONAL PROGRAMME
COMPETITIVENESS
AND ECONOMIC GROWTH

Increase of competitiveness of GOHR, s.r.o. by introduction of new innovative technologies

Beneficiary: GOHR, s.r.o.
Amount of the provided non-repayable financial contribution: EUR 444,700.00




www.economy.sk www.opkahr.sk www.siea.gov.sk

The company has obtained 50 %, i.e. EUR 444,700 from the value of the purchased technology within the operational programme "Competitiveness and Economic Growth" implemented with the support of the EUROPEAN UNION and Regional Development Fund to increase competitiveness by introduction of new innovative technologies.

1. SPEED-BEND 6100x800 press brake, moulding force 800 tons, with length of pressing of 6,000 mm

2. CNC lathe machining centre C-TURN 315/3000, max. swing clearance of 770 mm, max. length of lathe machining of 3,000 mm

3. 3-axial vertical machining milling centre um MCV 2000i, max. fixing position is of 2,100x1000 mm, max. table load bearing capacity 2000 kg

4. Horizontal CNC boring machine WH 10Q CNC, Machining up to the weight of 3,000 kg, dimensions (mm): spindle Ø 100, X=1,250, Y=1,100, Z=940, W=630

PROJECT FOR REDUCTION OF THE ENERGETIC DEMAND 2017-2021

OPERAČNÝ PROGRAM
KVALITA ŽIVOTNÉHO PROSTREDIA

Európska únia
Európsky fond
regionálneho rozvoja

This project is co-financed with European Union

www.op-kzp.sk

Name of project: Measures for reduction of energetic demand of GOHR company

Main aim of the project: reduction of energetic demand during activity of factory´s building of the requestor via combination of selected investment measurements emerging from the energetic audit.

Beginning of the project´s realization:	**12/2017**	**Total eligible costs:**	**169 411,76 Eur**
End of the project´s realiziation:	**03/2021**	**Amount of provided non-repayable financial support:**	**144 000,00 Eur**

The main objective of the project is to reduce the energy requirements of an industrial building in the operation of the applicant's production building through a combination of selected investment measures resulting from the energy audit. The subject of the project is the implementation of three measures concerning the cladding of the building, the cladding of the roof and the replacement of windows and doors. To improve energy savings, the lighting system will be reconstructed and upgraded by replacing luminaires and energy-saving lamps to reduce the overall primary energy in an industrial building. The implementation of the project will significantly improve the thermal and technical properties of the building. Due to the project implementation, the production building will achieve a reduction in electricity consumption for the lighting of 78.8% in real terms, and it is possible to save up to 66.5% on heating. At the same time, the measures implemented will reduce the energy costs for the operation of the building in question by more than EUR 11 000 per year. The project will also contribute to environmental protection by reducing CO_2 emissions of 46.85t CO_2 / year.

GOHR

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www: www.eng.gohr.sk

GOHR sro