

EXPERTISE OF TODAY, INNOVATION OF TOMORROW.



STEIGER

www.steiger.ro

TRADITION AND INNOVATION - a bit of a company history

Our main references are: More than two decades of experience, nearly 80 employees and several regionally important industrial buildings.

In a nutshell, besides the above-mentioned achievements, it is worth mentioning our export activities, which have been developing dynamically along with our other values.

Our 100% family-owned company is committed to value creation (which is our corporate philosophy). We are proud to offer our contract manufacturing services that adjust to the quality needs of our clients. Besides, we take particular account of the need to maintain a reasonable and competitive pricing policy too.

OUR MISSION

We strongly believe that the key to a cleaner world and a more **sustainable** future is in the hands of each and every member of our **team**, this is why, every day we try by **honest** and **decent** work to earn the **respect** and trust of our partners, so that we can assure them for **long-term** the **flexibility** and impeccable **quality** of our services and products in the field of **steel structures** - and custom **machine manufacturing**, as well as **industrial construction**.



Management System
Quality Requirements
Acc. to ISO 3834
www.tuv.com
ID: 9105075003



EN 1090-1
Factory Production Control
www.tuv.com
ID: 9105075003

+ EN 1090-2 EXC4



EN 15085-2 CL1



Certified by
ISO 9001 & ISO 14001
ISO 45001
www.econcert.org

OUR PRIMARY GOAL IS TO PROVIDE CONTRACT MANUFACTURING SERVICES TO CLIENTS IN THE FIELD OF WELDED-MACHINED STEEL STRUCTURES.

OUR MILESTONES

In addition to our self-developed enterprise resource planning (ERP) system, our certifications and quality assurance procedures, our work is supported by state-of-the-art measuring instruments and advanced computer aided manufacturing technologies.

Besides our high precision machine park, our 5,8 meter hook height production hall equipped with 9 bridge cranes, our employees competence and commitment ensure the expertise and professionalism of our company.

2019

EN 15085-2 certification for welding of railway vehicles and components.

2015

Joining the dual vocational training system. Our company offers our trainees a stable setting for the training - the needed infrastructure and theoretical background and technical competencies.

2013

A new acknowledgment of our quality: ISO 3834-2 and EN 1090-1/-2 certification. Execution class 4, CE Mark.

2012

Starting to export, the first expansion to markets beyond our borders.

2009

ISO 9001+14001+45001 integrated certification.

2005

ISO 9001 certification.

1994

Steiger László and his wife Ilona establish the company in 1994.



TECHNOLOGICAL INFRASTRUCTURE

Our four-bay production hall provides the needed equipment and technical conditions for high quality production. Also, our high-precision modern machines make our production lines capable for small to medium size serial production.

STEEL STRUCTURE MANUFACTURE

Our company has significant experience in manufacturing welded steel structures. The verification of quality in each work phase stabilizes the entire manufacturing process.

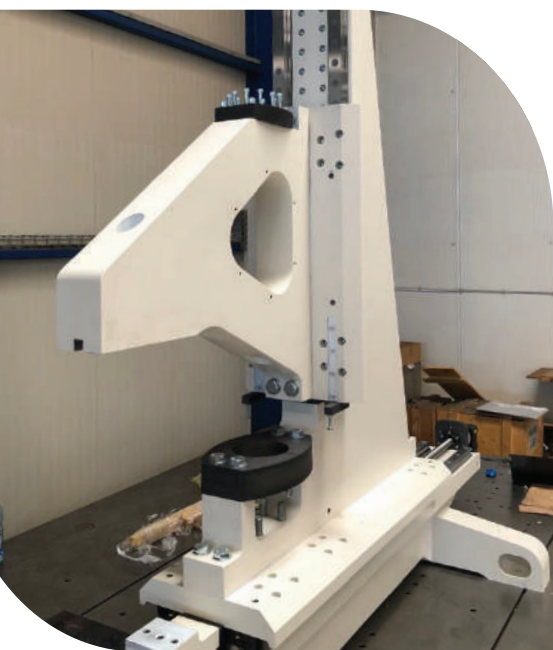
- THINGS WE ARE MOST PROUD OF**
- Manufacturing, installation and cladding of one of the highest steel structure industrial building (42 m) in North-West Transylvania.
 - Manufacturing, installing and cladding of a 43 m free span production hall.



WELDED-MACHINED STRUCTURES

- Manufacturing of process equipment (e.g. transformer components, industrial filtration devices) from raw material procurement until final test-runs.
- Manufacturing of machine components and devices.

As a supplier for the machinery manufacturing industry we undertake the manufacturing of welded-machined structures from raw material procurement until the final phases.



- Testing, verifications (with portable coordinate measuring devices - measuring arm, laser tracker)
- Surface treatment (blasting, airless spraying)
- Packing
- Raw material procurement
- Processing, such as cutting, bending, rolling
- Assembling, welding by certified welders
- Other special machining and production of unique pieces on CNC machines

MACHINING CAPABILITIES

MACHINE FUNCTION

5-axis CNC Gantry milling machine
3+2-axis CNC Horizontal milling machine
with NC rotary table
3-axis CNC Milling machine
3-axis CNC Milling machine
3-axis CNC Vertical milling centre
5-axis CNC Vertical milling centre
3-axis CNC Milling machine

Single spin drill line with milling functionality
Pneumatic Tapping Machine
Lathes traditional 2 buc.
Frontal lathe traditional frontal

X,Y,Z TRAVELS [MM]

12000, 4000, 1500
12000, 1250, 3500

3000, 1000, 1500
2500, 950, 700
1200, 610, 500
750, 610, 500
760, 430, 460

SPECS

12000, 1100, u (milling) 100
M3-M24, 400-115 rpm
Ø350 x 1500 mm
Ø1000 x 3000 mm

METAL PROCESSING

MACHINE FUNCTION

CNC plasma plate cutting machine
CNC oxy-fuel plate cutting machine
Semiautomatic Double column bandsaw
machine
NC Press Brakes
Rolling machine

SPECS

12000 mm x 4000 mm x 40 mm
12000 mm x 4000 mm / 120 mm

500 mm x 750 mm / -60°-60°
400 ton 5000 mm / 15 mm
2500 mm / 15 mm

Also: horizontal and vertical bandsaw machines, circular saws, sheet metal shear (3000 mm / 6 mm), drilling machines, eccentric presses (up to 63 t), manual bending, cutting machines, straightening press (200 ton), handheld and portable chamfering machines (up to 50 mm).

CORROSION PROTECTION

SURFACE PREPARATION

Shot Grit Blasting conforming to
standard of cleanliness ISO8501-1
Blasting Cabin dimensions
Length: 14 m
Width: 5.5 m
Height: 5 m

COATING

Industrial Airless Spray Painting
350 sqm enclosed, heated paint shop
with filtered exhaust system.

In 2024 we will be able to provide a wider range
of services once our paint cabin is built.

WELDING COORDINATION

WELDING PROCESSES

Gas Metal Arc Welding Gas
Tungsten Arc Welding
Submerged Arc Welding
Shielded Metal Arc Welding

IN-HOUSE NONDESTRUCTIVE TESTING

Visual Examination - level II (VT2)
Liquid Penetrant Testing - level II (PT2)

WPS

Detailed documents elaborated by the Welding Inspectors giving direction to welders in order to produce welds of high quality and resistance.

WPQR

Over 20 certified Welding Procedure Qualification Records

EXTERNAL NONDESTRUCTIVE TESTING

UT (ultrasonic) + X - ray

CERTIFIED WELDING INSPECTORS

2 International/European Welding Engineers
2 International Welding Practitioners

CERTIFIED WELDERS

10 properly trained welders
certified by TÜV Rheinland conform ISO 9606-1



METROLOGY

Dry Film Thickness Paint Meter - Elcometer 456 Coating Thickness Gauge
Coating Adhesion Tester - Elcometer 107 Cross Hatch Cutters and Adhesive Tapes
Surface Dust Tester - Elcometer 142 Dust Tape Tester
Interior/exterior micrometers, calipers, dial indicators, weld measuring calipers, angle meters, surface roughness testers.



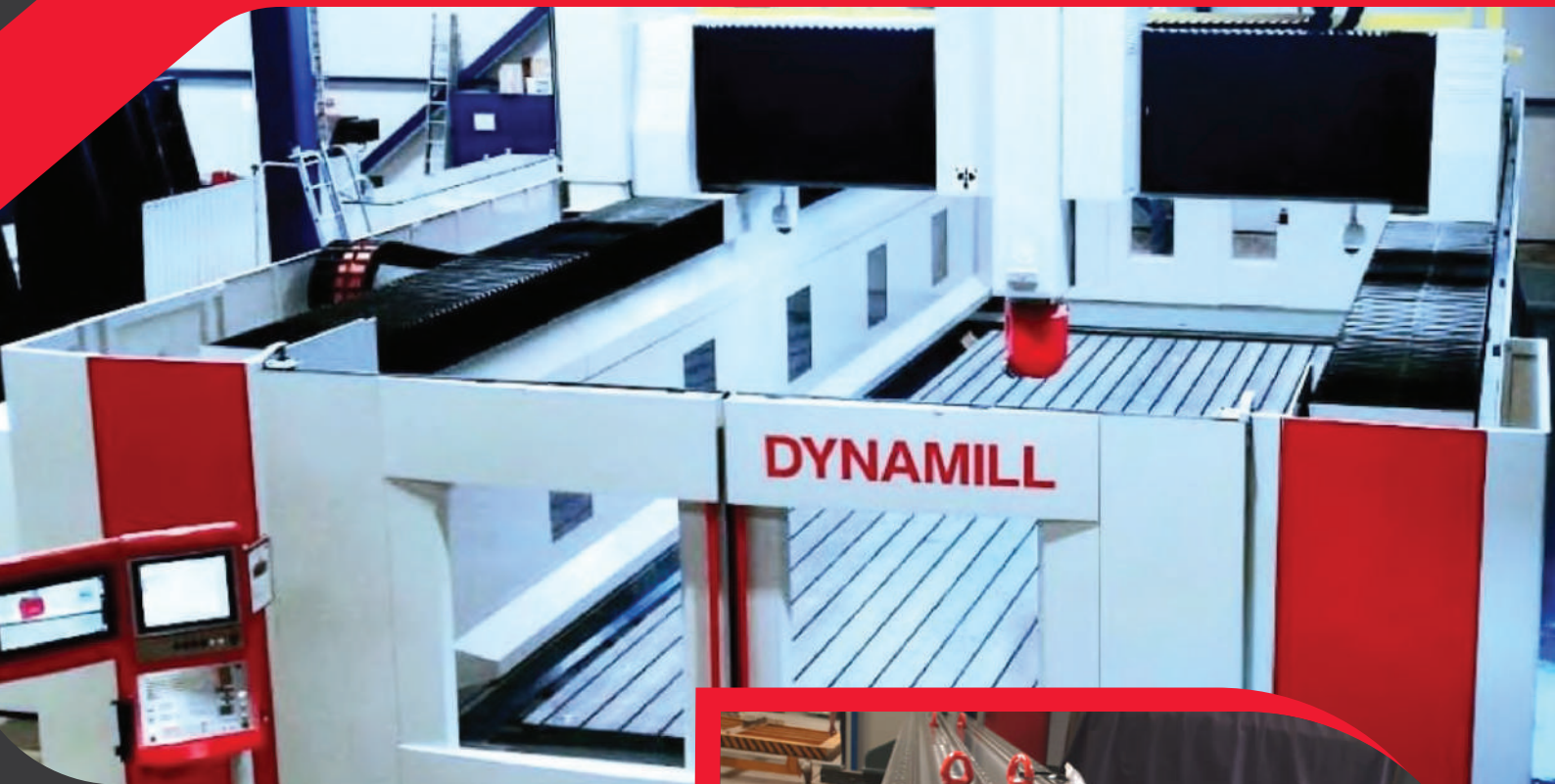
PORTABLE COORDINATE MEASURING MACHINES (CMM)

Laser tracker Leica Absolute Tracker AT403
measurement volume between 0.8 m and 320 m (ø)

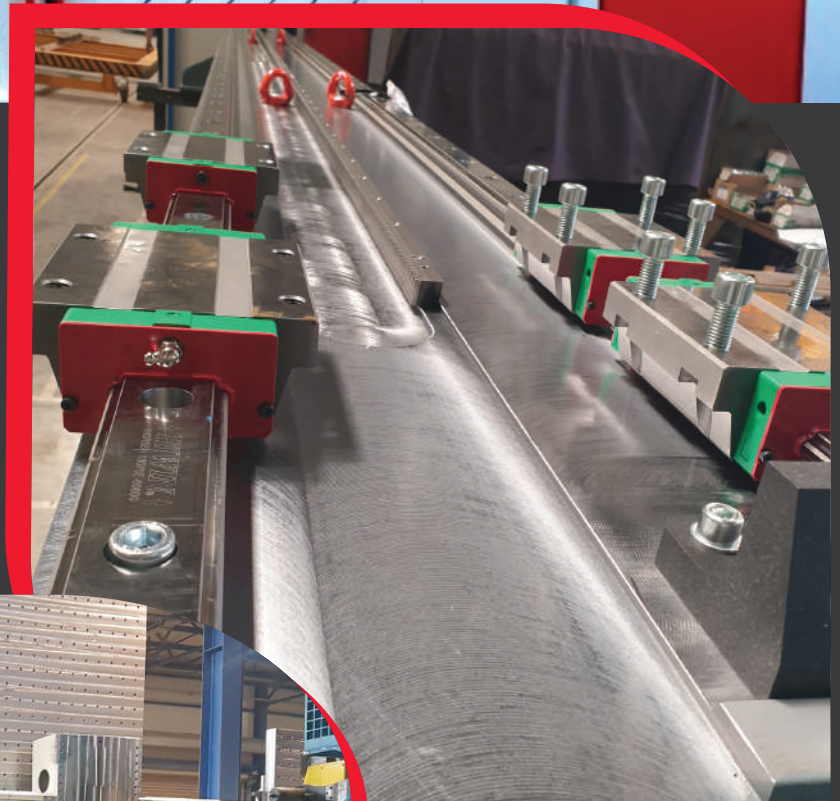
Portable measuring arm HEXAGON/ROMER
2.5 m working diameter with integrated laser scanner and tactile probing

PolyWorks® Metrology Suite 2018 IR8

5-AXIS CNC GANTRY MILLING MACHINE



X,Y,Z travels [mm]
12000, 4000, 1500
Machine available
from March 2020.



**3+2 AXIS CNC HORIZONTAL
MILLING MACHINE MECOF 206** X,Y,Z travels [mm]
12000, 1250, 3500



NC ROTARY TABLE

Heidenhain measuring
system and control
2000 mm x 2000 mm
360 rotation°
W=1400 mm
max. load: 14 t



**EMCO EMCOMILL 1200
3-AXIS CNC VERTICAL
MILLING CENTRE**

X, Y, Z travels [mm]
1200, 610, 500



**EMCO MAXXMILL 750
5-AXIS CNC VERTICAL
MILLING CENTRE**

X, Y, Z travels [mm]
750, 610, 500



SINGLE SPIN DRILL LINE WITH MILLING FUNCTIONALITY FICEP VICTORY 11

x=12000 mm
z = 1100 mm
u /milling= 100 mm

CNC PLASMA PLATE CUTTING MACHINE KJELLBERG HIFOCUS 280I HIGH DEFINITION

12000 mm x 4000 mm
Max thickness = 40 mm (S235)
Max cutting current = 280 A

OZYGAS up to 120 mm thick



SEMI-AUTOMATIC DOUBLE COLUMN BANDSAW MACHINE PEGAS HORIZONTAL X BAND SAW MACHINE

500 mm x 750
mm / -60°-60°

ROLLING MACHINE BIKO B3 2628

3 rollers
2500 mm Max.
thickness = 16 mm



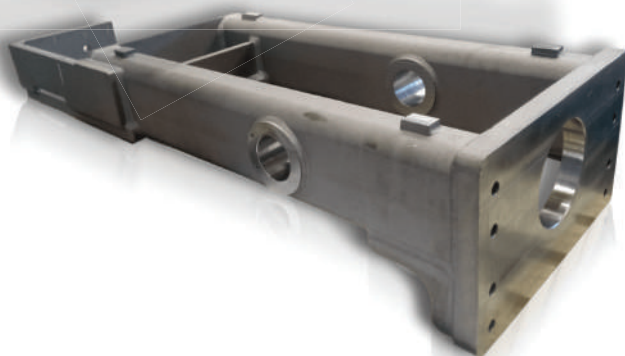
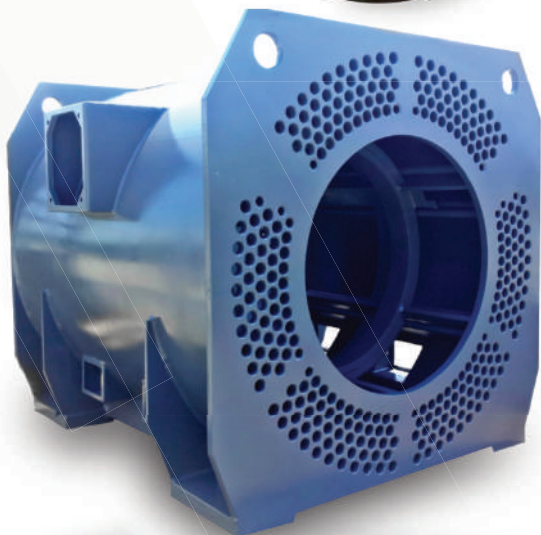
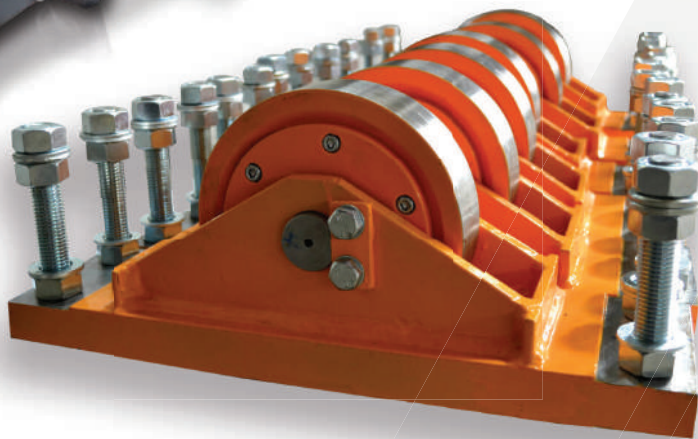
NC PRESS BRAKE CTO 400

P = 400 t gmax = 15 mm
5000 mm

BLASTING CABIN

SA2.5
Length 14 m
Width 5.5 m
Height 5 m









STEIGER

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INNOVATION OF TOMORROW.
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WHY CHOOSE US?

Our company is not simply a contractor, it's more of a professional partner of its clients. Our employees are characterized by good faith, openness and constructive communication which ensures a flexible cooperation and reliable partnership.

Our tailor-made solutions and concrete professional advice spare time and costs for our clients.

The technical competence of our team supports the common projects from the initial phase right until complete installation.



100%
family- owned
business



Nearly 80
committed
employees



Innovative
approach



Modern
production
infrastructure



6000 square
meter production
area



25 ton
lifting
capacity

