

MEGA-METAL

Shaping metal with passion

MEGA-METAL d.o.o.

Ob železnici 5 | 2342 Ruše – SI

www.mega-metal.si



ISO 3834 Part 2
Certificate n° – SI136



BUREAU
VERITAS



ISO 9001:2015

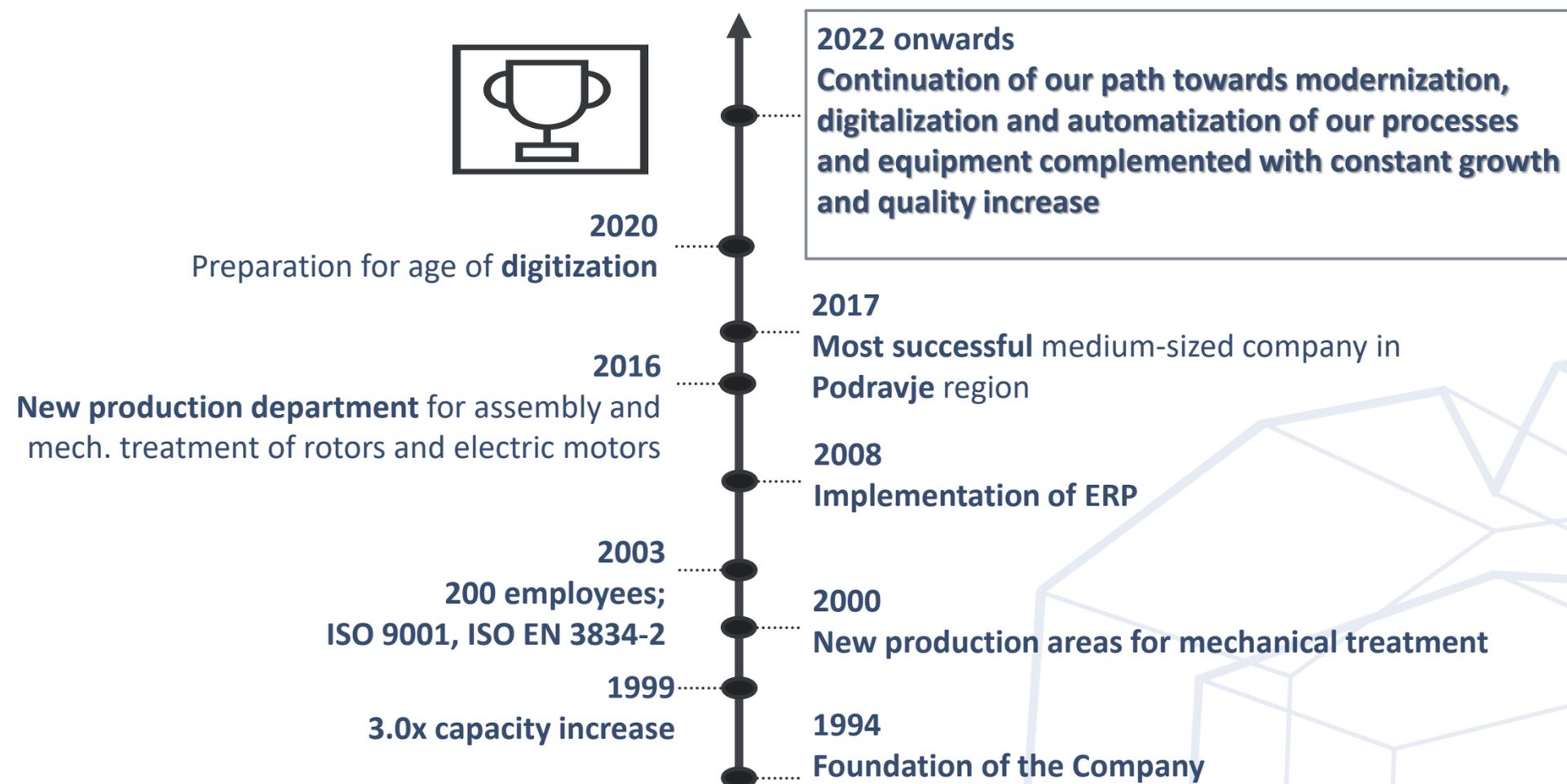


BEST ENTERPRISE
OF PODRAVSKA REGION 2016

History and development

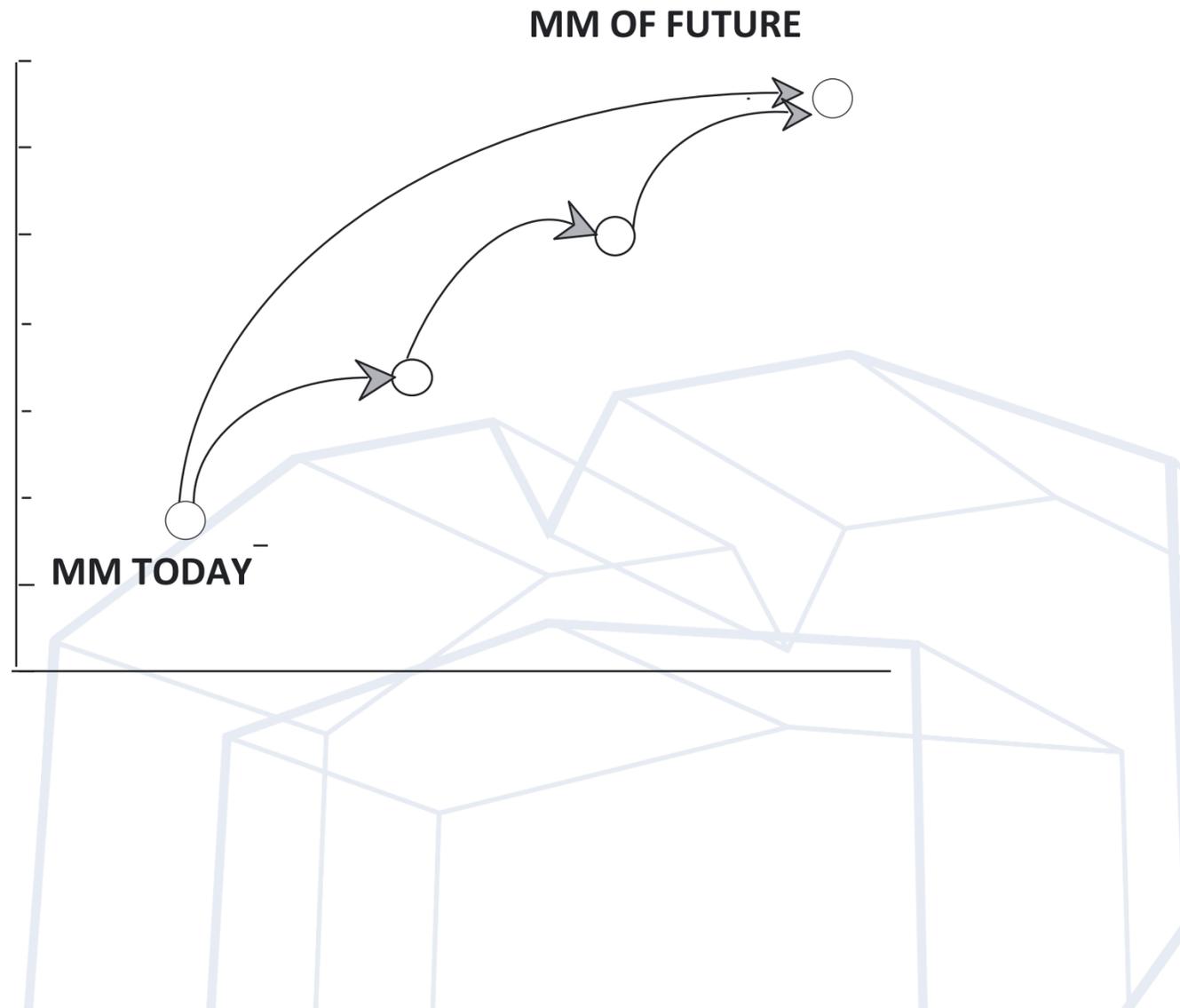


Brief company overview



- **Mega-Metal d.o.o.** is a family-owned business, which has been **successfully developing** and continuously growing since its establishment in 1994.
- We have grown into a company with over **270 skilled workers**, with over 13,500 m² production areas, distributed in preparation, assembly, welding, annealing, sandblasting, painting, mechanical treatment and final control.
- Our products range from simple 100 kg pieces to complex pieces with several hundred positions, with maximum dimensions 3,0 x 3,5 x 14,0 m and 20 tons.

Medium-sized enterprise 2.0



SUCCESSION PLANNING PROVIDES A FIRM FRAMEWORK

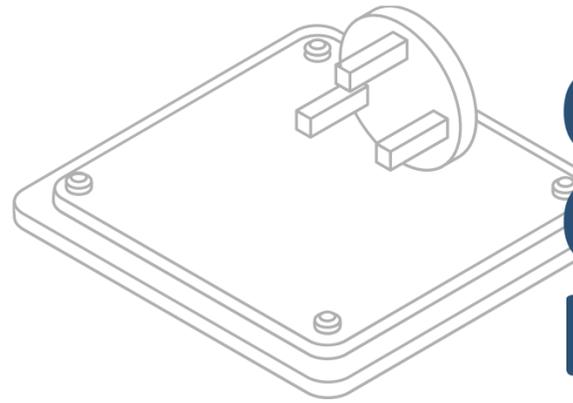
Founder of the company stepped down after a successful journey in late 2021.

BEST OF BOTH WORLDS

Professional management with no agency problem. Mr. Emir Osmanović took the role after senior directorship position with the leading global automotive company. Professional board in place in charge of commercials, operations and finance.

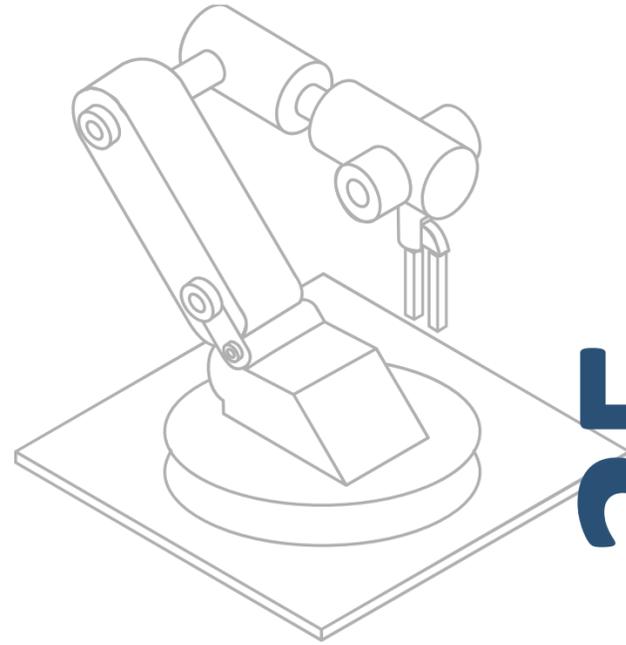
BETWEEN EAST AND WEST

We continue to offer quality to our partners in Western Europe with craftsmanship from South-East Europe



Machining surfaces

13.500 m²



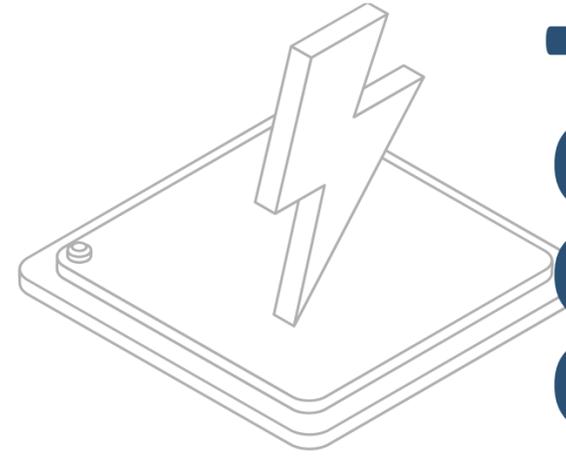
Modern machining machines up to 3.500 x 3.500 x 14.000 mm

25



Experienced employees

250+



Working hours per month

50.000 h

Portfolio is divided into electro and mechanical programs with premium customer base, dominantly from Western Europe

Production blueprint and portfolio

Production blueprint

Mega-Metal 1

Construction

Preparation

Rotor manufacturing

Assembly

Welding

Heat treatment

Sandblasting

Grinding

Concrete filling

Inspection

Coating

Mega-Metal 2

Programming

Workshop

Milling

Turning, grinding

Vertical turning

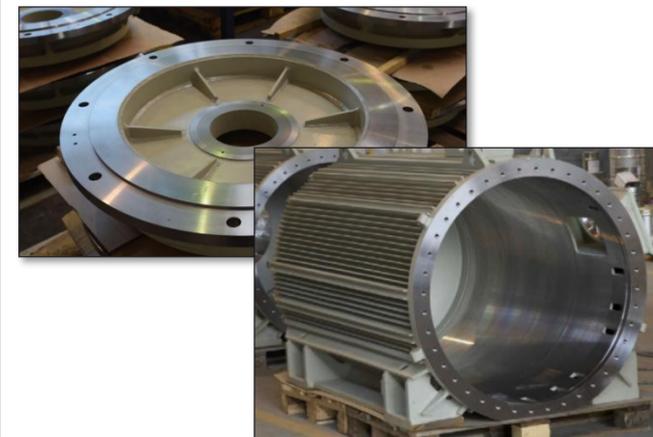
Inspection

Key products and customers

Electro program

Key product groups:

- Components for electric motors
- Housing
- Bearing shields
- Stator segments



Mechanical program

Key product groups:

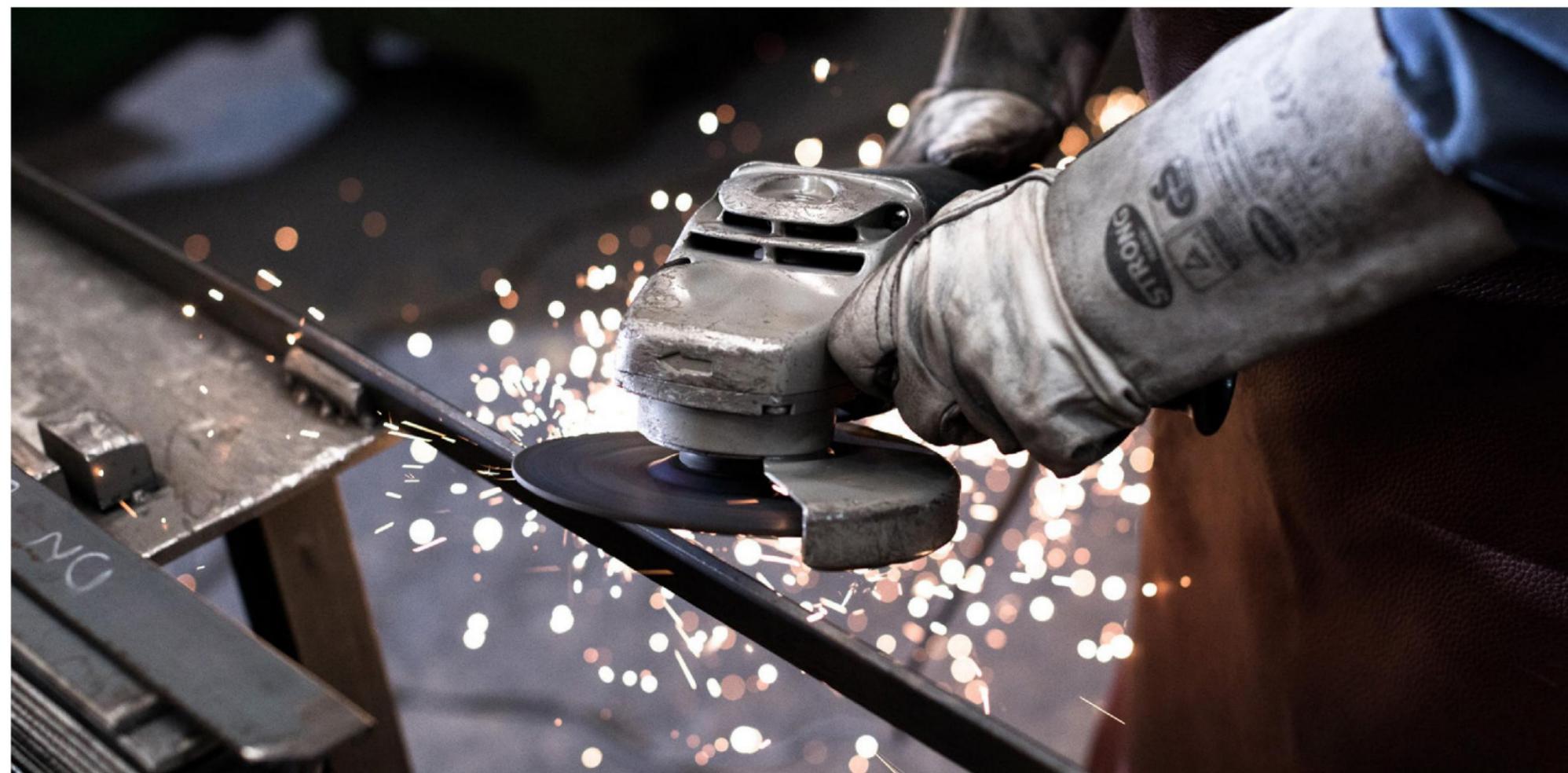
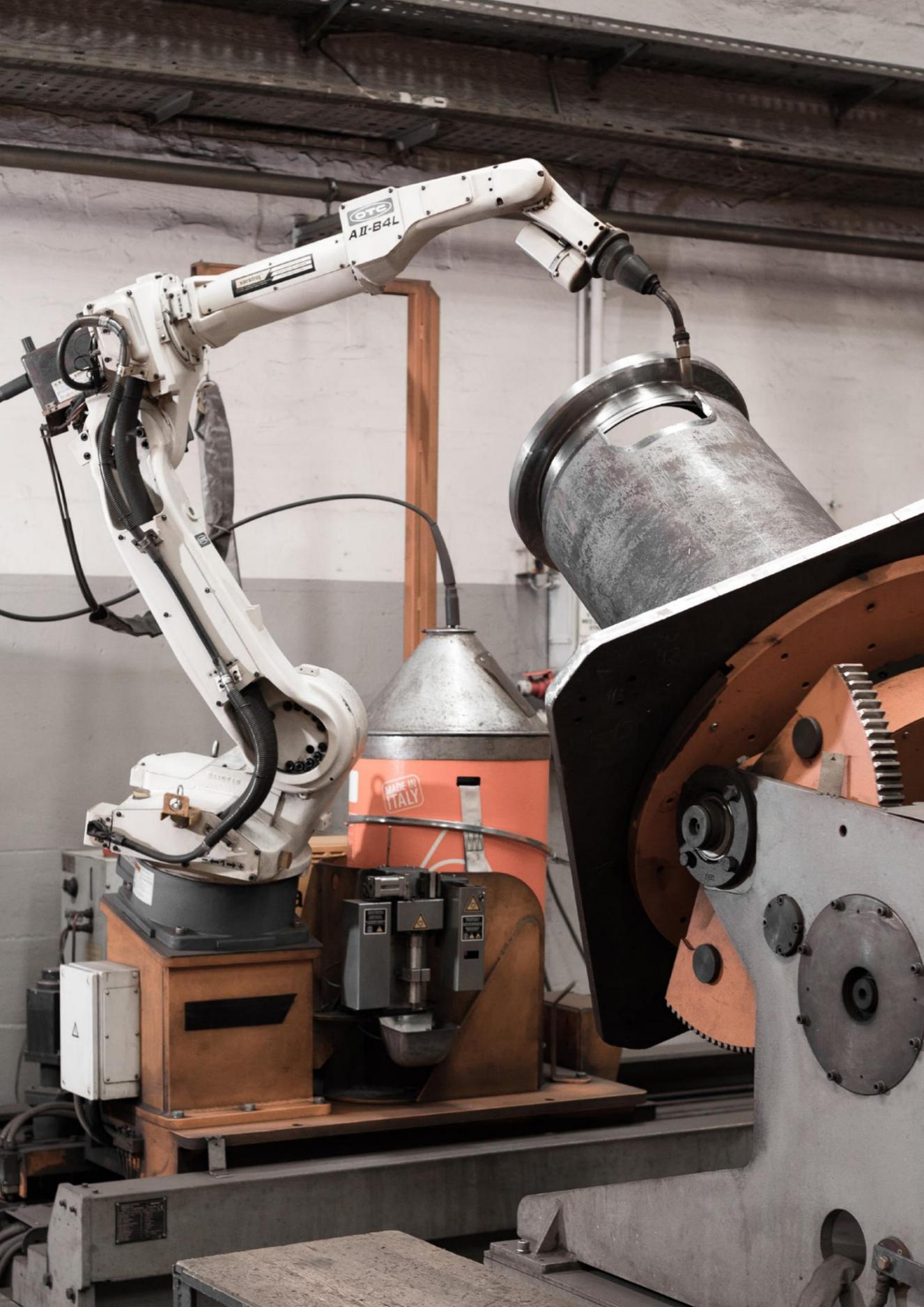
- Constructions of machining centers (machine bases)
- Components for machines (stands, sleds, cases, etc.)





MEGA-METAL I

VERWALTUNG SCHWEISSEN





MEGA-METAL II

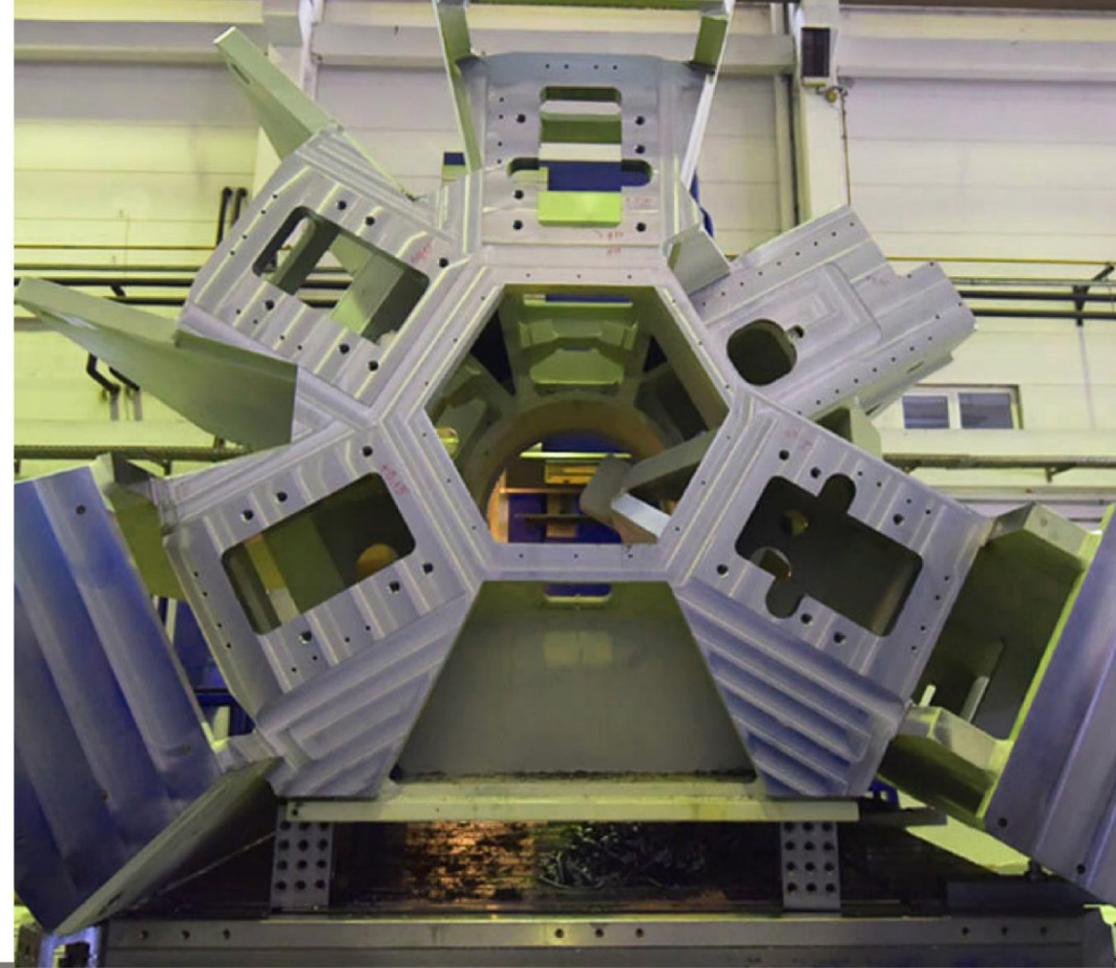
MECHANISCHE BEARBEITUNG



MASCHINENSOCKEL

5030 x 2440 x 1435 mm,

6700 kg



GEHÄUSE

2500 x 2247 x 2010 mm,

8030 kg

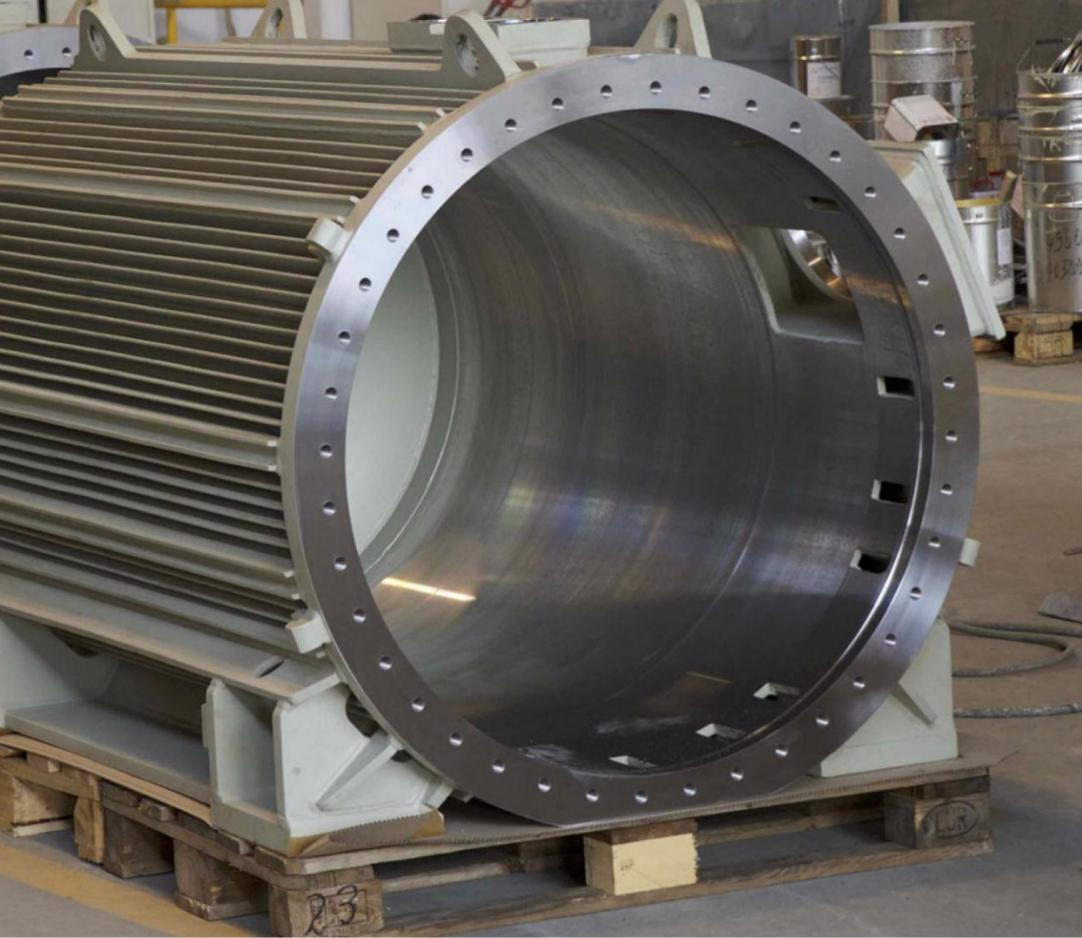


MASCHINENBETT

3795 x 1946 x 3215 mm,

10800 kg





ROTOR

610 x 610 x 2239 mm,

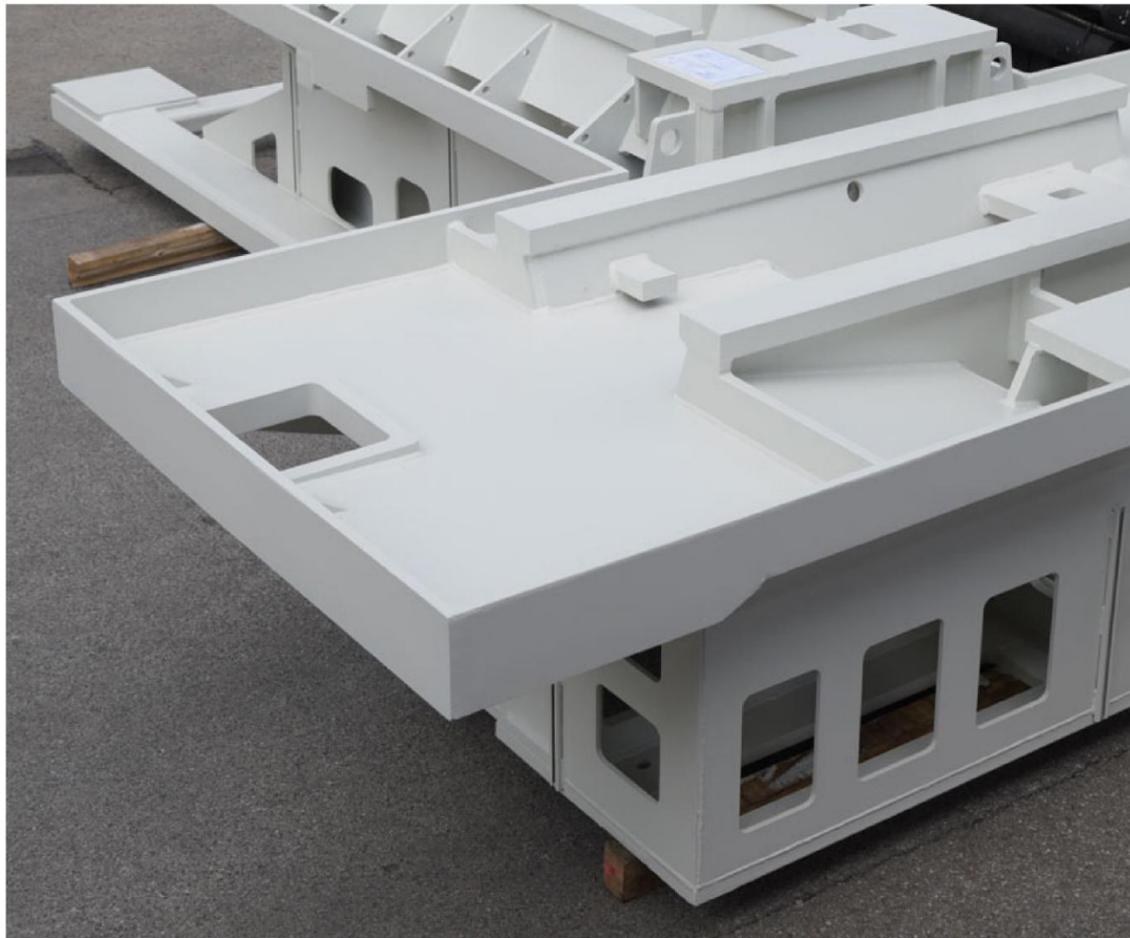
2320 kg



GEHÄUSE

1611 x 1206 x 1440 mm,

2400 kg



GRUNDEINHEIT

4465 x 2930 x 932 mm,

4650 kg

WELLE

ø 250 mm, L = 3000 mm,

900 kg



STATORSEGMENT

1707 x 1583 x 403,5 mm,

770 kg



STDR. GEHÄUSE GUSS

800 x 800 x 1270 mm,

620 kg



Rotor & stator production



Quality

14

Standards:

- DIN EN ISO 9000:2015
- SIST EN ISO 3834 Part 2
- BV mode II scheme

NDT qualification EN 473/ISO9712 – Level 2

- VT – visual examination,
- UT – ultrasound examination,
- MT – magnetic examination,
- pressure tests of welds.

Tolerances

- Milling 12000x4000x4000mm; 0,01mm; Ra1,6µm
- Turning (vertical) 3200x2800x2500mm; H6/h6; Ra1,6µm
- Turning (horizontal) 600x600x3100mm; H6/h6; Ra1,6µm
- Grinding of outer diameter (shafts) 600x600x3100mm; H6/h6; Ra0,8µm

- Surfaces of raw parts ISO 1302
- Flame cutting EN 10029: A or B
- Assembly ISO 13920
- Welding ISO 5817-C
- ISO 2553
- ISO 3834-3
- EN 287-1/ISO 9606
- ISO 1371
- Grinding, cleaning
- Sandblasting ISO 8501-1