



ONE GROUP – MANY POSSIBILITIES

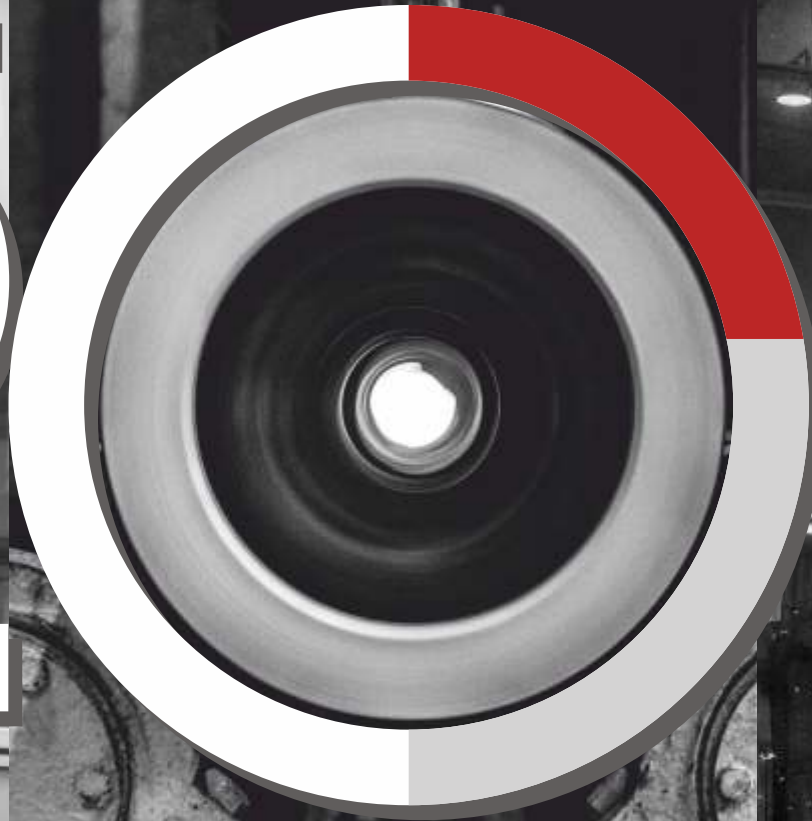


Casting, machining, painting and assembly of aluminium,
cast iron and steel parts



MORE THAN

2



YEARS

TRADITION AND EXPERIENCE

METAL TECHNOLOGY GROUP AD



MTG AD combines the tradition and the experience of leading Bulgarian factories, specialized in casting and machining of parts of aluminium, cast iron and steel

The production scope includes:

- Low pressure, counter pressure and squeeze casting of AISi based alloys
- Sand and no bake casting of grey and ductile cast iron
- Centrifugal casting of alloyed cast iron and Cr-Ni based steel



THE HISTORY

of Metal Technology Group AD



1973



The Alucom AD foundry was established in town of Pleven



1977



The Centromet AD foundry was established in town of Vratsa



1980



The Ossam AD foundry was established in town of Lovech

Metal Technology Group Angel Balevski Holding AD was established

1997



Both, Alucom AD and Ossam AD were privatized



Metal Technology Group
Angel Balevski Holding AD

1999

 METAL TECHNOLOGY GROUP

Centromet AD was privatized

Metal Technology Group AD
was established

2008

 METAL TECHNOLOGY GROUP

 members of MTG

Experience

Teamwork



The factories were certified to many international quality and process management standards

Professionalism
Traditions

2013

Quality

Investments



Major investments in production, machining, control and quality modernizing were realized

Modernizing
Improvement

2019





ALUCOM AD

a member company of MTG



Long experience and tradition in casting of AlSi alloys in accordance with EN 1706

- machine casting methods:
 - low pressure die casting
 - counter pressure die casting
 - squeeze casting (“liquid, semi-liquid” stamping)
- machining
- powder coating
- product assembly according to customer's requirements



ALUCOM AD

PRODUCTION SITE

Year of establishment: 1973

Total area: 59 685 sq.m.

Covered area: 30 783 sq.m.

Employees: 150



INDUSTRIAL APPLICATION OF THE PARTS



Energy sector



Hydraulics



Automotive industry



Marine industry



General machine building



Railway industry
and others

EXPORT ORIENTED COMPANY

Key markets:
Europe, Asia, North America

ENGINEERING SOFTWARE

AutoCAD, SIEMENS NX12

PRODUCTION SCOPE

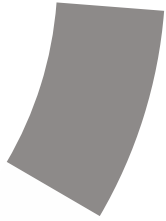
- Materials: AlSi based alloys
- Diameter: up to Ø1500 mm
- Height: up to 500 mm
- Weight: from 1 to 150 kg
- Wall thickness: min 4,5 mm
- Wall thickness for squeeze casting only: min 2,0 mm

MACHINING CAPABILITIES

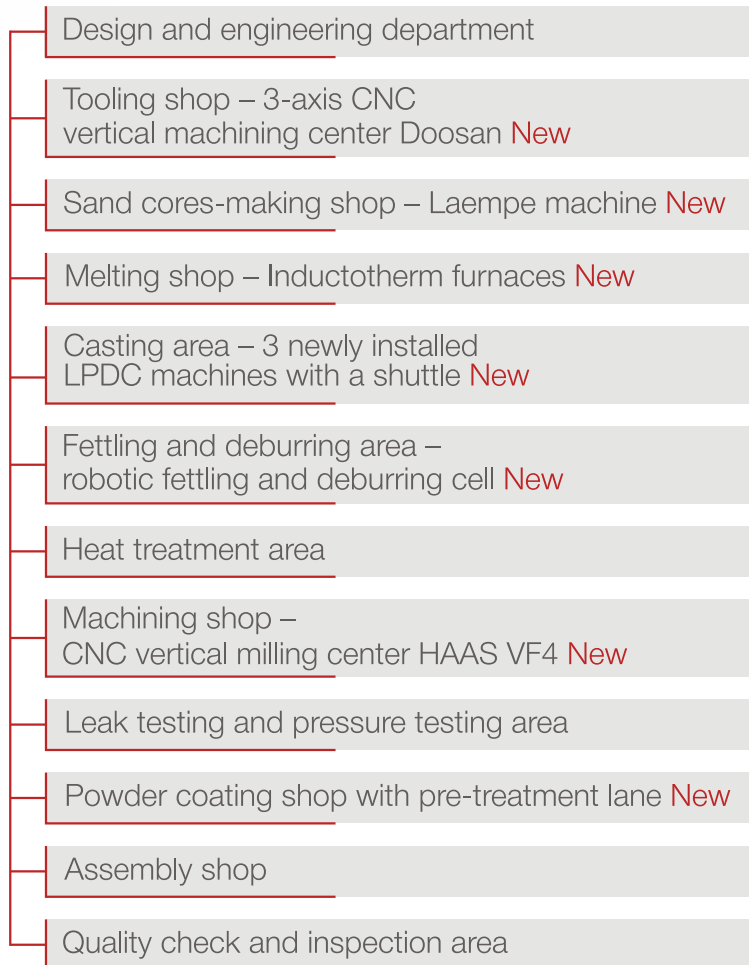
- Robotic fettling and deburring cell
- CNC lathes
- CNC vertical lathes
- CNC horizontal milling centers
- CNC vertical milling centers







CLOSED PRODUCTION CYCLE



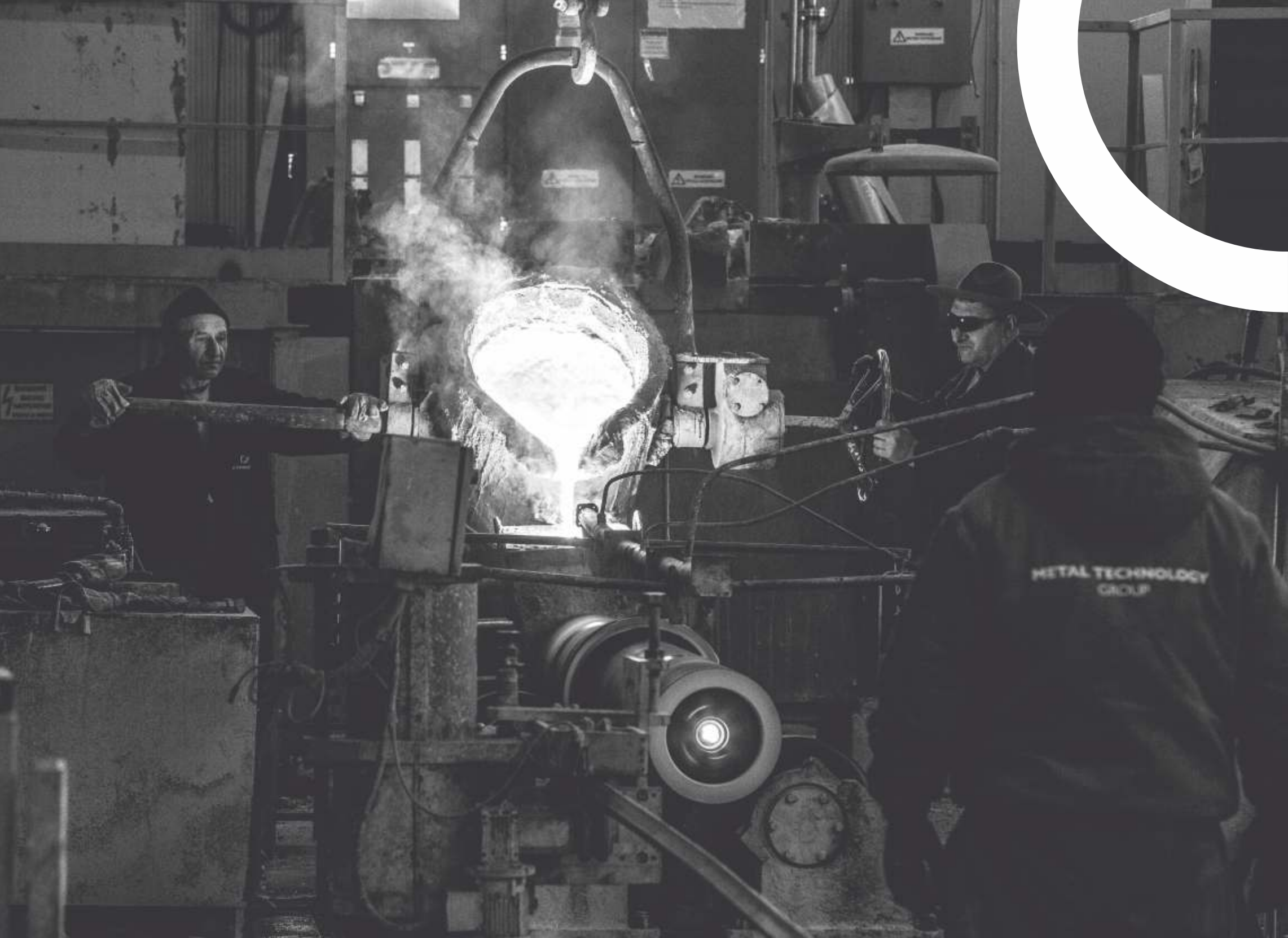
QUALITY CHECK AND CONTROL

- Helium leak testing of SF6 containing parts **New**
- 3D portable measurement arm
- 3D CMM
- X-ray system GE

QUALITY CERTIFICATES

- ISO 9001:2008
- IATF 16949:2016
- ISO 14001:2015
- BDS ISO 50001:2011





METAL TECHNOLOGY
GROUP



CENTROMET AD

a member company of MTG



Long experience and tradition in

- centrifugal casting of high alloyed Cr-Ni based steel and alloyed cast iron
- machining
- welding according to customer's requirements



CENTROMET AD

PRODUCTION SITE

Year of establishment: 1977

Total area: 22 317 sq.m.

Covered area: 9 462 sq.m.

Employees: 100



INDUSTRIAL APPLICATION OF THE PARTS



Chemical industry and energy

- centrifugally cast tubes
- nozzles
- tube assemblies



Shipbuilding, energy and railway industry

- cylinder liners for diesel engines and diesel generators



Ceramic and food industry

- bimetallic roller shells



General machine-building industry

- furnace rolls for metallurgical industry
- general machine-building parts

EXPORT ORIENTED COMPANY

Key markets:

Europe, Asia, Africa, Australia and New Zealand, North America

ENGINEERING SOFTWARE

CAD software

Kompas 2D



e-TOWER

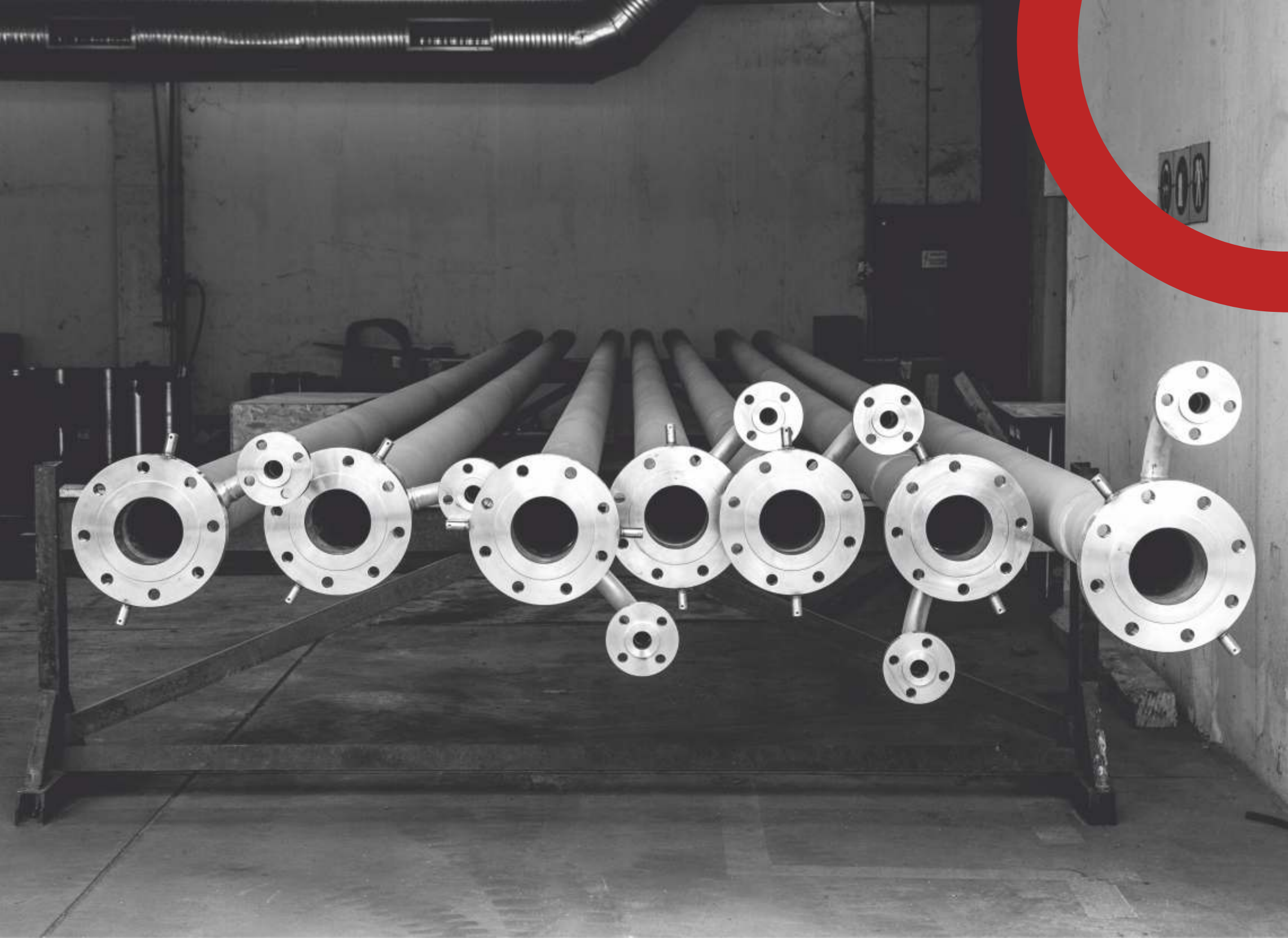
TOWER

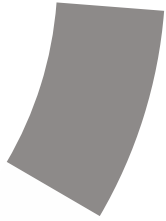
INTEGREX e-650H II

650H II

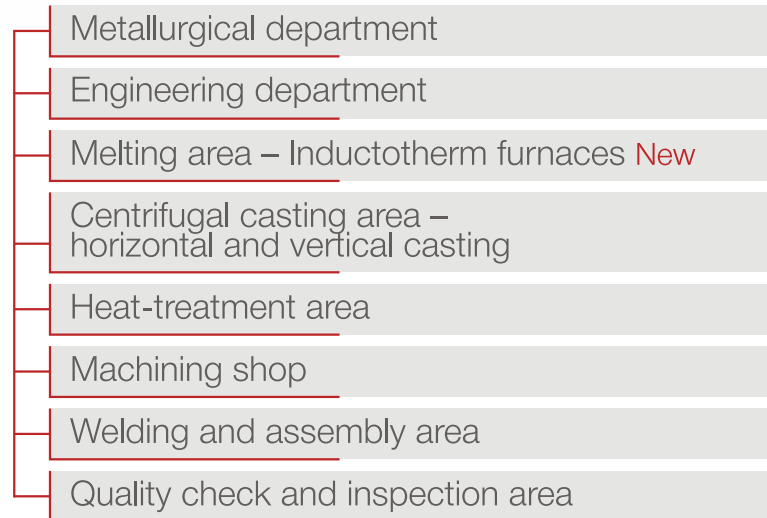
MAZATROL MATrix







CLOSED PRODUCTION CYCLE



QUALITY CHECK AND CONTROL

- 3D measuring arm *New*
- Spectrometer
- Mechanical testing equipment: tests conducted at normal and high temperature
- X-Ray control on weld and welds ends
- Ultrasonic control on tubes and tubes assemblies



MACHINING AND WELDING

- CNC lathe Mazak Integrex E-650H-4000U
- CNC vertical lathes
- CNC heavy duty lathe – Poreba
- Universal heavy duty lathes
- Universal lathes
- Deep hole drilling machines
- Vertical honing machine
- Welding devices
- CNC turning machines

QUALITY CERTIFICATES

- ISO 9001:2015
- ISO 14001:2015
- ISO 45001:2018
- BDS ISO 50001:2011
- TÜV certificate for manufacturer of materials according to Directive 2014/68/EU
- Lloyd's certificates for:
 - Producer of Spheroidal-graphite and Grey cast iron
 - Producer of Carbon, Stainless and Austenite steels







OSSAM AD

a member company of MTG



Long experience and tradition in

- machine sand moulding and no bake casting of cast iron
- machining
- liquid coating
- product assembly according to customer's requirements



OSSAM AD

PRODUCTION SITE

Year of establishment: 1980

Total area: 69 000 sq.m.

Covered area: 56 167 sq.m.

Employees: 220



INDUSTRIAL APPLICATION OF THE PARTS



General machine building



Water and Gas supply



Hydraulics



Railway industry



Industrial vehicles

- agricultural
- off-road and construction
- forklift trucks and warehouse equipment

EXPORT ORIENTED COMPANY

Key market – Europe

ENGINEERING SOFTWARE

Key Creator – Cubotek

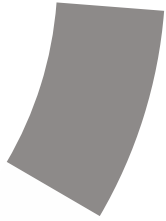
SIEMENS NX12

MAGMA 5.4





ROMER ABSOLUTE ARM



CLOSED PRODUCTION CYCLE



OSSAM AD

PRODUCTION SCOPE

- Material: ADI, grey and ductile cast iron
- Single weight of the castings: from 1 to 50 kg
- Max dimensions of the castings:
550 x 450 x 350 mm
- No bake casting; furan based flaskless moulding
Single weight of the casting: from 1 to 200 kg
Single castings up to 500 kg

PRODUCTION LINES

DISA MATCH 24/28

- 711 x 610 x 180/ 255 mm

Moulding lines with dimensions of the moulding boxes

- 750 x 630 x 250/ 320 mm
- 630 x 500 x 160/ 160 mm

MACHINING CAPABILITIES

- Universal lathes
- CNC milling centers
- Horizontal turning lathes
- 3-, 4- and 5-axes horizontal and vertical machining centers
- CNC lathes
- Automatic grinding machines

QUALITY CHECK AND CONTROL

- Spectrometer
- Mechanical testing equipment
- 3D CMM
- Laser 3D scanning *New*
- 3D measuring arm *New*

QUALITY CERTIFICATES

- ISO 9001:2015
- ISO 14001:2015
- BDS ISO 50001:2011
- TÜV certificate for manufacturer of materials according to Directive 2014/68/EU
- Q1 Certificate (DB)
- HPQ certificate (DB)





MTG
LEADING INDUSTRIAL MARKETS



MACHINE
BUILDING



CERAMIC
AND FOOD



AUTOMOTIVE



ENERGY



INDUSTRIAL
VEHICLES



CHEMISTRY



WATER SUPPLY
AND SEWAGE



MARINE



RAILWAY

MTG LEADING EXPORT REGIONS

• NORTH AMERICA

Canada, Mexico, USA

• EUROPE

Austria, Belgium, Croatia, Czech Republic, Finland, France, Germany, Greece, Hungary, Italy, Latvia, North Macedonia, Norway, Poland, Russia, Serbia, Spain, Sweden, Switzerland, The Netherlands, Turkey, UK, Ukraine

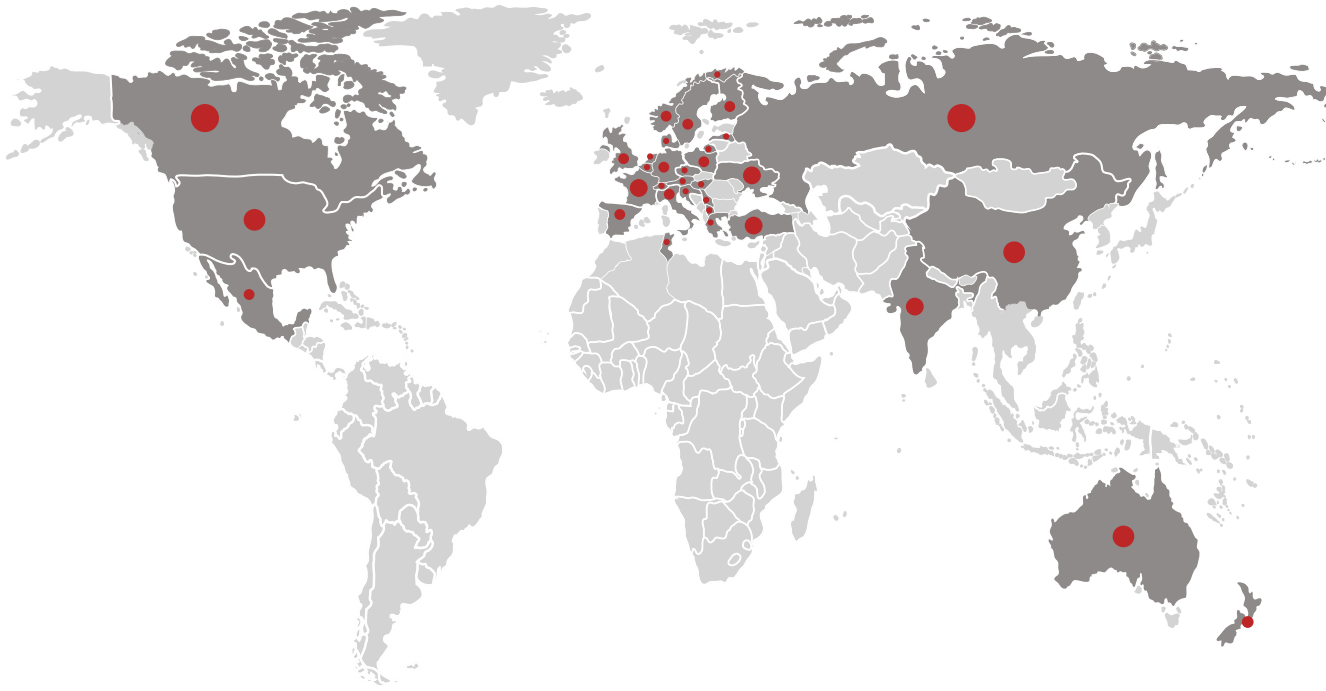
• ASIA

India, China

• AFRICA

Tunisia

• AUSTRALIA and NEW ZEALAND





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