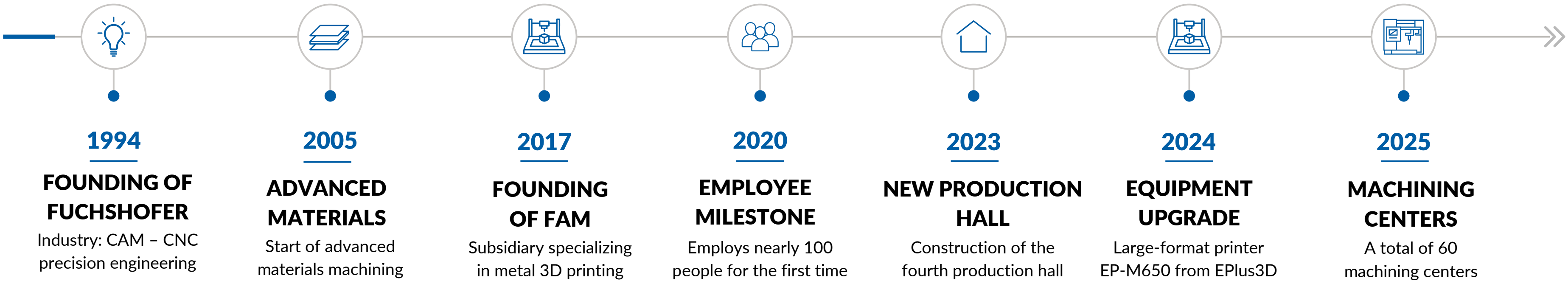




FUCHSHOFER
PRÄZISIONSTECHNIK

FUCHSHOFER PRÄZISIONSTECHNIK

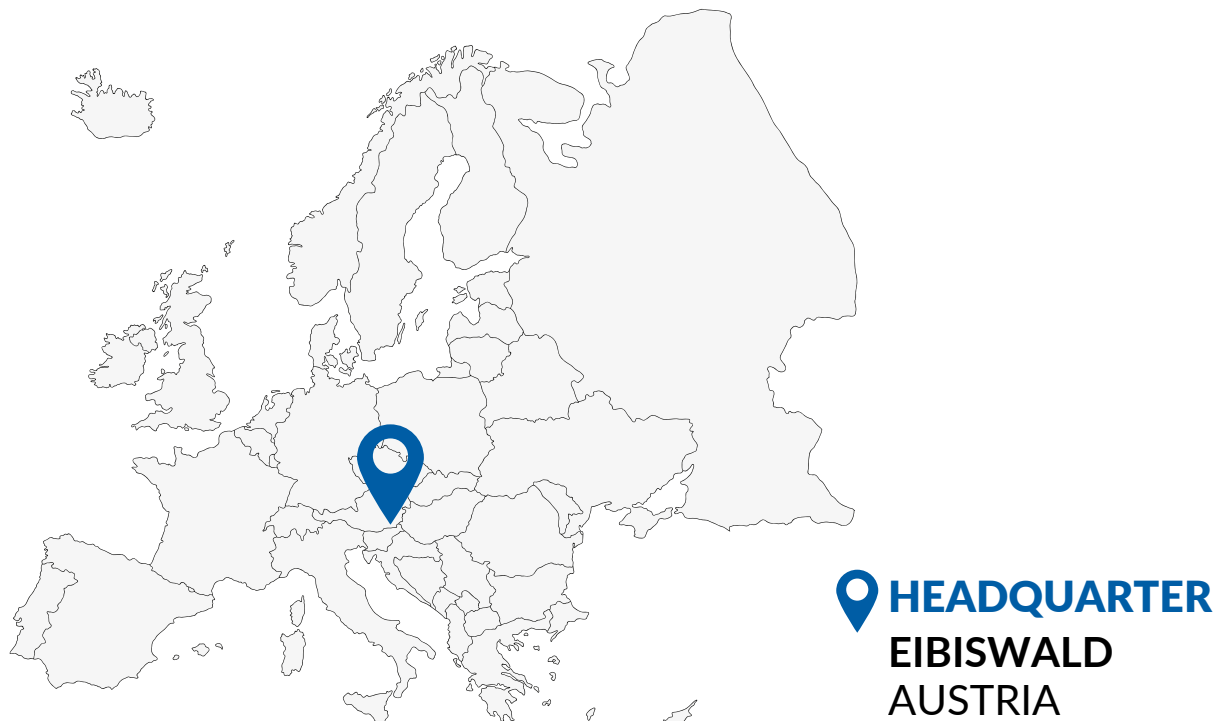
COMPANY HISTORY



1994
FOUNDED

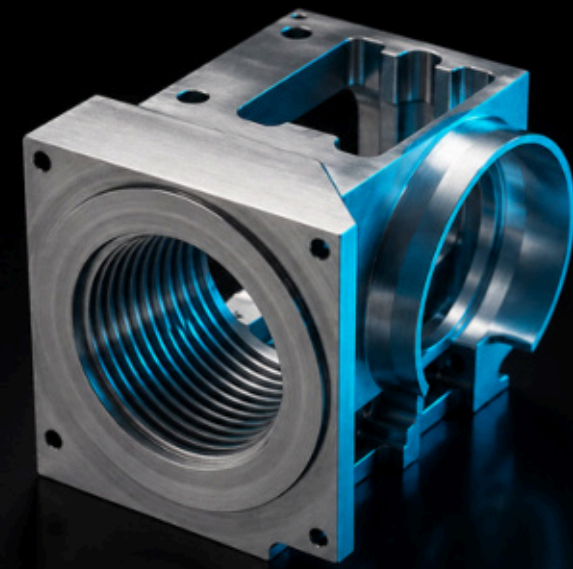
130+
EMPLOYEES
INCL. 10+ APPRENTICES

6000m²
PRODUCTION SPACE



OUR EXPERTISE

PRECISION. INNOVATION. PERFORMANCE.



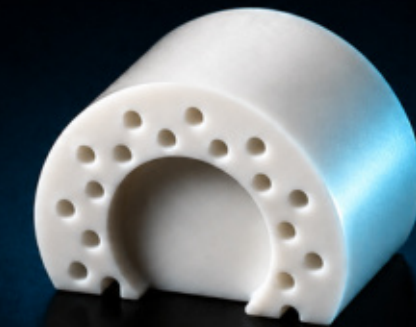
CNC Manufacturing

High-precision machining for complex components.



Metal Additive Manufacturing

From 3D printed metal parts to precision CNC finishing – tailored to diverse applications.



Quartz Glass Technical Ceramic

High-performance materials for extreme precision and durability.

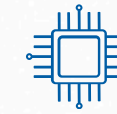
OUR AREAS OF APPLICATION



AEROSPACE



SPACE



**SEMICONDUCTOR
INDUSTRY**



**HIGH-QUALITY
MECHANICAL
ENGINEERING**



DEFENSE



CNC MANUFACTURING

PRECISION TURNING. COMPLEX MILLING.

01 TURNING & MILLING

- » Turning centers with up to 6 axes
- » Milling centers from 3 to 5 Axis

02 GRINDING

- » Flat grinding
- » Circular grinding

03 CAM & TOOLING

- » CAM system
- » Tool management



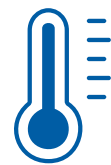
- » Aluminium
- » Stainless steels

- » Hardened Steels
- » Nickel Based Superalloy

- » Chrome
- » Titanium Alloys

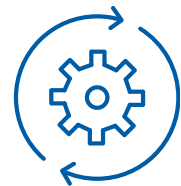
μm precise **MANUFACTURING**

KERN MICRO HD



OPTIMIZED

temperature management



INTEGRATED

linear motor drives



100% QUALITY

due to innovative
micro gap hydrostatics

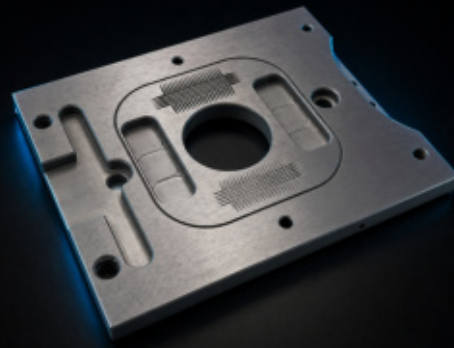


TECHNICAL CERAMIC & **ADVANCED MATERIALS**

Using specialized machinery, we process technical ceramics and high-performance materials with the highest precision while preserving their material properties.

NON-OXIDE CERAMICS

Silicon carbide (SiC)
Silicon nitride (Si₃N₄)
Aluminum nitride (AlN)



TECHNICAL GLASS

Quartz glass (SiO₂) | Borofloat

GLASS CERAMICS

ZERODUR® | Macor



OXIDE CERAMICS

Alumina (Al₂O₃) | Mixed oxides
Zirconia (ZrO₂)



SILICATE CERAMICS

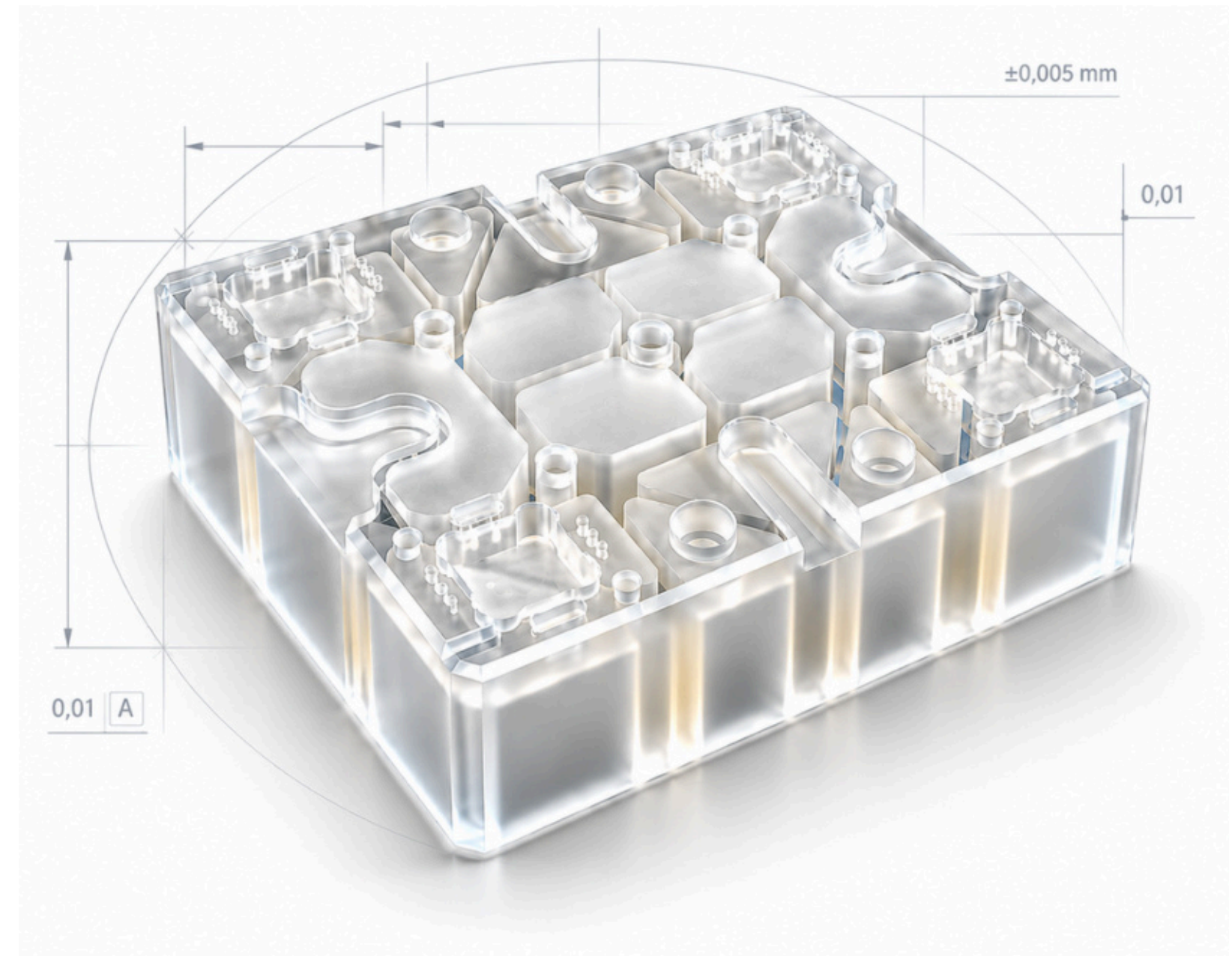
Cordierite | Steatite | Mullite

HARD METAL

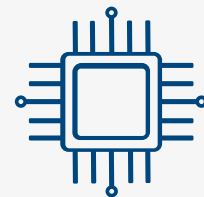
Tungsten carbide/cobalt
Cemented carbide for steel
machining
Cermets

OUR EXPERTISE

- 01 TECHNICAL CERAMICS**
Machining of technical ceramics and hard materials
- 02 ULTRASONIC PROCESSING**
Ultrasonic processing, mainly of non-oxide ceramics
- 03 GLASS CERAMICS & ZERODUR®**
CNC machining of glass ceramics & ZERODUR®



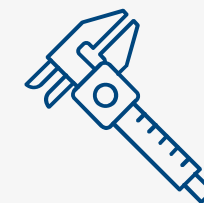
OUR AREAS OF APPLICATION



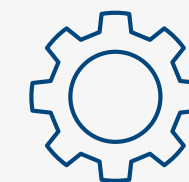
SEMICONDUCTOR
INDUSTRY



CHEMICAL
INDUSTRY



MEASUREMENT
TECHNOLOGY



CUSTOMER-SPECIFIC
PRODUCTION AREAS

CERAMIC PROCESSING MACHINERY

19x

ULTRASONIC
MACHINING CENTERS
(3 AND 5 AXIS)

800 x 630 x 550 mm
Maximum component size

12x

MACHINING CENTERS
(3 AXIS)

1020 x 700 x 500 mm
Maximum component size



01

ULTRASONIC GRINDING

Surface, peripheral and
contour grinding



02

ULTRASONIC DRILLING

Starting from Ø 0.3 mm



03

ULTRASONIC MILLING

3D contours, e.g. pockets,
grooves and slots

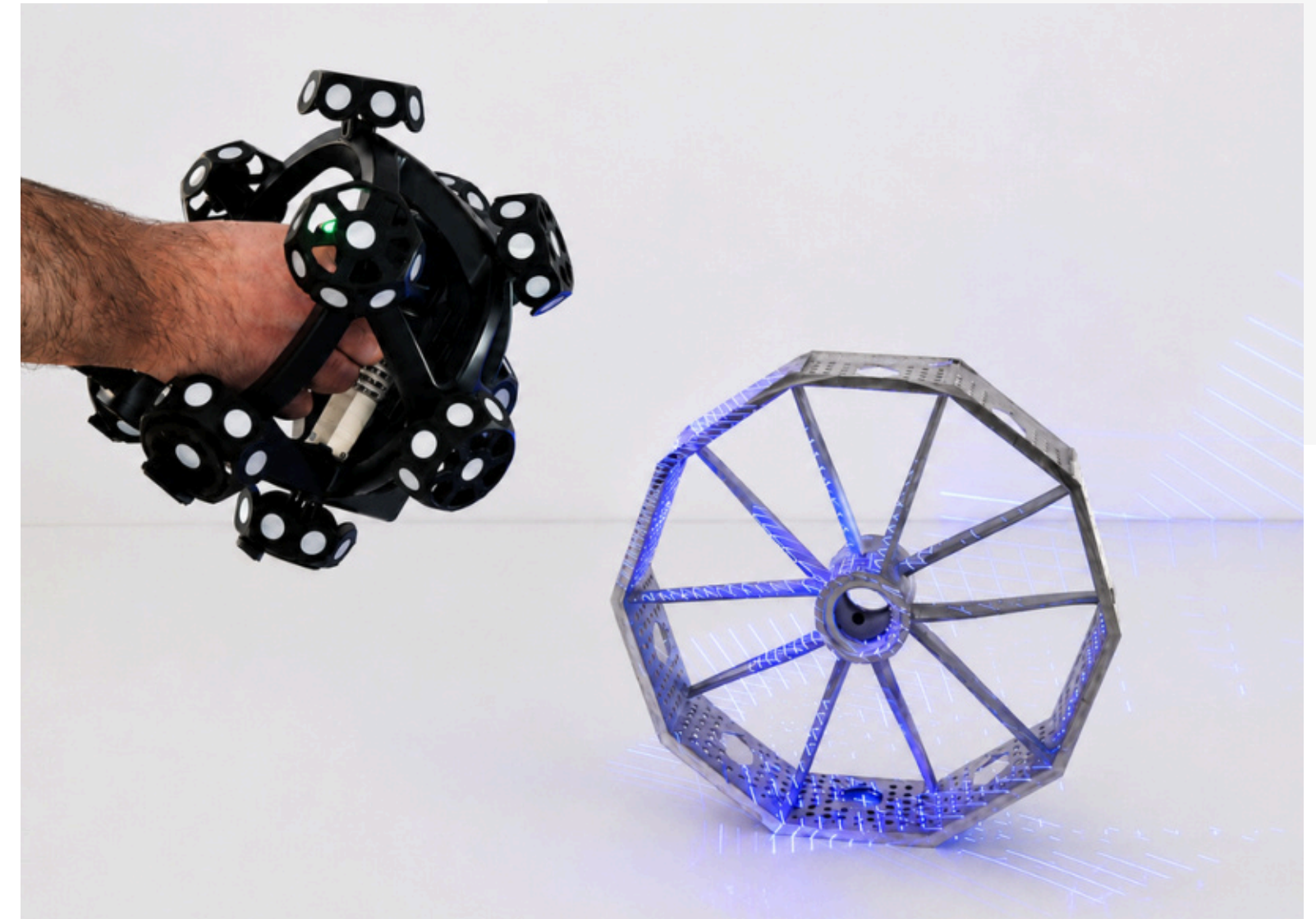
QUALITY & **METROLOGY**

MEASURING MACHINES

- » 3D Coordinate measuring machines
- » Conturograph
- » High precision FARO measuring arm
- » 3D scanner

TESTING

- » Crack Testing
- » Material Analysis



OUR
TECHNOLOGY



**EXACT COORDINATE
MEASUREMENT**



**3D
MEASUREMENT**



**LASER
MEASUREMENT**

MODULE **ASSEMBLY**



PROFESSIONAL
ASSEMBLY STANDARDS



TIME AND
COSTS SAVING



ACCELERATED
PRODUCTION PROCESSES



INCL. PURCHASING
AND LOGISTICS



IN HOUSE
ASSEMBLY



CERTIFIED – EN 9100, ISO 9001 & 14001

CONTINUOUS IMPROVEMENT OF OUR QUALITY PROCESSES

EN 9100

Avation, Space and Defense



ZERTIFIKAT • CERTIFICATE • CERTIFICADO • CERTIFICAT


Management Service

CERTIFICATE

Certificate Registration No.: 12 210 69833/01 TMS / Order No.: 725148508

The Certification Body
of TÜV SÜD Management Service GmbH
certifies that the organization

FUCHSHOFER PRÄZISIONSTECHNIK GMBH
Haselbach 100
8552 Eibiswald
Austria

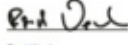
for the scope

Production and distribution of
precision turned and milled parts in 2D and 3D

has established and applies a Quality Management System.
An audit was performed in compliance with EN 9104-001:2013,
and has furnished proof that the requirements according to

EN 9100:2018
technically equivalent to AS 9100D and JISQ 9100:2016
for Aviation, Space and Defense organizations are fulfilled.
Include the standard DIN EN ISO 9001:2015 Quality Management System.

Issue date: 2025-10-02
Expiry date: 2028-10-01


Fried Wörke
Head of Certification Body
Munich, 2025-10-06



TÜV SÜD Management Service GmbH • Zertifizierungsstelle • Reibnitzstrasse 57 • 80339 München • Germany
www.tuv-sud.com/ta-certificates-validity-check



ISO 9001

Quality Management



ZERTIFIKAT • CERTIFICATE • CERTIFICADO • CERTIFICAT


Landesgesellschaft Österreich

CERTIFICATE

The Certification Body
of TÜV SÜD Landesgesellschaft Österreich GmbH
certifies that


FUCHSHOFER PRÄZISIONSTECHNIK GMBH
A-8552 Eibiswald, Haselbach 100

has established and applies
a Management System for

Assembling and trading of precision turned and milled parts
in the range of 2D / 3D machining

An audit was performed and proof has been furnished that the requirements
according to

ISO 9001 : 2015 and ISO 14001 : 2015
are fulfilled. The certificate is valid in conjunction
with the main-certificate until 2028-10-01
Certificate Registration No. QU1530519 / 02


Vienna, 2025-11-18



Certification Body
of TÜV SÜD Landesgesellschaft Österreich GmbH
Franz-Ortl-Strasse 1 • Arsenal, Objekt 207, 1030 Vienna, Austria



ISO 14001

Environmental Management



ZERTIFIKAT • CERTIFICATE • CERTIFICADO • CERTIFICAT


Landesgesellschaft Österreich

CERTIFICATE

The Certification Body
of TÜV SÜD Landesgesellschaft Österreich GmbH
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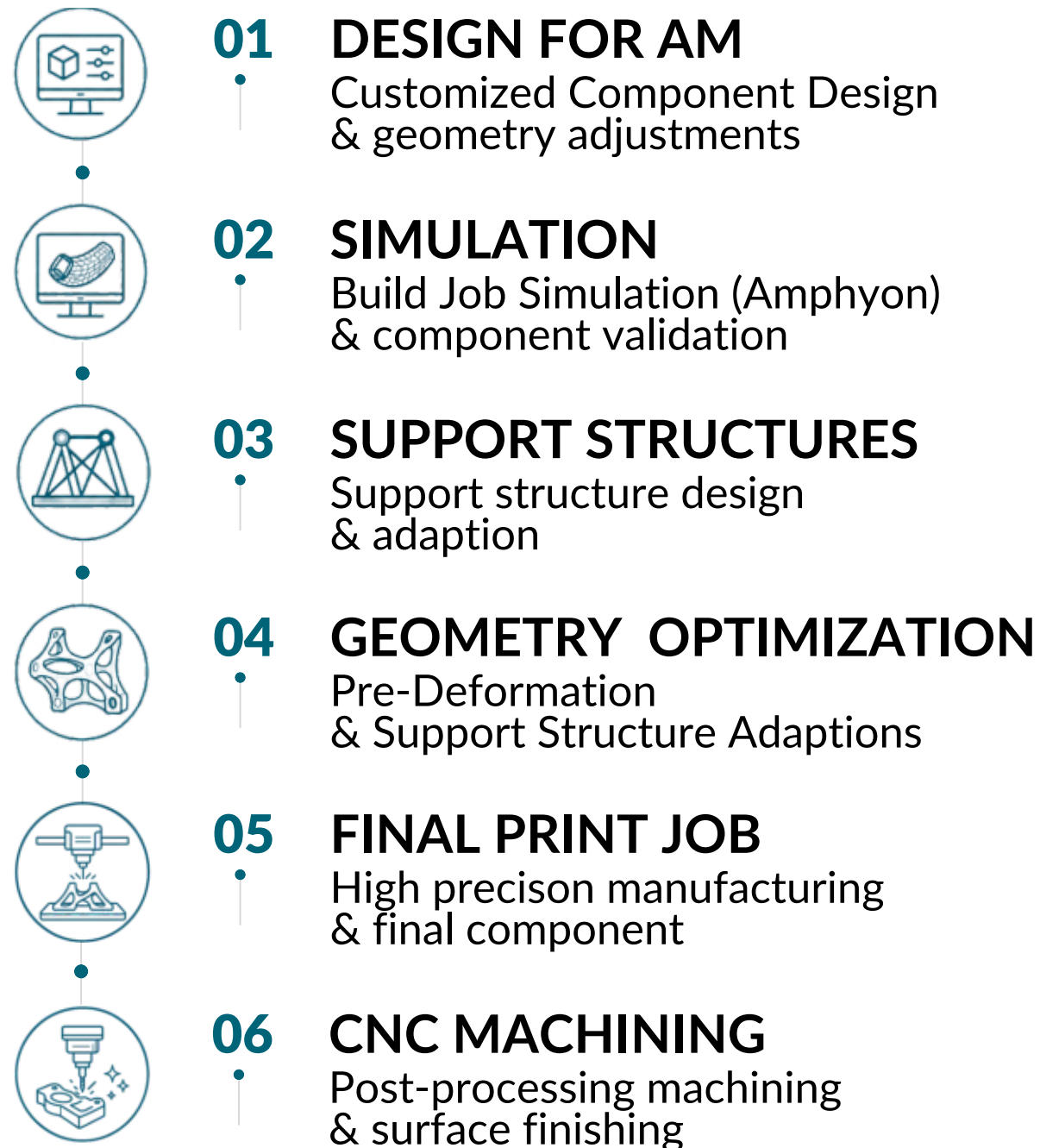


Certification Body
of TÜV SÜD Landesgesellschaft Österreich GmbH
Franz-Ortl-Strasse 1 • Arsenal, Objekt 207, 1030 Vienna, Austria



ADDITIVE MANUFACTURING

AM PROCESS CHAIN



MATERIALS

- » Inconel 718
- » Inconel 625
- » Stainless steel 316L
- » 1.2709 tool steel (MS1)
- » Pure copper (CuCP)
- » Ti6Al4V/Ti64
- » AlSi10Mg
- » m4p TM PureTi grade2
- » Constellium (CP1)

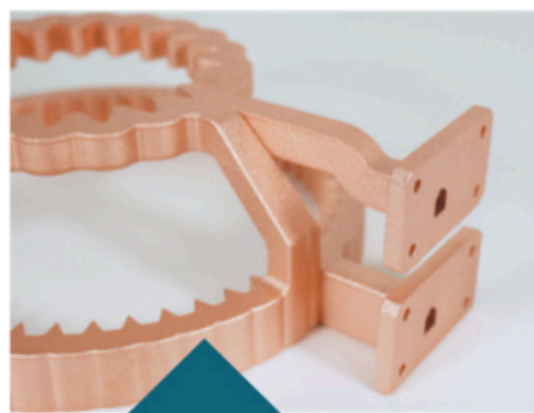
APPLICATION EXAMPLES

PURE COPPER INDUCTORS

- » Adaptation of the inductor geometry close to the component contour
- » Flow optimized cooling water system
- » Electrical conductivity between 97.4 and 100 % IACS



HAIRPIN

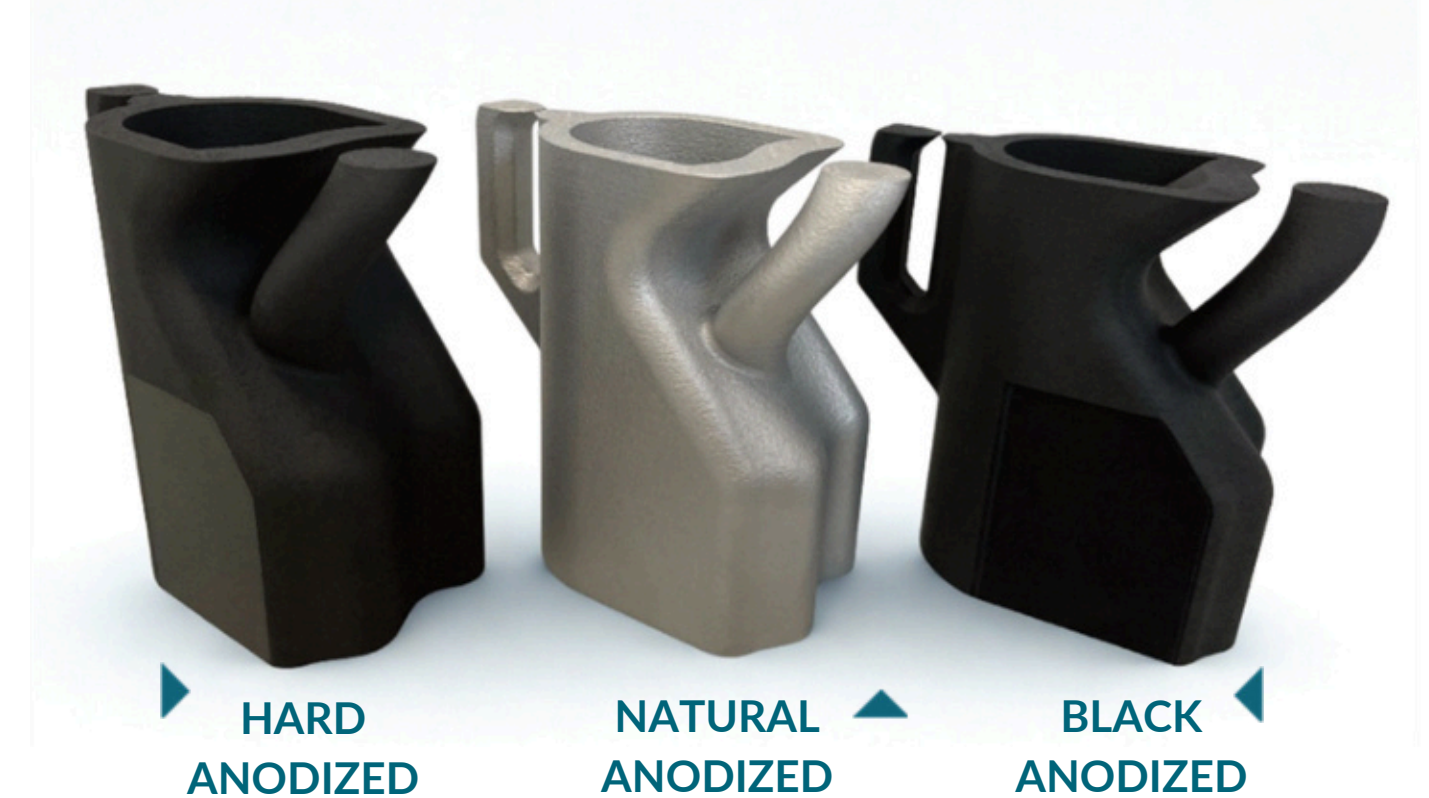


INDUCTOR



CHIP COOLER

ALSI10MG SURFACE FINISH SAMPLES



SURFACE TREATMENTS

- » Natural anodizing
- » Hard anodizing
- » Black anodizing
- » Blasting

AM WITH CNC CNC POST PROCESSING

Comprehensive post processing
ensures top quality:



CNC MACHINING
for accurate final contours



HEAT TREATMENT
to optimize material properties



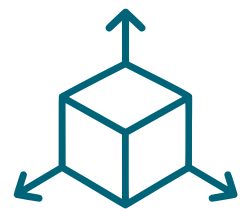
SURFACE FINISHING
for functionality and aesthetics



DIMENSIONAL INSPECTION
for complete quality assurance

LPBF SYSTEM FAM

EOS M290



BUILDING VOLUME

- » 250 x 250 x 325 mm - 400 W
- » 250 x 250 x 325 mm - 1000 W

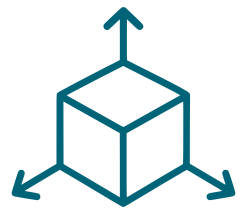


MATERIALS

- » Inconel 625
- » 1.2709 tool steel (MS1)
- » m4p TM CXplus
- » Pure copper (CuCP)
- » Ti6Al4V/Ti64
- » Stainless steel 316L /1.4404
- » m4p TM PureTi grade2



2X EPLUS3D EP-M400S



BUILDING VOLUME

» 400 x 400 x 450mm - 4 x 700 W

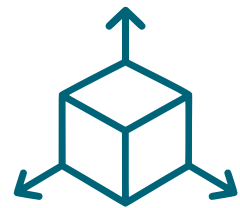


MATERIALS

- » Inconel 718
- » Constellium CP1



EPLUS3D EP-M650



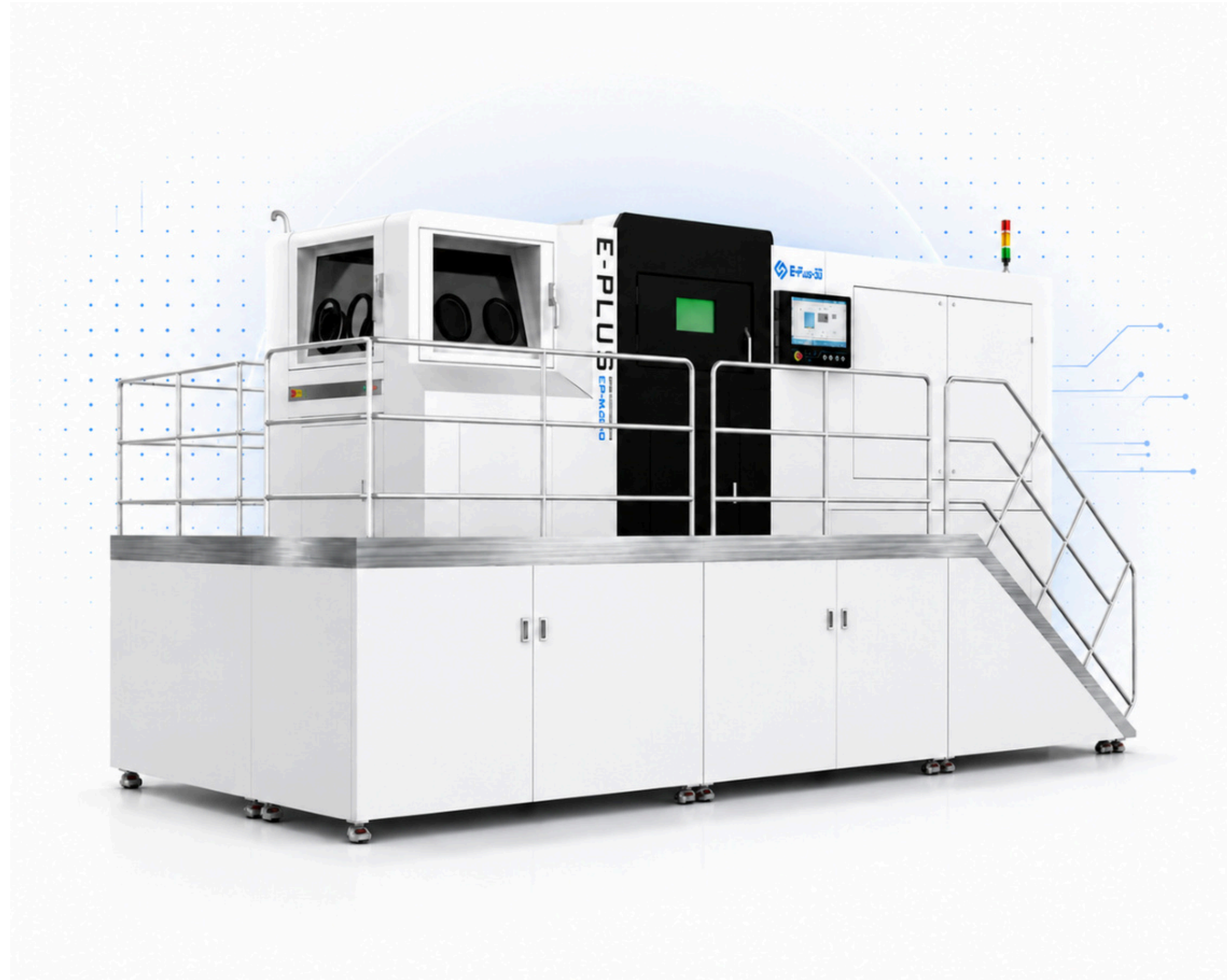
BUILDING VOLUME

» 650 x 650 x 800 mm - 4 x 700 W



MATERIAL

» AlSi10Mg





FUCHSHOFER
PRÄZISIONSTECHNIK

**” Today better
than yesterday.
Tomorrow better
than today.**

- HANNES FUCHSHOFER



www.fuchshofer.at



anfrage@fuchshofer.at



+43 3466 47 0 25 0



Haselbach 100,
A-8552 Eibiswald