SHAPING PROGRESS
ADDITIVE MANUFACTURING

OECHSLER
OECHSLER – one of the worldwide pioneers in Additive Manufacturing – has been inspiring renown customers from various markets with its solutions since 2017. Now we open a new chapter. Working together with other major players in the printing and industrial sectors, we are rapidly advancing the industrial serial production of 3D-printed plastic parts. OECHSLER already manufactured more than 2 million 3D parts at its worldwide locations in Germany, USA and China. With a fleet of over 200 3D printers, we are ideally positioned for serial production. The key, however, are our employees: With their innovative spirit and competence they develop individual customer solutions, making them ready for serial production. **Put us to the test!**
A NICE PIECE OF WORK

Whether for industry, automotive, healthcare or consumer goods – the parts produced by OECHSLER in additive serial manufacturing are perfect through and through. All parts are developed individually for our customers. We are a global partner along the entire value chain – from development to production. Be inspired!
SERVICE FROM A SINGLE SOURCE

We want to make things easy for our customers. That is why we offer full service for all aspects of additive manufacturing. From design and planning to serial manufacturing, OECHSLER offers everything from a single source – with competence and reliability. See for yourself!

DEVELOPMENT COMPETENCE
- Development of Components (Mechanics/Mechatronics)
- Development of Assemblies and Processes
- Simulation
- Development of Product Groups and Assemblies
- Lattice Design

ENGINEERING AND CONSULTING
- Application-oriented part design >> integration of functions, complex structures are possible (e.g. double-walled parts and channels)
- Materials database with experimental mechanical data
- Enabling customers the transition to AM by providing engineering consulting service

MANUFACTURING & TESTING COMPETENCE
- Laboratory area for resin and powder
- In-depth process and material know-how along the entire production chain

MANUFACTURING – SERIAL PRODUCTION
- Automated AM production lines including pre- and post-processes to guarantee high quality standards
- Production area with a large number of systems enables large quantities up to Serial production (1 million parts in 2019)
- Production sites in NAFTA, EMEA and APAC for fast and reliable delivery to all parts of the world

IN-HOUSE TESTING CAPABILITIES
- Computer Tomography
- Shaker Test Rigs
- Climate Test Chambers
- Mechanical Test Capabilities

POST-PROCESSING
- Automated Cleaning
- Chemical Vapor Smoothing
- Assembly
- Quality Assurance
COMPELLING ADVANTAGES

Flexibility, individuality, speed, quality – these are the factors that distinguish additive serial manufacturing and offer unique advantages to our customers. For OECHSLER, additive manufacturing is the perfect symbiosis of innovation and responsibility. **Benefit from it!**

- **DIVERSE AND FUTURE-PROOF MATERIALS**
  - Elastomers
  - Thermoplastics
  - Thermosets

- **STATE-OF-THE-ART TECHNOLOGIES AND MACHINES**
  - Carbon3D (DLS)
  - HP (MJF)
  - Rapidshape (DLP)

- **COMPETENT AND INNOVATIVE MATERIAL PARTNERS**
  - Carbon3D
  - Henkel
  - BASF

- **CERTIFICATIONS FROM INDEPENDENT TEST CENTERS**
  - Certification Additive (TÜV Certification PPP 11001:2018)
  - Certification to ISO 9001 and IATF 16949 standards
LET’S GET STARTED

Contact us
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Visit us
www.oechsler.com