

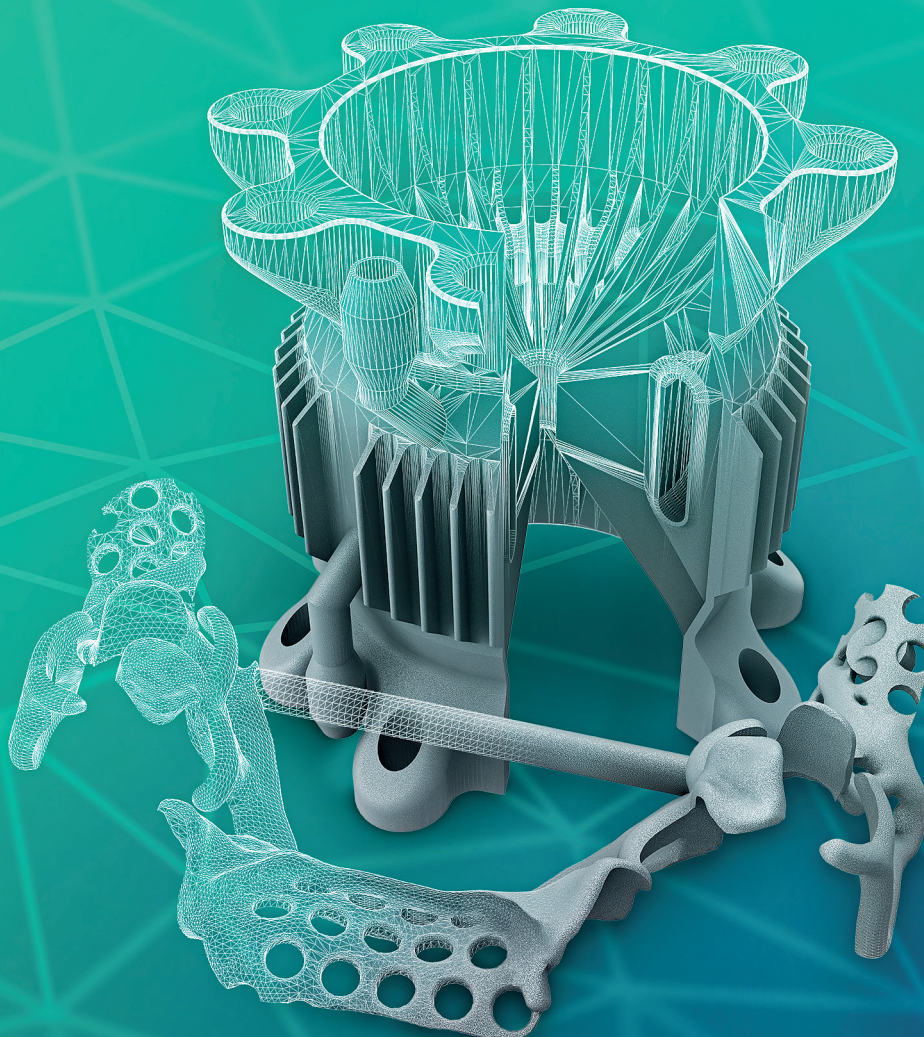


Your AM Solution

The sophisticated ecosystem
for metal 3d printing



ISO 9001:2015



We invent. You succeed.





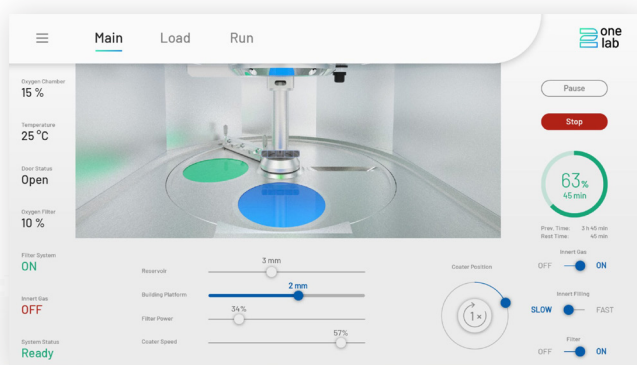
CREATE



A compact

3D metal printer

designed to produce complex parts



2Create user interface

Features



Fast material change

Change your powder within 20 minutes



Plug & Play

Ready to start printing titanium & other alloys



Instant printing

Ready to print in below 5 minutes (from 21% oxygen to below 1%)



Extrem low running costs

Low energy consumption, long life and affordable filters, low maintenance concept

General		Optic	
Build volume	Ø 100 mm x 100 mm	Laser source / power	Yb fiberlaser / 250W
Reservoir volume	Ø 110 mm x 200 mm	Wavelength	1070nm
Coater	Rotation precision coater	Lens	Precision F-Theta lens
Inert gas	Nitrogen / Argon	Scan speed	up to 10 m/s
Layer thickness	20 - 100 µm	Laser spot size	Adjustable while printing: 40-250 µm
Dimensions	720 x 860 x 1790 mm	Electronic	
Weight	450 kg	Power	230V, 10A 50/60Hz, 2.3kW

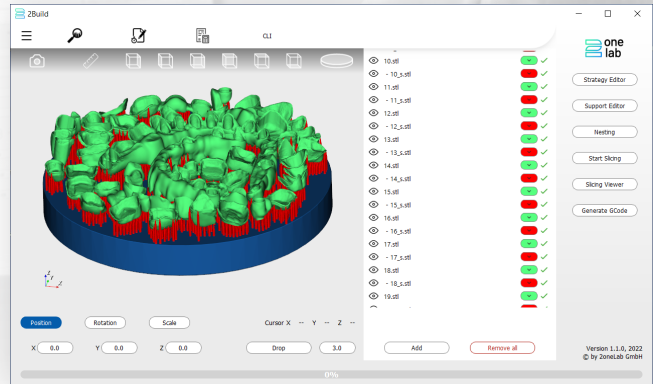


BUILD

An innovative

CAM software

developed for smart automation
and optimization of your printing
results



Features



Nesting

High-speed nesting saves
valuable post-processing time



Labeling

Advanced labeling for
easy identification of parts



Support generation

Sophisticated, fully automated
support generation



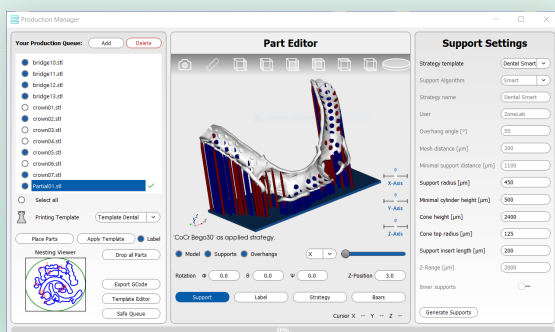
Integrated analytic tool

- + Quickly develop new parameters
- + Automatic design of experiments
- + Integrated density evaluation with image analysis
- + Automatic calculation of optimal printing parameters



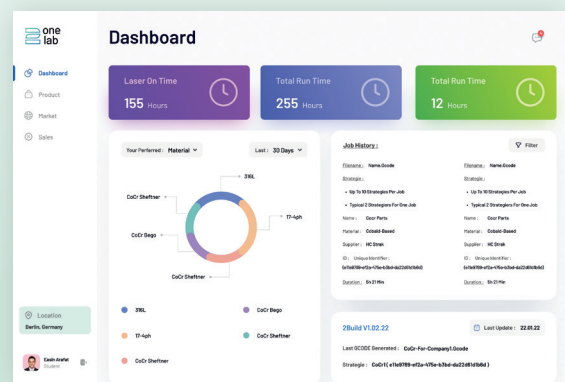
Production manager

Boost your productivity & workflow optimization



2Connect

Control and monitor your AM ecosystem
on one platform





Applications

Your challenge. Our solution.

2Create is an industry-leading 3D metal printer designed specifically for small and medium-sized parts. Whether you need to make implants, industrial parts or just for the flexibility of research and development, the **2Create** can handle the job in a cost-effective, efficient, and high-quality way. With an open concept design, this 3D printer is compatible with powders from other manufacturers giving you the freedom to make a wide variety of parts without having to spend extra money.



DESIGN

| ADDITIVE MANUFACTURING

| METROLOGY



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