



Studio System™

Office-friendly, affordable metal 3D printing.
Designed for engineers.

Reserve—Please contact our sales team for international reservations and pricing.

 Desktop Metal

 **energy group**
3D PRINTING AND DIGITAL MANUFACTURING
member of THE 3D GROUP

StrataSYS formlabs  

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An end to end process



Print

The Studio printer extrudes bound metal rods, shaping the “green part” through Bound Metal Deposition™. This process is similar to the safest and most widely-used 3D printing process—Fused Deposition Modeling (FDM) and eliminates safety concerns associated with metal 3D printing.



Debind

The green part is transferred to the Studio debinder where it is immersed in Desktop Metal’s proprietary debinding fluid. The primary binding material is removed in order to prepare the part for sintering. The debinder is safe for use in an office environment and does not require any external ventilation.



Sinter

The Studio furnace heats parts to just below their melting point, fusing metal particles to form fully dense parts without residual stresses introduced in laser-based processes. Fully automated and sized to fit through a doorway, the furnace delivers industrial-strength sintering in an office-friendly package.

Printer specs

Build volume

w 30 x d 20 x h 20 cm
(12 x 8 x 8 in)

Max part dimensions (post-shrink)

w 25.5 x d 17 x h 17 cm
(10 x 6.7 x 6.7 in)

Print heads

Dual, quick-release print heads

Minimum layer height

50 µm

Heating

Heated build area & plate

Platform

Cloud, browser-based

Debinder specs

Max fluid volume

17.4 liters (4.6 gallons)

Footprint

w 102 x d 74 x h 58 cm
(40 x 30 x 23 in)

Vapor management

Closed-loop low emission design, no external exhaust vent required

Platform

Cloud, browser-based

Furnace specs

Heating

Hybrid; microwave + conventional; Five sides

Footprint

w 138 x d 75 x h 162 cm
(64 x 55 x 30 in)

Peak temperature

1400 °C (2552 °F)

Platform

Cloud, browser-based



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