Studio System™

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

Reserve—For more information or to place an international reservation, please contact our sales team.

Desktop Metal

energy group
3D PRINTING AND DIGITAL MANUFACTURING
member of THE3DGROUP

Stratasys formlabs Desktop Metal MakerBot

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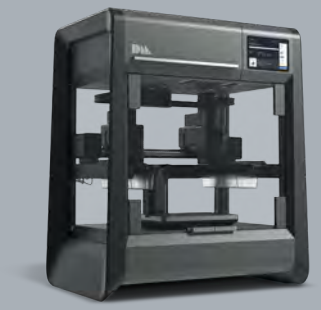
An end to end solution



Print

Unlike laser-based systems that selectively melt metal powder, the printer extrudes bound metal rods—similar to how an FDM printer works. This eliminates the safety requirements often associated with metal 3D printing while enabling new features like the use of closed-cell infill for lightweight strength.

Debind

The debinder prepares parts for sintering by dissolving primary binder. With a low emission design, the debinder requires no external ventilation and is safe to use in an office environment. Automatic distillation and recycling of our proprietary debind fluid means there is no need to refill between every cycle.

Sinter

Fully-automated with closed-loop thermal control, the furnace is the first to deliver industrial-strength sintering and an office-friendly package. Built-in profiles are tuned to every build and material to ensure uniform heating and cooling without the residual stresses introduced in laser-based systems.

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)

Printheads
Dual, quick-release print heads

Minimum layer height
50 µm

Heating
Heated build area & plate

Platform
Cloud, browser-based

Debinder specs

Solvent
Desktop Metal proprietary debind fluid

Vapor management
Low emission design, no external ventilation required

Fluid management
Automatic distillation and recycling

Platform
Cloud, browser-based

Footprint
w 74 x d 57 x h 102 cm
(29 x 23 x 40 in)

Furnace specs

Gas connection
2x 900 L on-board gas cannisters

Peak temperature
1400 °C (2552 °F)

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

Platform
Cloud, browser-based

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