

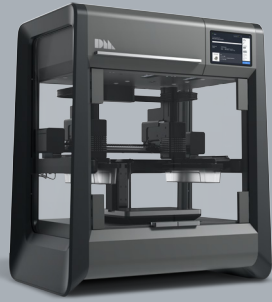


# Studio System™

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

**Reserve**—Studio System™ reservations require a \$1,000 non-refundable deposit. The Studio System (printer, debinder, and furnace) is \$120,000 or \$3,250/month with the Hardware-as-a-Service leasing option. For international reservations and pricing information, please contact our sales team.

# 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)

#### Vapor management

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

#### Footprint

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

#### Platform

Cloud, browser-based

### Furnance specs

#### Heating

Hybrid; microwave + conventional; Five sides

#### 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