

SPEE3D

Cold Spray Additive
Manufacturing (CSAM)



NOISE < 85dBA@1m

LIGHTSPEE3D

TECHNICAL SPECIFICATIONS

(Subject to Change Without Notice)



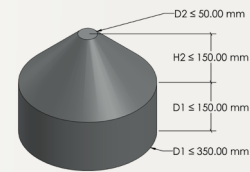
SYSTEM CAPABILITIES (APPROXIMATE)

Maximum Build Size: Ø350mm x 300mm (Ø13" x 11")

See Design Guide for Capabilities and Limitations

Minimum Deposition Spot Size: 6mm (0.24")

Maximum Part Weight: 5kg (11lbs)



CAPABILITIES AND LIMITATIONS

D1 ≤ 350mm

D2 ≤ 50mm

H1 ≤ 150mm

H1 ≤ 150mm



RELEASED MATERIALS & DEPOSITION RATES 316L

Stainless Steel: Max Deposition Rate = 17.5g/min

Aluminum Bronze: Max Deposition Rate = 93g/min

Aluminum 6061: Max Deposition Rate = 18.5g/min

Pure Copper: Max Deposition Rate = 100g/min



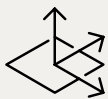
ELECTRICAL REQUIREMENTS

Printer Only: 400V | 3 Phase | 50/60Hz | 18kVA

Compressor Only: 400V/460V | 3 Phase | 50/60Hz | 25kVA

Extractor Only: 400V/460V | 3 Phase | 50/60Hz | 12kVA

SPEE3DCore Only (Compressor & Extractor): 400V | 3 Phase | 50Hz | 25kVA



PRINTER FOOTPRINT (DOORS CLOSED)

Meters: 3.2(L) x 1.4(W) x 2.4(H)

Feet: 11(L) x 5(W) x 8(H)



PRINTER WEIGHT

Kilograms: 2200

Pounds: 4850



TWINSPEED SOFTWARE & INTERFACE

HMI Touchscreen

CAD Input | STL & STEP Format Requires

Windows 8 or Higher

WWW.SPEE3D.COM