

The Tritone Dominant for Additive Manufacturing

Tritone
Industrial Additive Manufacturing

System specifications

- Printing System: Tritone® Dominant industrial additive manufacturing machine
- Technology: MoldJet® – digital mold fabrication
- Build volume: 400 x 240 x 120 mm (L x W x H) over 6 trays
- Throughput: Up to 1,600 cc/h
- Density: Up to 99%
- Nominal layer thickness: Versatile 50 – 100 µm
- Support material: Tritone Mold proprietary material
- Number of trays: 6, simultaneous and independent
- Machine footprint: 3200 x 2200 x 1900 mm (L x W x H)
- Weight: 2,300 kg



Tritone's patents pending technology introduces an innovative approach for metal additive manufacturing to enable industrial production of high-quality metal parts.



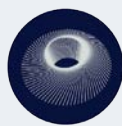
Industrial Throughput

Simultaneous process exceeds throughput of 1600 cc/h to produce large quantities of parts per shift



Wide choice of materials

Variety of metal alloys including Titanium, Stainless steels, Tool Steels, Copper alloys and more



Fine detail and smooth surface quality

High printing resolution and precision enable complex part geometries



High density

Up to 99% of sintered parts



Powderless environment

Materials delivered through sealed cartridges – suitable for a clean industrial environment



Convenient Industrial handling

Robust green parts enable easy transition to sinter without damaging part quality



Auto layer correction

Real time verification and control of the quality of each layer



Range of sizes

From 2mm and up to 350mm parts