

The Tritone Dominant

for Industrial Additive Manufacturing

Dominant is Tritone's flagship system, supporting high-volume, repeatable serial production. Dominant supports production of parts at high productivity and low-cost per part.

System specifications



Number of trays:

6, simultaneous and independent



Each build tray dimension:

400 x 240 x 120 mm (L x W x H)



Throughput:

1,600 cc/h



Total build volume:

70,000 cc



Nominal layer thickness:

Adjustable 25 - 150 µm



Machine footprint:

3200 x 3500 x 2200 mm (L x W x H)



- ▶ High Productivity
- ▶ Industry Standard Material Properties
- ▶ Safe, Powder-Free Environment
- ▶ Lowest Cost Per Part

Key Advantages



Enabling serial production

- ▶ Uniform, repeatable manufacturing across trays, high density (>99%), and accuracy of parts
- ▶ AI powered real-time quality inspection and correction
- ▶ Range of sizes: 0.2mm up to 350mm
- ▶ High productivity & lowest cost per part



Wide variety of materials

- ▶ System supports both metal and ceramic
- ▶ Based on standard MIM powders
- ▶ Quick, safe, and clean materials changeover



Green & safe industrial environment

- ▶ A powder-free process, enabled by a paste-based feedstock
- ▶ A hands-free post process
- ▶ Low energy consumption, operates in standard industrial environment
- ▶ Easy and safe handling of green parts