

The Tritone Dim

for Industrial Additive Manufacturing

Dim is Tritone's mid-range system, offering a combination of flexibility and robust production capabilities. Dim was designed to serve as a small-footprint machine, supporting qualification of materials and applications, as well as research and development based on the advantages of the MoldJet process.

System specifications



Number of trays:

4, simultaneous and independent



Each build tray dimension:

220 x 120 x 90 mm (L x W x H)



Throughput:

220 cc/h



Total build volume:

10,000 cc



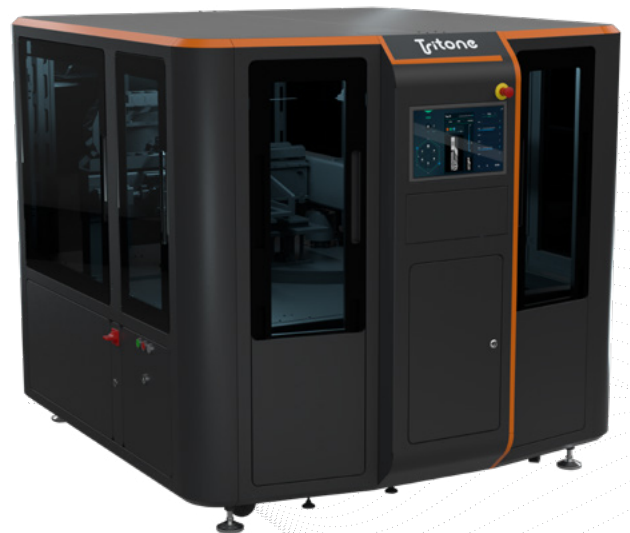
Nominal layer thickness:

Adjustable 25 - 150 µm



Machine footprint:

2100 x 1965 x 1935 mm (L x W x H)



▶ High Productivity

▶ Industry Standard Material Properties

▶ Safe, Powder-Free Environment

▶ Maximum Flexibility

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 206mm



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