

EOSINT M 270

Metal laser sintering system for the production of tool inserts and direct parts in bronze.

The EOSINT M 270 system applies laser sintering technology to metal powders to produce tooling inserts, direct parts and end products. It provides the flexibility of rapid technology combined with automation and efficiency of mass production, while eliminating the time and expense of conventional tooling.

CAD data is sliced into layers and the part is built bottom to top from successive applications of metal powder fused by means of a solid-state fibre laser. The process is fully automated. Finished parts have high accuracy and detail resolution, good surface quality and excellent mechanical properties. Material options range from light steel alloys to super-alloys and composites.

AMS™ is Australia's only direct metal laser sintering services provider. Whether you need to create custom parts, produce spare parts on demand or undertake small series production, the M 270 will get the job done. Put it to the test.

Specifications

- CAD Data – IGES File Format
- Build Volume 250 x 250 x 215 mm
- Build Time 1 HR Per 20 mm Height
- Cobalt C, Stainless, Maraging Steels

Applications

- Tooling inserts
- Fully functional parts
- Engineered applications
- Custom to small series runs

