



SLM additive manufacturing system

Renishaw AM250

Selective laser melting machine used in many sectors ranging from oil and gas to medical, capable of creating parts from a variety of materials including titanium and Inconel.

Features and benefits

- External powder hopper allows additional material to be added mid-process
- Proven success creating high-integrity parts using materials including SS316L, SS304, HX, IN718, IN625 and AISI10Mg.

Some applications

- Producing complex geometries that are impossible using conventional methods such as casting machining or even electrical discharge machining
- Especially useful in the oil and gas and automotive sectors, where internal cooling or heating channels are required
- Creating bespoke implants for the medical and dental industries without any need for a cast or mould
- Consolidating multiple components into a single part design, improving reliability
- Much more efficient use of material enabling lightweighting and cost savings

Technical specification

- Build volume: 250 x 250 x 300mm
- Maximum laser power: 200W
- Upgraded optical system
- Materialise Magics build preparation software including material development module

