

KEEP YOUR BUSINESS AHEAD OF THE CURVE



iFusion150

EXCEPTIONAL PERFORMANCE.



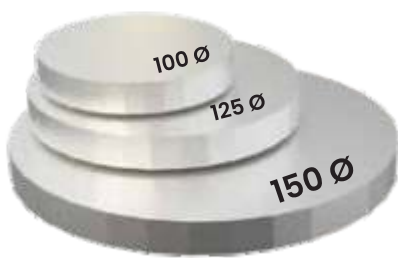
HIGHER BUILD RATE FOR COST-EFFECTIVE MANUFACTURING

Powerful yet compact, the iFusion150 has a 500W laser which enables part builds with a higher layer thickness, greater throughput and work with a wider range of alloys. For fine feature detailing, the laser focus diameter can be factory configured to 45 μm for fine features.



MORE PARTS-PER-BUILD

Highest-in-class circular build plate with a 150mm x 180mm, allows more nesting and stacking of parts in a single run, increasing productivity and reducing cost per part.



LARGEST-IN-CLASS BUILD SIZE

Circular build plate with 150mm x 180mm, iFusion150 has one of the largest-in-class build envelopes. This allows for printing a wide range of small to mid-size fully-functional components.



EASY TO PRINT WITH A WIDE RANGE OF MATERIALS

Parameters for AlSi10Mg, CoCr28Mo6, IN718, IN625, Ti6Al4V Ti6Al4V ELI, 17-4PH, SS316L, 18Ni300 are available. Additional parameters can be made available on request.



FEATURE PACKED WITH LOWEST ACQUISITION COST

The iFusion150 is loaded with best in class features with the lowest cost of acquisition combined with efficient customer support provided by trained and competent Intech engineers.

MORE POSSIBILITIES.



DUAL FILTER TECHNOLOGY



SAFETY GLOVE DOOR



FLEXIBLE & OPEN ARCHITECTURE
FOR MATERIAL DEVELOPMENT

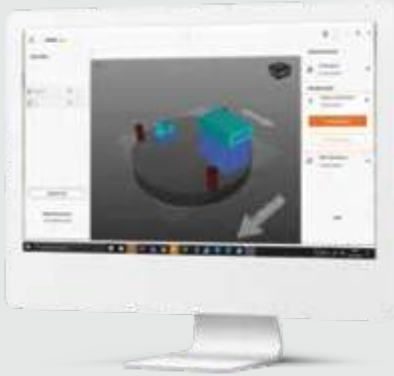


HIGH PRODUCTIVITY PRINTING

Specifications	iFusion150 Build Volume (XYZ)
	ht. 150mm x dia. 180mm
Layer Thickness	20 – 100µm
Focus Diameter	45 – 80µm
Build Rate	20cm ³ /h and above
Precision Optics Laser	F-theta lens, high speed scanner
Laser Type	Yb – Fibre Laser
Laser Power	500W / 700W / 1000W
System dimension (mm)	1650mm x 1250mm x 2350mm
Scan Speed (Max)	7m/s
Material	AlSi10Mg, CoCr28Mo6, IN718, IN625, Ti6Al4V Ti6Al4V ELI, 17-4PH, SS316L, 18Ni300

SOFTWARE THAT HELPS YOU DO MORE.

AMBuilder



AMBuilder, the in-built, inimitable software is packed with intelligent features such as data preparation, distortion simulation and build processing. This versatile, intuitive software delivers a short learning curve in build preparation process, speeds up productivity and maximise the machine capabilities.

AMOptoMet



Our parameter optimization software, AMOptoMet is unparalleled in many ways. It is built with the capabilities to improve productivity by (50-80%), achieve better Surface Finish (2-3 Ra) and reduce Post-processing time and cost significantly. It helps create parameter for new alloys almost instantaneously, cutting down on the wait-time considerably to deliver exceptional throughput.

Who we are



Get in touch

+91-80-4150 6070 / 4153 9734

enquiry@altem.com

www.altem.com



<https://altem.com/contact/>



Address: #4, 'Asha Mansion, 6th Cross Rd, opp. Koramangala Club, 6th Block, Koramangala, Bengaluru, Karnataka 560095