

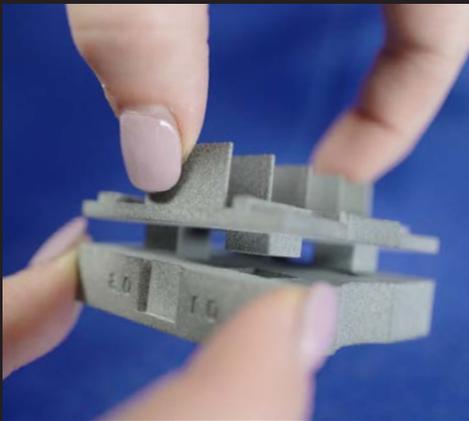


# FLUXAXIS

## HP's revolutionary Multi Jet Fusion 3D printing technology

**Manufacturing Reinvented.** We're one of only a handful of specialist 3D printing companies able to offer this innovative machine as part of our in-house bureau service. Multi Jet Fusion (MJF) produces quality functional prototypes and production parts in Nylon PA12 - fast.

**What can this technology do for you?** This technology reinvents how you prototype and produce functional parts. MJF eliminates the need for tooling and offers far greater design flexibility. Short and medium scale production runs are now not only commercially viable but can be turned around quickly. This cost-effective technology delivers better detail, accuracy and strength than other 3D printing methods, producing quality output up to ten times faster than SLS printers.



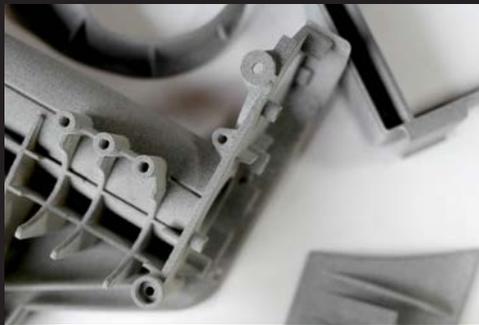
### **Detail, accuracy & strength**

HP's MJF technology is great for fine detail and dimensional accuracy. The unique Multi-Agent printing process means it can print detail such as small fine holes, walls and shafts. It's also ideal for the manufacture of complex parts, assemblies and lattice structures. All parts are produced in robust engineering-grade thermoplastics, optimised for 3D printing efficiency.



### **Fast & cost-effective.**

This streamlined and efficient system provides continuous printing and fast cooling, meaning it can produce more parts per day – and up to ten times faster. The HP MJF system has two build units so as one cools and is unpacked in the processing station, the second unit gets on with more printing. Of course, this not only makes for speedier results for our clients, but also results in cost savings compared to SLS printing.



### **Ideal for prototyping & production:**

The HP MJF produces functional, high-density prototypes and parts. Prints are water-tight and have excellent chemical resistance to oils, greases, aliphatic hydrocarbons and alkalis. It's the ideal tool for testing designs or for mass producing parts with engineered accuracy, producing predictable, reliable end-use parts faithful to the original design.

### **Applications include:**

Advanced manufacturing, automotive parts, aerospace, product design – in fact, anyone who requires prototypes and functional parts.

### **Creative applications:**

We've also used HP MJF technology for a range of creative applications, working with sculptors and designers to create intricate forms that would be difficult to achieve any other way.

### **High quality finishing:**

We can also offer an end-to-end service, providing a range of high quality dyes, paints and finishes.

### **Talk to us!**

If you'd like to find out how HP's MJF technology could help your next project, give us a call.



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