

Plastic Additive Manufacturing Machine Specifications

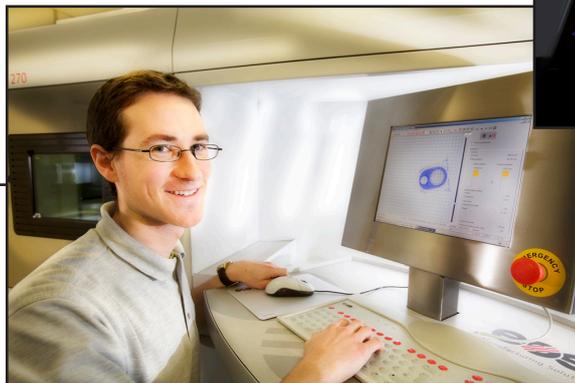
Building Success
Layer by Layer



Machine:	EOS P730	EOS P380	EOS P395
Quantity:	3 off	2 off	1 off
Build Chamber:	700 x 380 x 580mm	340 x 340 x 620mm	340 x 340 x 620mm
Laser Type:	CO ₂ (twin)	CO ₂	CO ₂
Laser Spot Diameter:	0.6mm	0.6mm	0.6mm
Layer Thickness:	0.12mm	0.15mm	0.1/ 0.12 / 0.15mm
Materials:	Nylon 12 and Glass Filled Nylon 12		

Machine:	EVP-A350 Vibro Finishing machine
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The Vibro Finishing process generates smooth parts with minimal time and cost being added to the project leadtime. A 2 hour cycle is sufficient for large batches of small to medium sized parts, which is a considerable reduction from individual hand finishing. The resulting parts have a smoother, more refined finish, providing an ideal base for further fine-finishing such as the application of a coat of primer or a colour-matched paint, vacuum metalising or resin impregnation. Unlike more aggressive tumbling machines, this process can finish some of the internal features of components, such as holes and voids (although this does depend on the geometry). The only limitations to the process are that the largest size part that can fit into the machine is approx. 500mm x 300mm x 300mm, and very small features or delicate geometries may not be suitable and could be damaged or lost. As this is a low cost batch process, economies of scale apply to multiple part orders, and there is usually just a one-off fee applied per batch/order.



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