

# eForm

Accessible laser sintering technology

[www.additivexthailand.com](http://www.additivexthailand.com)



## COST PERFORMANCE

The eForm plastic laser sintering system is an entry level system with all the functionality and power of an industrial level system. With state of the art processing systems combined with Farsoon's powerful control software the eForm is able to achieve highly detailed and functional parts.

## PRODUCTION INTERFACE

The eForm comes standard with a streamlined touch screen based UI configuration for the production environment. With this intuitive interface operating laser sintering technology has never been easier.

## COMPREHENSIVE SOFTWARE

The eForm like all Farsoon systems is offered with a full set of self-developed Farsoon software. This powerful set of tools enables a variety of functions from build preparation to machine control and operations while remaining completely compatible with third party software and material.

TECHNICAL DATA		eForm
External Dimensions (L×W×H)	1735×1225×1975 mm	
Build Cylinder Size <sup>1</sup> (L×W×H)	250×250×320 mm	
Net Weight	Approx. 2100KG	
Laser Type	CO <sub>2</sub> laser, 1×30W	
Scanner	High-precision digital galvo system	
Layer Thickness	0.06~0.3mm	
Volume Build Rate <sup>2</sup>	Up to 0.8 L/h	
Scanning Speed	Max. 7.6 m/s	
Max. Chamber Temperature	190°C	
Thermal Field Control	Eight-zone heater & Intelligent temperature control systems	
Temperature Regulation	Continuous real-time build surface temperature monitoring & optimization	
Operating System	64 bit Windows 10	
UI Mode	Real-time interchangeable expert mode and production mode	
Comprehensive Software	BuildStar®, MakeStar®	
Data File Format	STL	
Key Software Features	Open machine key parameters, real-time build parameter modification, three-dimensional visualization, diagnostic functions	
Power Supply	EUR/China: 380-400V, 50/60Hz, 16KVA, three-phase US: transformer sold with machine	
Operating Ambient Temperature	22-28°C	
Materials	FS 3300PA, FS 3250MF, FS 3400CF, FS 3401GB, FS 4100PA	

1 The functional build volume depends on the parts/materials.  
2 Volume build rate depends on the parts/materials.

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PART: AUTOMOTIVE FUSE BOX  
MATERIAL: FS 3300PA  
SYSTEM: eForm

