

# eForm

Accessible laser sintering technology

[www.farsoon.com](http://www.farsoon.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

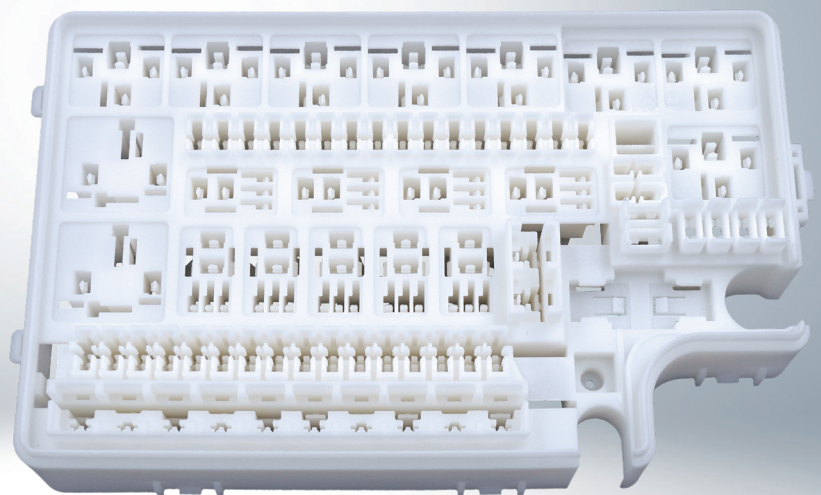
<b>External Dimensions</b> (L×W×H)	1735×1205×1975 mm (68.3×47.4×77.8 in)
<b>Build Cylinder Size<sup>1</sup></b> (L×W×H)	250×250×320 mm (9.8×9.8×12.6 in)
<b>Net Weight</b>	Approx. 1700 kg (3747.9 lb)
<b>Laser Type</b>	CO <sub>2</sub> laser, 1×30W
<b>Scanner</b>	High-precision galvo system
<b>Layer Thickness</b>	0.06~0.3mm (0.0024-0.0118 in)
<b>Volume Build Rate<sup>2</sup></b>	Up to 0.8 L/h
<b>Scanning Speed</b>	Max. 7.6 m/s (24.9 ft/s)
<b>Max. Chamber Temperature</b>	190°C (374°F)
<b>Thermal Field Control</b>	Eight-zone heater & Intelligent temperature control systems
<b>Temperature Regulation</b>	Continuous real-time build surface temperature monitoring & optimization
<b>Operating System</b>	64 bit Windows 10
<b>Comprehensive Software</b>	BuildStar, MakeStar®
<b>Data File Format</b>	STL
<b>Key Software Features</b>	Open machine key parameters, real-time build parameter modification, three-dimensional visualization, diagnostic functions
<b>Inert Gas Protection</b>	Nitrogen
<b>Power Supply</b>	EUR/China: 400V±10%, 3~N/PE, 50/60Hz, 32A US: transformer sold with machine
<b>Operating Ambient Temperature</b>	22-28°C (71.6-82.4°F)
<b>Materials</b>	FS3300PA, FS3401GB, FS4100PA, FS3150CF, FS3250MF, Ultrasint® PP nat 01, FS6140GF, WANFAB-PU95AB, Ultrasint® TPU 88A black, more materials to come

<sup>1</sup> The functional build volume depends on the parts/materials.

<sup>2</sup> Volume build rate depends on the parts/materials.

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PART: AUTOMOTIVE FUSE BOX  
MATERIAL: FS3300PA  
SYSTEM: eForm



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