

# The Stratasys H350 3D printer leveraging SAF technology



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The Stratasys H350™ 3D printer, leveraging Selective Absorption Fusion™ SAF™ technology, as part of the H Series™ production platform, is designed to deliver functional, production-grade parts with best-in-class\* consistency. Grow your part production business and stay competitive with a workflow you can control and cost per part you can accurately predict.

The H350 lets you tailor your production to suit your application. Re-use unfused powder to reduce material costs. Fine-tune print settings to your specification – all whilst using SAF technology to achieve accurate, functional parts consistently. Select finishing processes and equipment to maximize production efficiency in your business.

## 3D Printer Specifications

### Printer Performance

<b>Effective build size (xyz)</b>	315 x 208 x 293 mm (12.40 x 8.18 x 11.53 in)
<b>Effective build volume</b>	19.2 l (5.07 gallon)
<b>Layer thickness</b>	100 µ (0.004 in)
<b>Time to a full build (print time)</b>	High Yield PA11 and SAF PA12 - 11.5 hrs SAF PP - 9.6 hrs

### Power

<b>Requirements</b>	400VAC, 3P+N, PE, 50-60 Hz, 16A
<b>Consumption</b>	3.25 kw, 5 kw (peak), 0.15 kw (Idle)

### Operating conditions

<b>Temperature</b>	20-25 °C (68-77 °F)
<b>Humidity</b>	[40-55]% RH
<b>Extraction rate</b>	300m³/h (177 CFM) with adjustable damper

### Dimensions (W x D x H)

<b>Printer</b>	1900 x 940 x 1730 mm (74.8 x 37.0 x 68.1 in)
<b>Printer crate</b>	2156 x 1196 x 2100 mm (84.9 x 47.1 x 82.7 in)

### Weight

<b>Printer</b>	825 kg (1819 lb)
<b>Crated printer</b>	950 kg (2094 lb)

### Connectivity

<b>Network requirements</b>	RJ45 Ethernet connection 35MBit Network with DHCP server. Internet access recommended.
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### Software

#### Supported software workflow

GrabCAD® Print Pro™

GrabCAD® Print Server

Materialise Magics, Siemens NX and PTC Creo

### Certificates

#### Safety

EN ISO 12100:2010

#### Electromagnetic

DIRECTIVE 2014/30/EU

#### Environmental

REACH, RoHS, WEEE, Modern Slavery Act, CoA, CoC (and from 2021, Conflict Minerals regulation), TSCA

### Materials

#### Powder

Stratasys High Yield PA11, SAF™ PA12, SAF™ PP

#### Fluid

Stratasys HAF™ High Absorption Fluid

### Warranty and Service

#### Warranty

1 year limited warranty (warranty include print heads and printer consumables\*\*)

#### Service

Service plans include print heads and printer consumables\*\*

\* Compared to other powder bed fusion technologies using print heads

\*\* H350 printer consumables refers to H350 parts that wear out relatively frequently and need replacement by the customer.

For clarity, H350 printer consumables do not include H350 materials, HAF or powders, and do not include other materials required for the maintenance of the H350 such as cleaning fluids, gloves and swabs.



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PRODUCT SPEC SHEET  
FDM

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