

# GrabCAD Print

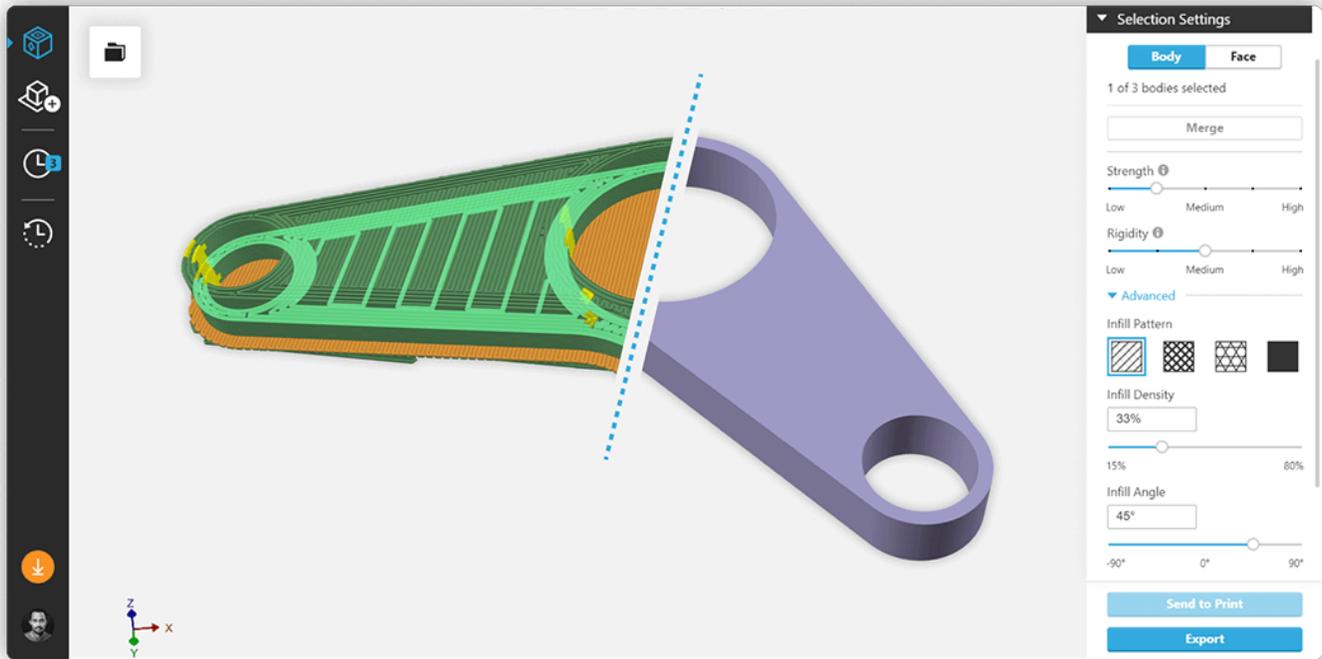
3D Printing  
Software for  
Stratasys  
3D Printers

Authorized Distributor:



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GrabCAD Print™ simplifies the traditional 3D print preparation workflow and provides intelligence around printer usage so your team can get quality prints, faster.

### A Smooth 3D Printing Workflow

Get the 3D printed parts you want, obstacle-free.

### Print directly from CAD.

Don't waste time converting and fixing STL files. GrabCAD Print allows you to save time by directly printing CAD files.

### Get started fast.

Lean on smart default settings, tooltips, and notifications to guide you through a seamless printing process.

### Do more with slicing software for 3D printing.

Advanced 3D slicer technology lets you manipulate models with excellent precision, including PANTONE® color matching, detail improvements and part priority.

### See what you're making.

Work with detailed views of your model, tray, and slice preview so you can make necessary adjustments before going to print.

### Improve part performance with Advanced FDM.

Advanced FDM updates FDM 3D Printing with improved model customization and printing speed. Use geometry-targeted tools to create parts that minimize weight and material without compromising strength.

### Reference native CAD data.

Select native CAD surfaces and features like holes and bodies in multi-body parts to customize your model for optimal print results.

### Advanced controls.

Optimize your model to your design requirements; thicken some surfaces, and select different infill patterns and densities for different bodies in your model.

### Customize holes.

Resize and reinforce hole geometry based on the insert you selected. Or, select a hole and change it to be self-supporting, drilled out by a later manufacturing operation.

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## Reduce print time using adaptive slicing.

Adaptive slice is a new software feature that will automatically vary the slice height within a part to decrease printing time while retaining part quality and strength. Parts with high resolution can now be printed an average of 24% faster.

- Available on the Stratasys F900, Fortus 900mc, Fortus 450mc, Stratasys F370, and Stratasys F270
- Available as an option for 0.0070 inch (0.1778 mm) and 0.0100 inch (0.2540 mm) slice height selections.

## Make it real with Advanced PolyJet.

Advanced PolyJet takes Stratasys PolyJet 3D Printing into the next era of prototyping and product realism.

- Match Pantone validated colors: Prototype models with near perfect matching with the Pantone book colors, validated by Pantone LLC.
- Apply CMYK values: Assign CMYK values in the CMYK Input panel for achieving an accurate color of your preference.

## Take advantage of X-Rite color profiles.

X-Rite is the industry standard conversion software. The color profiles enable designers to achieve a broader and more accurate range of colors.

## Print complex parts.

Make complex, realistic parts combining graphics and textures with varying levels of transparency, translucency, and opaqueness.

## Simplify complex digital material assignments.

The Digital Materials panel makes it easier than ever to make complex assignments. As you select your digital materials, materials that don't work with those options are removed, reducing the hassle of thinking about which materials work with each other.

## Get the final parts you want.

Create full CMF models, without needing multiple software products to achieve your desired results.

## Make it real with the H350\*

Print at SCALE with the H350™ 3D printer, powered by SAF™ technology – now you can achieve real production level volumes through GrabCAD Print! 3D Nest parts automatically or manually, lock orientations, and label parts with text or numbers, to achieve throughput never seen on 3D printers before!

\* To be released in 2022.



# Print with the promise of Design Realism

Achieve the color, material and textures desired by designers without the need for multiple software solutions to create the high-fidelity models you want.

## Easily import popular file formats

Improved SOLIDWORKS workflow enables designers to streamline their color workflow by importing 3MF files from SOLIDWORKS that maintain color and texture data.

See the complete list of [supported file formats](#).

## Simply integrate with the top rendering software

KeyShot 3D rendering software from Luxion seamlessly integrates with GrabCAD Print for a smooth and quick import of 3MF files.



## Receive work orders and print them in minutes.

The new integration between GrabCAD Shop, our work order management solution, and GrabCAD Print will allow you to bring your designs to market even faster

- Reduce the hassle of uploading and reuploading CAD files by simply opening files from Shop into GrabCAD Print with the click of a button.
- Efficiently plan your print jobs and trays using both the Shop Operator Dashboard view and Print scheduled view.

## Get more from your printers.

Optimize your resources with a management view of all printers and jobs.

## Organize print queues.

Maximize print scheduling based on machine availability, estimated job duration, and other key considerations.

## Track material levels.

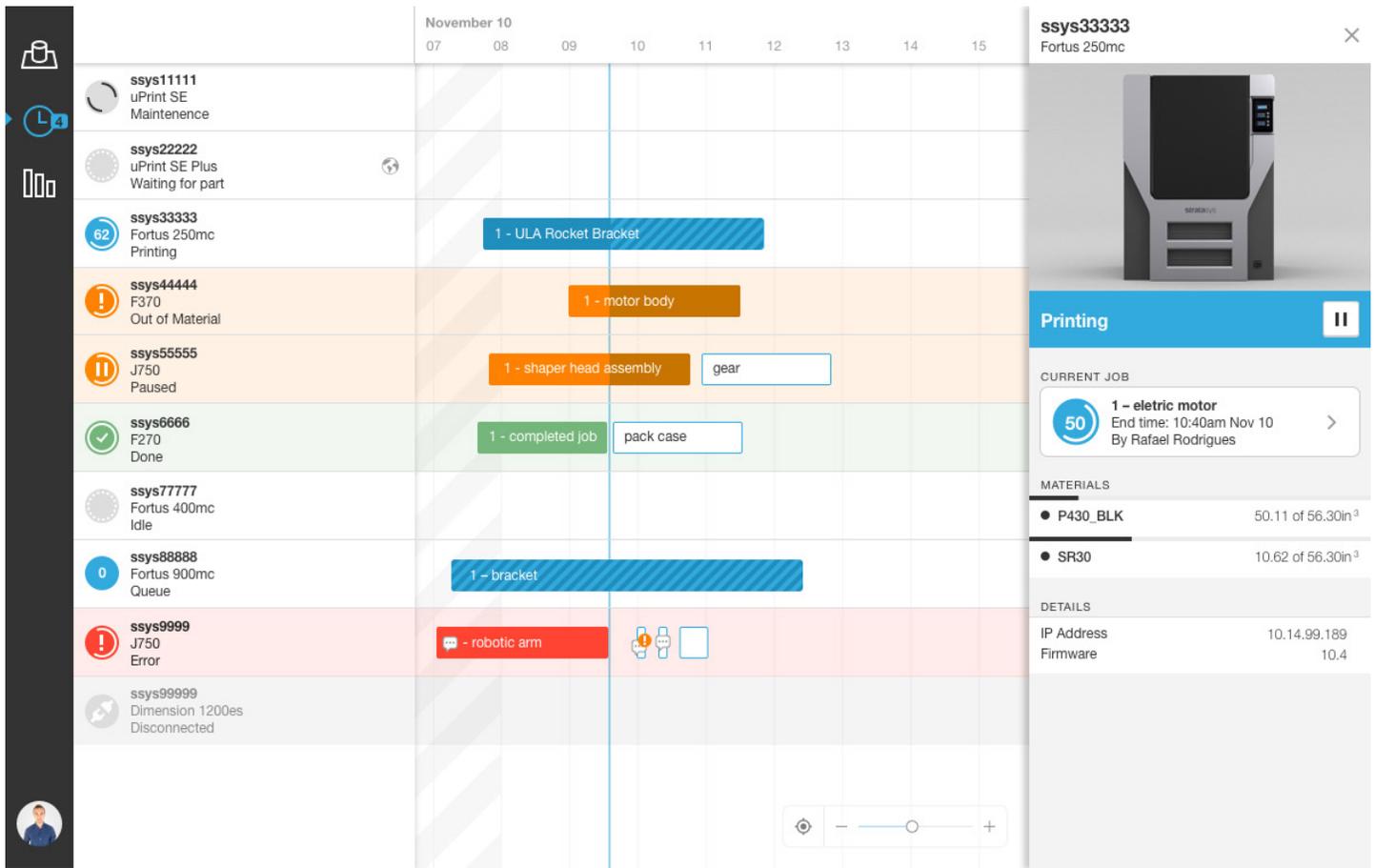
Instantly see how much material remains for each printer so you can plan and budget accordingly.

## View printer usage like never before

Analyze material usage, printer history, and printer utilization with in-depth reports and dashboards.

See the complete list of [supported printers](#).





# Print from anywhere

Let anyone on your team experience the benefits of 3D printing.

## Monitor from any device

GrabCAD Print is cloud-connected, so you can access it directly from any browser or your mobile device.

## Schedule remotely

Access and print to any supported printer in your company, even if it's in a different geographic location.

## Minimal training required

A straightforward interface makes professional 3D printing as easy as loading a part and clicking print.

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