INTRODUCING THE ALL NEW

OPERATOR STATION

WITH **MAGS AI**

1. Intuitive.
2. Intelligent.
3. Efficient.

atum3D combines in-house expertise in the fields of hardware engineering, chemical material properties and coding software algorithms to create 3D excellence. We want to make sure your print preparation process is as efficient as can be, with exceptional results. That's why we created the all new Operator Station software from the ground up. Thanks to Operator Station's intuitive interface and our proprietary MAGS AI intelligence, it takes you only a few clicks to create print jobs for your atum3D DLP Station.

atum 3D

3D Manufacturing Excellence

MAGS AI

Mark, Adjust & Generate Supports

atum3D strives to make your life easy. That's why we created an intuitive interface which takes you from part import to final print job in a few clicks. Our proprietary MAGS AI technology plays an essential role. You simply mark the surface of the part most important for your result. Next, MAGS AI analyses the part's shape, keeps your selection free of supports, suggests the optimal orientation and automatically adds the support structure. Preparing your print job has never been easier. You don't have to manually add supports. With your selection free of support scarring, finishing parts is as fast and efficient as possible.

EFFICIENCY IN A SINGLE CLICK

Operator Station allows you to maximize your build process efficiency with a single click. You can either duplicate to create a specific number of parts or just let Operator Station fill up the build platform in the most efficient way possible with the current part orientation and support structure. This helps you getting the most out of your printer runs, as the build time remains the same.

ONLINE RESIN CATALOG

The open platform atum3D DLP Station allows you to use many different materials for your print jobs. Because we aim to optimize your results and create 3D Manufacturing Excellence, Operator Station includes a comprehensive online catalog of resin-specific presets. Build materials can be conveniently added to Operator Station with an internet connection, or by importing a settings file on offline workstations.

INTUITIVE INTERFACE

When designing Operator Station's all new user interface, we've taken special care to incorporate our user's feedback and requests. That's why Operator Station is a highly intuitive, functional tool without any unnecessary buttons, settings dialogue boxes or data unrelated to the task at hand. This way, we've made sure you can intuitively find all controls and information you're looking for. You can even control Operator Station using a touch screen device!

SLICING PREVIEW

It's not uncommon for 3D models to have garbled or distorted interiors which don't show on the part's surface. That's why Operator Station comes with a slicing preview that shows you the DLP Station's projected result on screen, slice by slice. What you see is what you'll get! This feature allows you to easily determine any model inconsistencies before exporting the final print job. That's efficiency, both in terms of time, material use and costs!

ACCURACY OPTIMIZATION

Thanks to the proprietary software algorithms at the heart of our Operator Station software, parts are optimally translated to the DLP Station hardware and firmware. By considering variables like the chemical properties of your build material and calibration data, atum3D achieves best-in-class accuracy levels and surface finishing and can create truly round openings - in any direction.

SYSTEM REQUIREMENTS

Operator Station is currently available for Windows PC with the following system requirements:

RECOMMENDED
- Windows 10
- i7 Processor
- 16 GB RAM
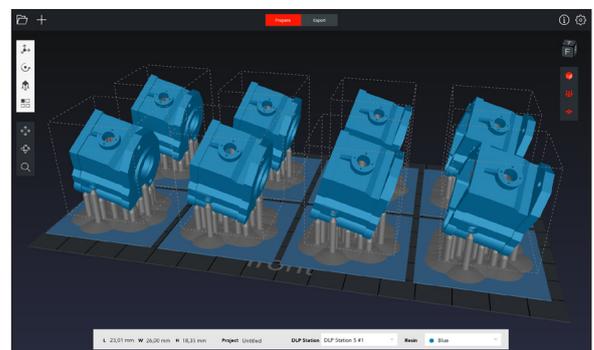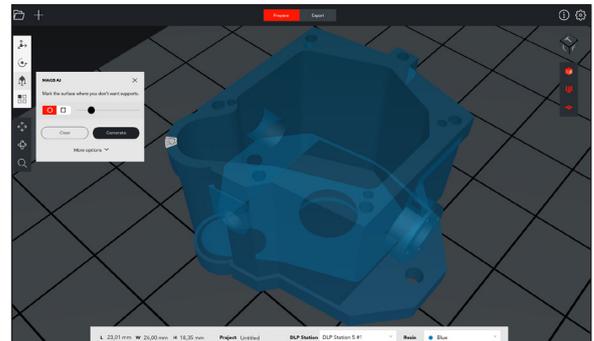- OpenGL 2.0 or higher
- SSD with 1 GB free space
- USB port

MINIMAL
- Windows 10
- i5 Processor
- 8 GB RAM
- OpenGL 2.0
- 1 GB free space
- USB port

YOUR BENEFITS

Some of the best features of atum3D's Operator Station software are 'under the hood'. These algorithms aren't visible on screen, but result in several features to make your life easy:

- Efficient preparation of your print jobs in seconds
- Intuitive user interface with touch screen support
- MAGS AI: simply mark the part's most important surface; MAGS AI will adjust the orientation and generate the necessary supports
- Duplicate models or fill the build platform for maximum efficiency
- Slicing Preview lets you check the print result in advance
- Accuracy-optimizing algorithms result in truly round openings
- Online resin catalog with build material presets
- Optimal performance thanks to multithreading architecture

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atum3D strives for 3-fold excellence. With proprietary **software**, **hardware** and an **open resin platform**, we offer exceptional **accuracy**, **speed** and **cost effectiveness**. We aim to make your life easy with comprehensive **training**, **services** and **support**. Team up with atum3D and become a part of the next industrial revolution!

For more information and specifications, please call +31 (0)85 488 26 60 or visit **atum3D.com**.

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