



MANUFACTURING EXCELLENCE

1. Cost effective.
2. Integral.
3. Versatile.

atum3D believes additive manufacturing will lead to the next industrial revolution. Plastic parts are everywhere. Imagine the benefits of starting production runs right after R&D is completed, without lead times. Upgrading part designs on the fly, without downtime or additional investments. Just-in-time production reducing stock levels and costs. atum3D introduces the Manufacturing Excellence Pack: the first manufacturing product incorporating the latest DLP technology, offering speed as well as production-grade accuracy and materials.

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3D Manufacturing Excellence

MANUFACTURING EXCELLENCE PACK

This comprehensive and versatile atum3D product includes everything an industrial plastics manufacturer needs to start production straight away. Instantly start saving time, effort and waste, significantly lowering the cost-per-part.

WHAT'S INCLUDED?

We've selected the most popular products and services for manufacturing to comprise the Manufacturing Excellence Pack.

HARDWARE

- **DLP Station 5 + Base**
 - » State-of-the-art DLP Station with a powerful 405 nm or 365 nm wavelength light source and 50, 75 or 100 micron resolution, exceptional speed, accuracy and atum3D's proprietary open material platform. Includes Base for optimal operating height and storage purposes.
- **Cleaning Station**
 - » Cleans excess resin from finished items using ultrasonic soundwaves and ethanol.
- **Curing Station**
 - » Cures cleaned parts with UV light (405 or 365 nm) to reach final material specifications, fast.
- **Finishing Toolkit**
 - » Includes all the tools to remove supports and polish your parts in a fraction of the time: Nippers, Tweezers, Precision Hammer, Paper Holder, Resin Tray Podium, Sanding Paper.

SOFTWARE

- **Operator Station Professional (single workstation)**
 - » Our proprietary software prepares your design for print in just a few clicks. The Pack includes a 1 year license for a single workstation.

RESIN

- **Manufacturing resin (1 liter)**
 - » Our personal advice to find your optimal manufacturing resin, based on your application and desired material properties.

CONSUMABLES

- **Starter Kit**
 - » All consumables you need to start working straight away!
The Starter Kit includes: Build Platform, Resin Tray, Resin Puller, Resin Curing Flashlight, Spatula, Spray Bottle, Funnel with Filter, Nitrile Gloves.

TRAINING & SUPPORT

- **Operator Training (online)**
 - » We'll kickstart your DLP experience with an interactive training session, explaining how to set up and use our hardware and software.
- **DLP Support Basic**
 - » You're part of the atum3D family – we're here for you! This support package includes personal support by phone and online.

YOUR BENEFITS

At the heart of the Manufacturing Excellence Pack is our industrial-grade DLP Station, with a powerful light source that allows speed in accurate and consistent repetition. Thanks to the large build envelope, you create many parts in a single run, without impacting build speed. The open resin platform allows you to select your desired material properties based on the specific application. Preparing parts for production is fast and easy thanks to our Operator Station software with MAGS AI technology, which automatically positions and generates necessary supports for your parts. With the included Cleaning and Curing Stations and our Finishing Toolkit, your parts are ready for use, fast.

Summarized, your benefits of the atum3D Manufacturing Excellence Pack include:

- Build speed of up to 90 mm/hour
- Exceptional accuracy, surface finishing and truly round openings
- Create series of plastic parts with production specifications
- Use a wide range of materials with different properties
- Large build platform: create many parts in a single run
- Integral product: includes software, consumables and post processing tools
- Includes training and support from atum3D and selected partners
- Unparalleled cost-per-part



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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