

# **Amphyon** additiveworks

**Amphyon is a comprehensive standalone software tool, incorporating all of Additive Works' technology modules. Apart from Amphyon's ease of use, it comes with a huge variety of state-of-the-art features:**

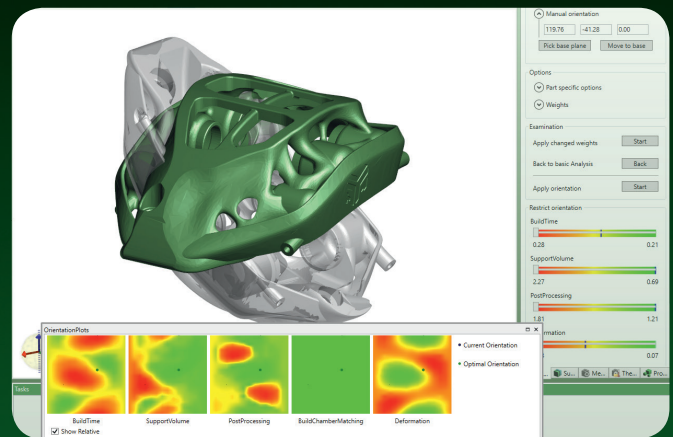
- **Find the ideal build up orientation**
- **Optimize and generate support structures**
- **Achieve thermally stable build job set ups**
- **Avoid recoater interference**
- **Compensate stress induced distortion**



Amphyon was designed to assist designers and process engineering in preparing metal AM build jobs by understanding and solving manufacturing issues like part distortion or support delamination. By enhancing part accuracy and minimizing failure rates, quality and profitability of your metal AM business unit can be significantly increased!

## WHY AMPHYON?

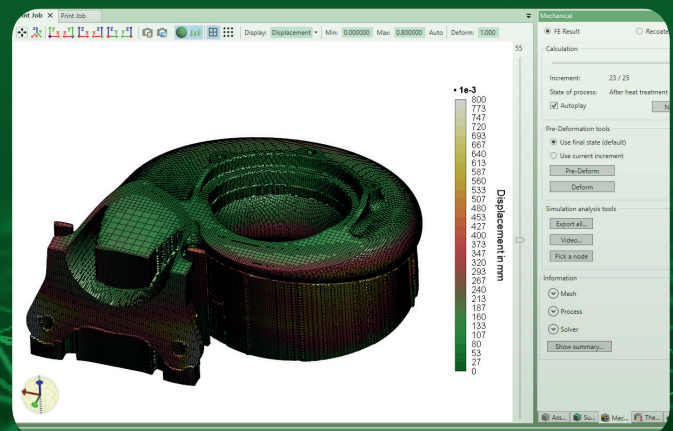
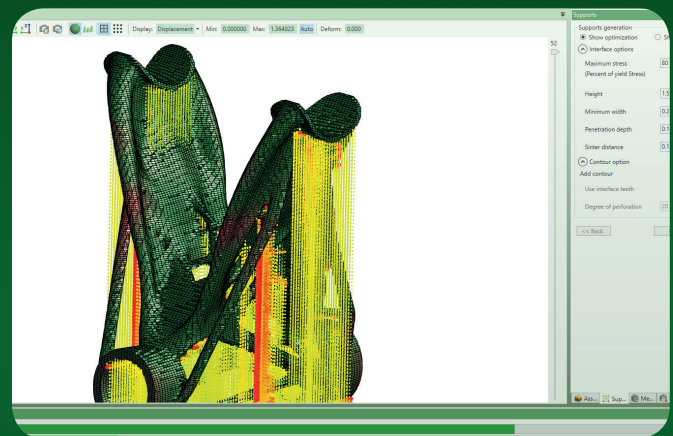
If your business is often confronted with many new and/or complex geometries, Amphyon standalone will be the tool of choice to prepare processes based on simulation knowledge. Thereby, significant reductions in cost per part as well as lead times can be achieved by eliminating trial-and-error based process preparation.



## PREMIUM SUPPORT SERVICES

In addition to the Amphyon software license, Additive Works experts will use their profound knowledge of metal AM processes to identify issues with your processes and determine build job set ups that will give you optimal results in terms of part quality and machine utilization, including

- **Problem Identification**
- **Development of simulation-based solution**
- **Simulation Benchmarking**



## CONTACT

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