

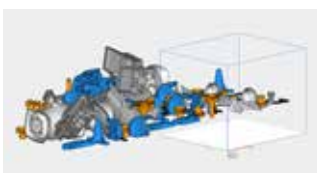
The Materialise Magics Sinter Module provides a complete toolbox to make any plastic sintering process time- and cost-efficient, while offering a responsive and high-quality service to your customers.



Reasons to Choose the Materialise Magics Sinter Module

Obtain Excellent Part Quality

Through smart part distribution within the build volume, you can ensure both dimensional and surface quality of the highest level. Fragile parts can be protected by a crate.



Optimally Use Available Machine Capacity

The Magics Sinter Module will lead you to the best distribution of parts over your available printers, taking into account part priorities and other properties.

Commit to Tight Lead Times

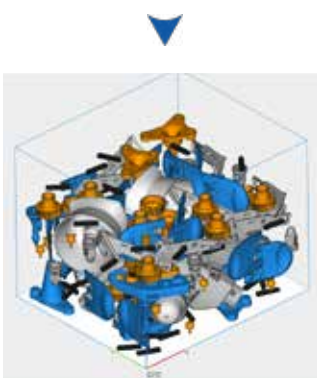
Add last minute orders to a running machine without the risk of build failure.

Facilitate Job Quoting

Create a sub-nest of parts from the same order to calculate the representative build volume and thereby offer your customer a correct quotation.

Run a Profitable Business

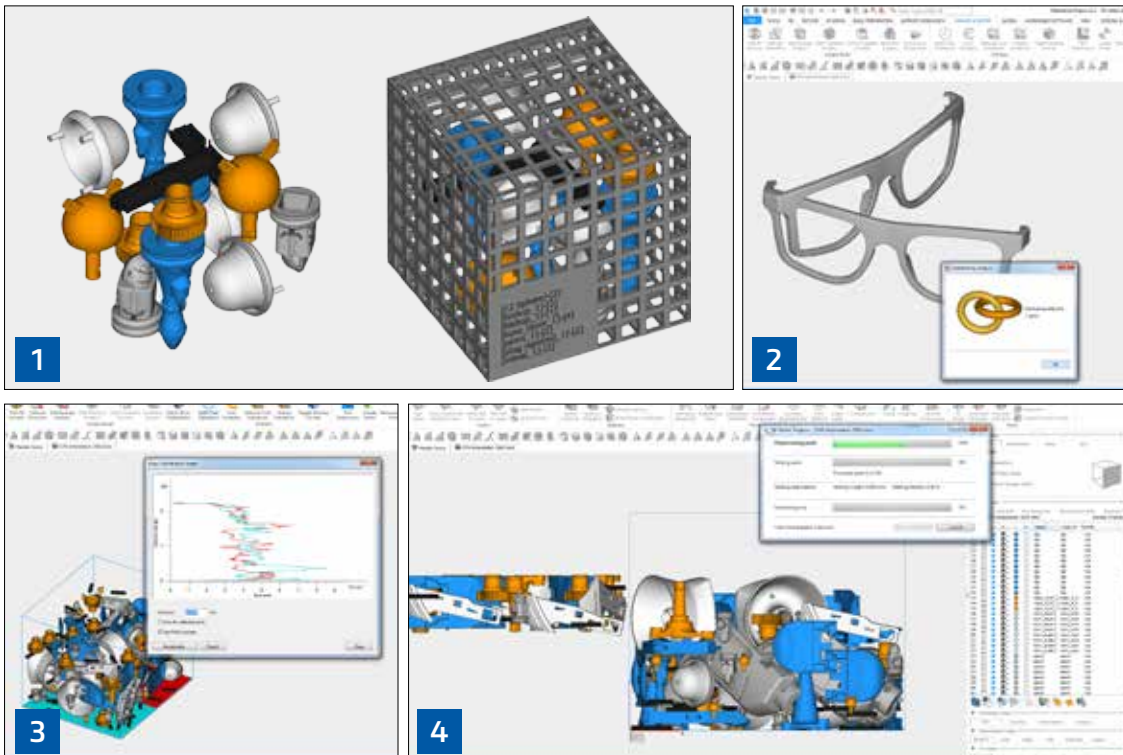
Increase part density and printer profitability, while reducing powder usage and avoiding scrap parts.



Tune Part Nesting to Your Needs

The Magics Sinter Module is based on the understanding that every 3D printing environment has its own needs and strategies. You can rely on the software's powerful, accurate and incredibly fast multi-core nesting algorithms, but also adapt parameter settings for every situation.

- Assign the rotation freedom for each individual part in steps of 15°
- Assign translation freedom for each individual part
- Analyze and optimize slice distribution
- Define no-build zones
- Assign priorities to parts
- Generate protective cases to group small parts and protect fragile parts



- 1 Protective sinterboxes
- 2 Interlocking analysis
- 3 Slice distribution
- 4 Renest above a certain height

Enhance Your Laser Sintering Process

Furthermore, Materialise Magics includes a whole range of tools to take full control of your plastic sintering processes, such as:

Wall Thickness Analysis - Shape Sorter - Part Labeling - Mass Labeling - Props Creation - Import any model as 'no-build zone' - Job Reports - Slice Preview.

A Joint Development

The Magics Sinter Module has been developed and continuously improved in close collaboration with its users. It is then validated at Materialise production facilities before being offered on the market.

Materialise Magics is part of the Materialise Magics 3D Print Suite. This software platform allows you to fully control every step of the 3D printing process, from design to printed part.

For more information about Materialise Magics, contact us at: software@materialise.be or visit our website materialise.com/software.