



New Version
with exciting new features

SPR-Pathfinder® Software

The SPR-Pathfinder® software is compatible with the Solukon depowdering systems SFM-AT350/-E (latest version), SFM-AT800-S and SFM-AT1000-S.

Overview

The unique SPR-Pathfinder® is the game-changer for a fully automated serial cleaning of laser-melted metal parts.

The software uses the CAD file of the build job to calculate the ideal motion sequence to remove powder from complex internal structures.

Features

- calculation of the whole build job (also different parts on one build plate)
- consideration of the material-specific flowability
- pre-simulation of powder removal process **New**
- optional pre-cleaning **New**
- dynamic calculation of the voxel size **New**

Procedure in the software

1. Upload the CAD file.
2. Adjust the calculation parameters.
3. Choose the location for your file.
4. Start the calculation process.
5. Transfer the cleaning program to the Solukon depowdering system via flash drive or OPC UA.

System requirements

Compatible Solukon systems	SFM-AT350/-E (latest generation) SFM-AT800-S SFM-AT1000-S
Operating system	Windows 10 or more recent version
RAM	> 32 GB
Hard disc space	min. 50 GB
CAD file	STL binary format (not ascii)

With Siemens De-powdering Software Algorithm for Additive Manufacturing Technology & License