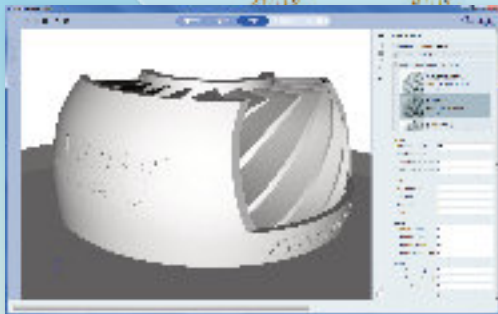
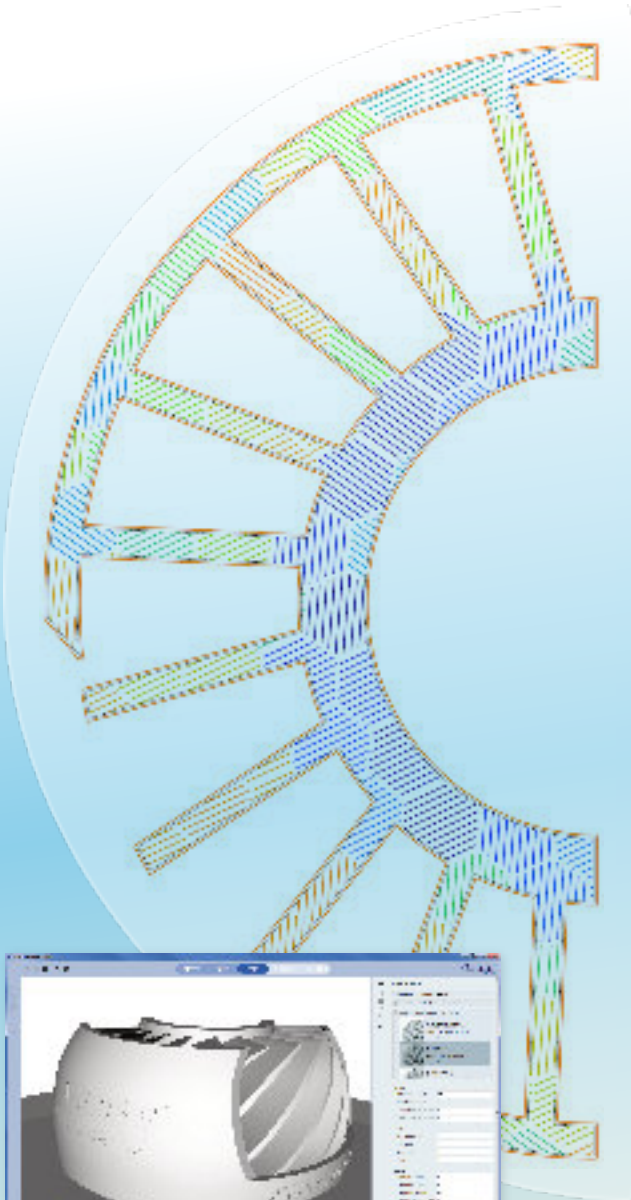


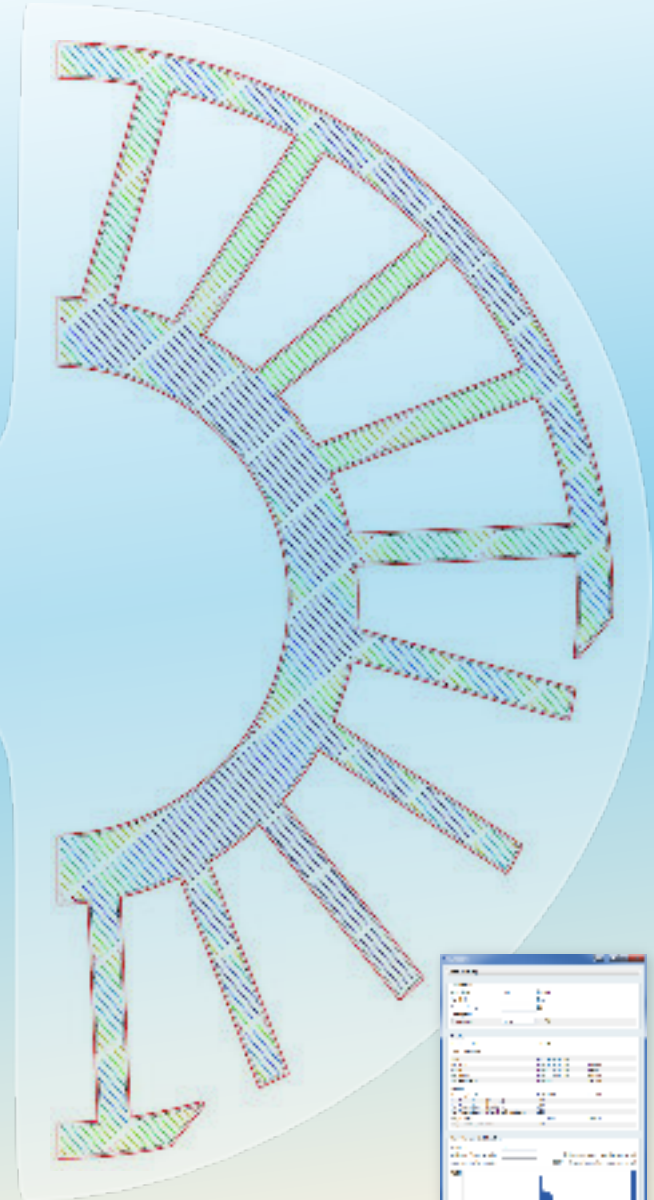
Towards support-free parts

GENESIS hatching preprocessing software for metal additive manufacturing features STL-Import, slicing, simulation-based part analysis and an innovative adaptive hatching generation reducing the need for support structures in overhanging regions.



◀ **Simulation-based hatching**
Support-free by using a strategy with adapted hatch orientation

Conventional hatching ▶
Standard stripes including additional analysis features avoiding short scan vectors



Bundles & Packages

BASIC

Standard strategies



Islands Stripes

ADVANCED

Standard strategies



Islands Stripes

Simulation-based



SB-Islands SB-Stripes

PROFESSIONAL

Standard strategies



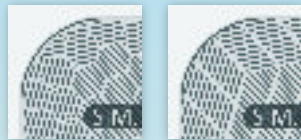
Islands Stripes

Simulation-based



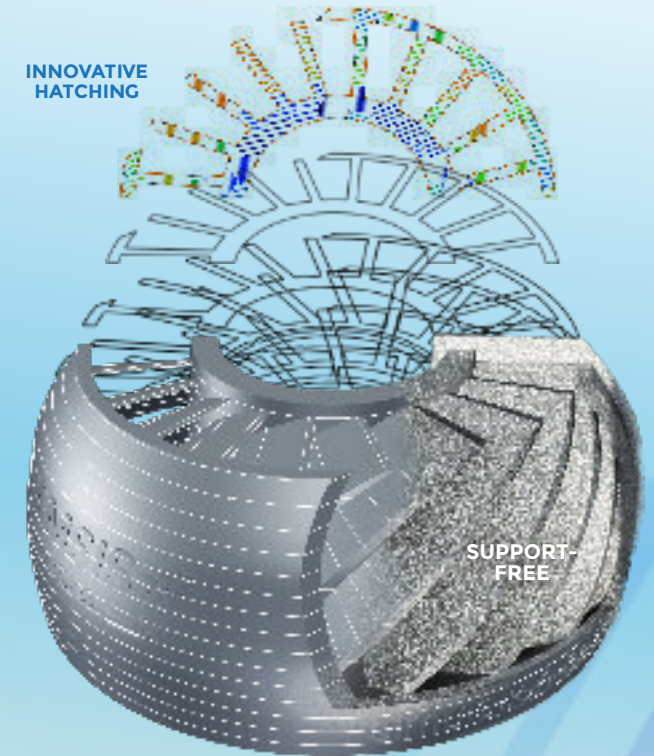
SB-Islands SB-Stripes

New simulation-based patterns



Hexagon-Islands Pro-Stripes

**PREPROCESSING
SOFTWARE**



Included features

- Reduce short hatches
- Contour hatching
- Layer rotation
- Gas flow orientation
- CLI-export

For simulation-based strategies:

- Reduce support
- Reduce distortion
- Skin / Core strategies with
- Recognition of overhangs

Contact

AMISIS GmbH
Bremen, Germany

info@amsis.de
www.amsis.de

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