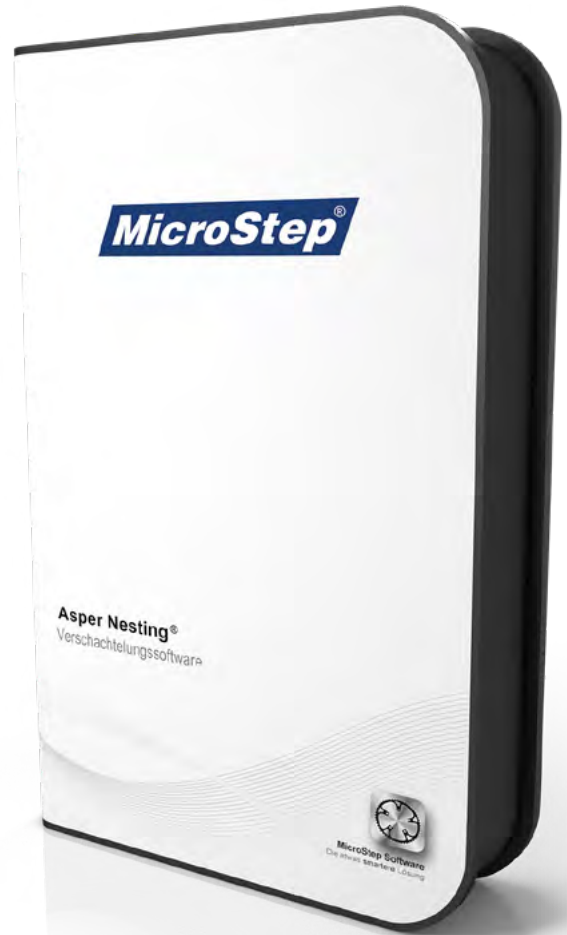# Asper® Nesting

The tool for efficient automatic nesting

Nest your parts efficiently in an uncomplicated and intuitive manner, even in large quantities and across several sheets. Whether it is about manufacturing according to order priority, reducing the heat input into material or simply working as material-saving as possible – Asper® Nesting makes the job easy! The suite also offers numerous other options: from quickly determining how many plates are required or nesting for multiple heads cutting simultaneously, to integration into production management systems for fully automated cutting lines.

Asper® Nesting automatically recognizes information such as markings, part quantities, bevels and drilling information (for the PLA & DSTV file formats). Optionally it also allows to import 3D models in STEP format.

The software can be expanded to include an expert menu for fine-tuning of the nesting settings (Optimizer feature).

Plasma | Oxyfuel | Laser | Waterjet

Optimal material utilization

Asper® nests the parts fully automatically to achieve optimal utilization of material. The user gets to choose from different nesting criteria: maximum material utilization, order priority, shortest cut time or others. For fine-tuning of material utilization results, an optional Optimizer feature can be included.

Nesting by material type and thickness

Asper® Nesting takes into account the type and thickness of the plate to ensure that the parts are always cut from the correct material.

Sorting by orders

In conjunction with the MicroStep production management solution CyberFab® Manager, individual parts can be sorted according to various criteria, such as the order number, customer number, material thickness, or material type, allowing them to be more easily managed. Plate and residual material management is also included.