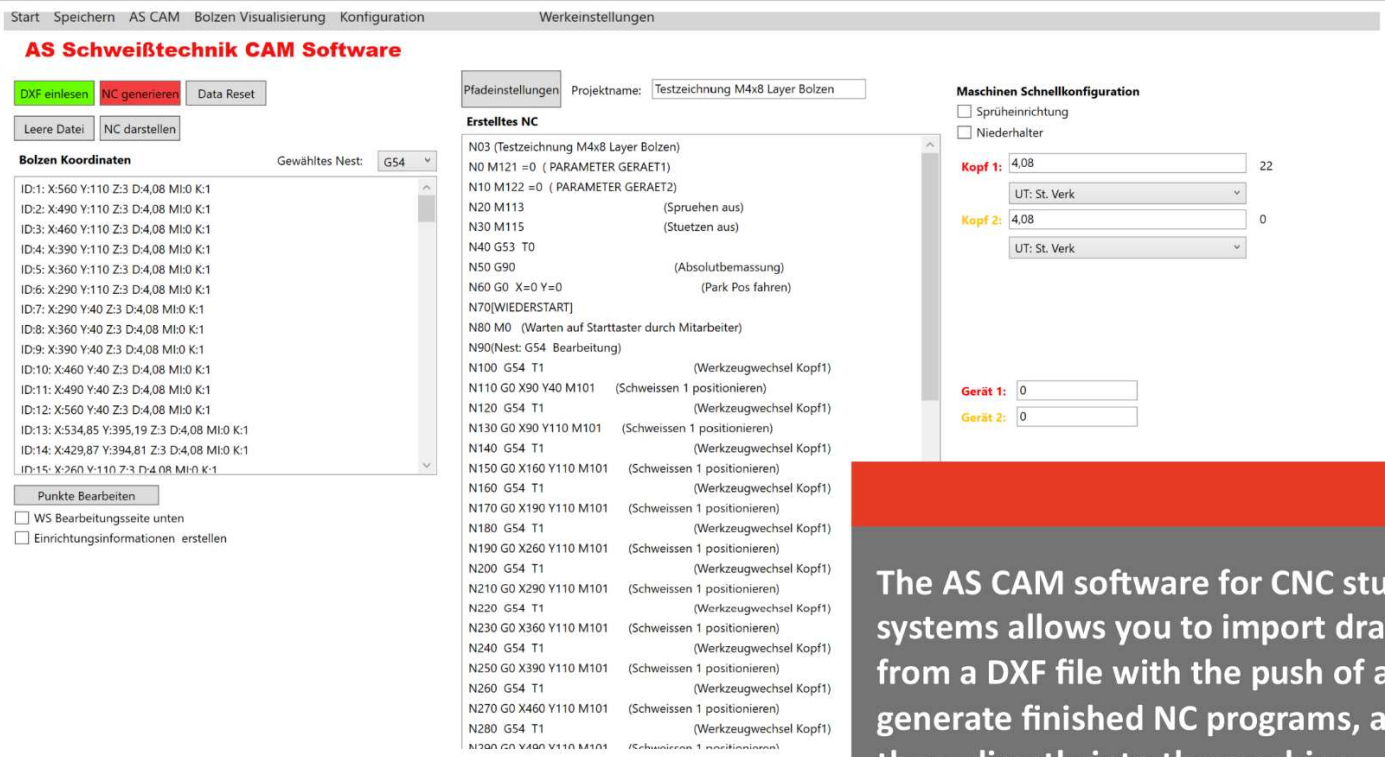
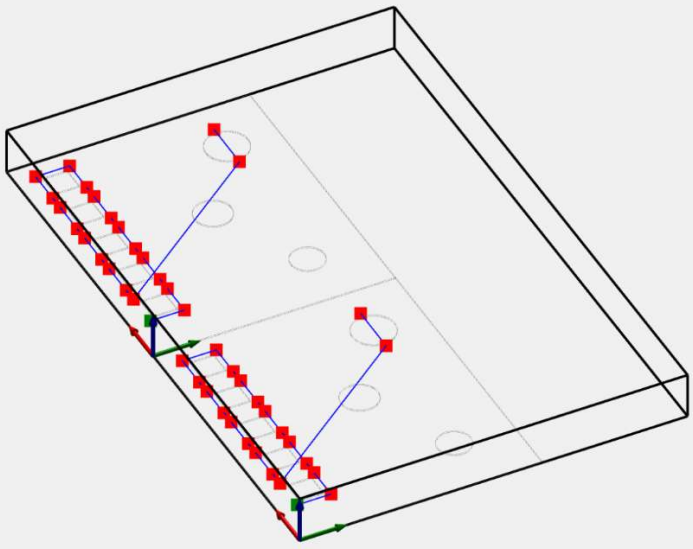
DXF STEP

AS CAM Software

quick and easy programming





The AS CAM software for CNC stud welding systems allows you to import drawing data from a DXF file with the push of a button, generate finished NC programs, and load them directly into the machine.

This helps avoid long programming times and simplifies the setup of new workpieces. It saves a lot of time, since otherwise each position would have to be programmed manually.

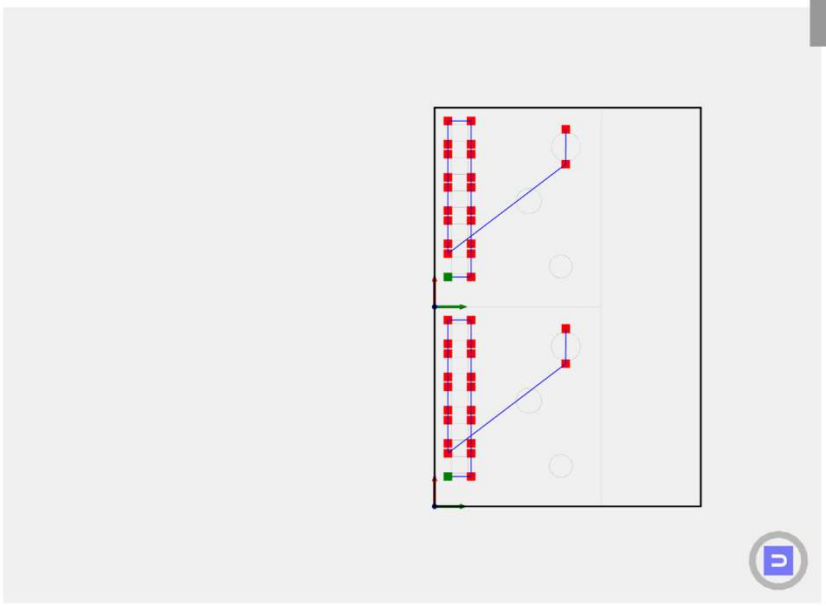
Thanks to the graphical visualization, you no longer need to delve deeply into programming. The machine parameterization and positioning on the workbench are conveniently carried out in a graphical interface.

The latest generation includes an extension for STEP files. This enables automatic programming in 3D space for machines equipped with a Z-axis.

- graphical 3D program visualisation
- graphical processtime optimization
- color-coding welding head assignment

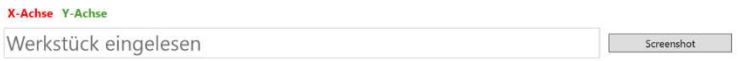
functions overview

automatical nesting feature



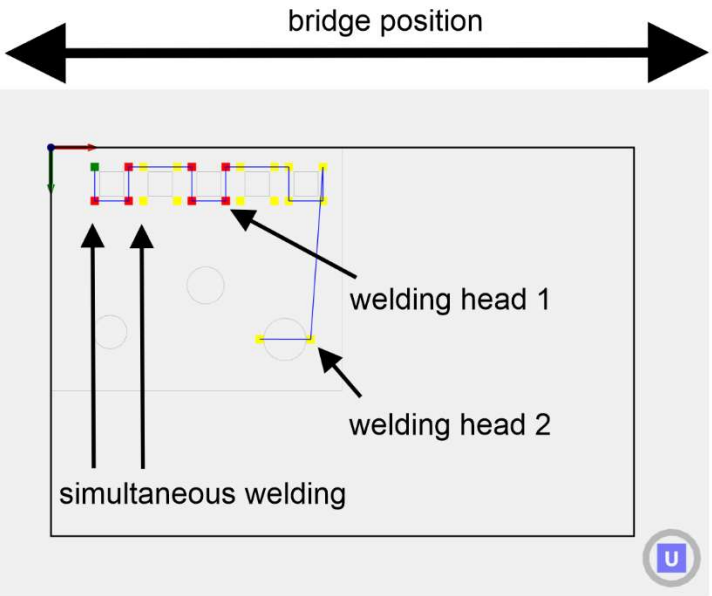


- Automatically generate up to 6 nests
- Each nest can be edited individually [Transformation / Path Optimization / stud Activation]
- Zero-point offsets can be set individually
- Automatic collision monitoring
- Automatic program transition sequences



Screenshot option for creating work instructions for operators.

time Optimization / Multiple Welding



The AS CAM software is equipped with automatic processtime optimization.

1) Finds the shortest path to enable a time-efficient welding sequence

2) If the system allows simultaneous welding with two heads, a head optimization is performed. This allows studs to be detected within the spacing of the heads and then utilized in the program for parallel welding as well.

interactive 3D visualisation

Clicking on a studs's position displays all relevant information about that stud.
Here, you can view and edit all the information.
You can deactivate studs and activate individual ones to create programs for repair welding.

