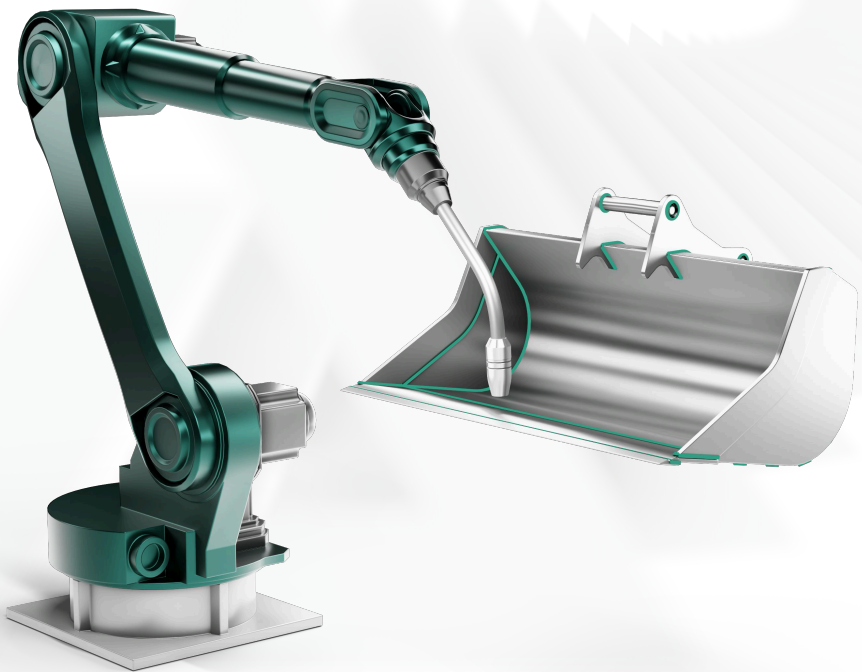




Automated programming for welding robots



Generate programs

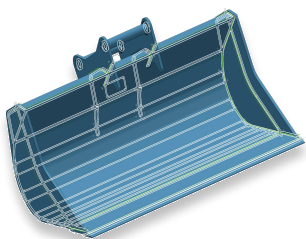
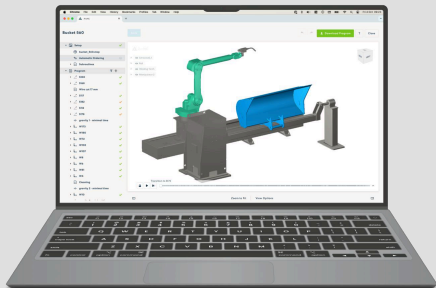
10x faster

Training time

<2 hours

Designed for Welders

ArcNC's intuitive interface and advanced automation enables anyone to program welding robots in minutes.



Robot Motions automatically calculated

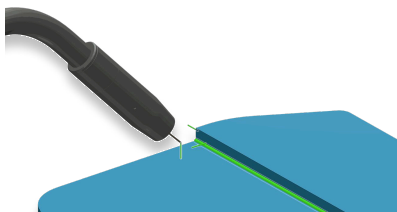
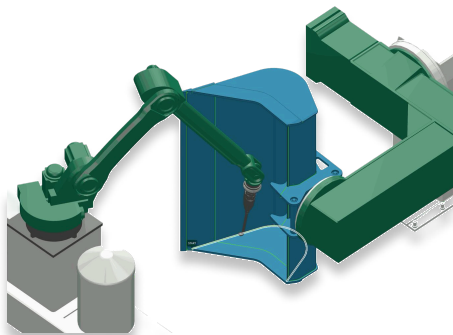
Collision-free robot motions are automatically calculated for welds, search motions and transitions between them.

Robot singularities, cable stretching or clamping, and collisions are automatically avoided.

Part positioners and additional robot axes (eg. rail) can be controlled synchronously.

Welds automatically extracted

ArcNC identifies potential welds on your assemblies automatically. No need to specify welds inside your CAD drawing. The weld sequence can be optimised automatically, and adjusted manually.



Search Motions automatically generated

Search motions are generated automatically to compensate for any deviation between your CAD models and the real world.

Powered by **AI**



"The time saving is massive"

Grzegorz Koszykowski, Design Engineer



"ArcNC reduces a multi-day programming task to a few hours"

Simon Hewitt, Owner



"We now use the robot for single-piece production due to ArcNC"

Engelbert Froschauer, Owner



"With ArcNC, we save enormous amounts of downtime"

Tobias Peter, Head of the Welding Department



Compare with
other solutions

