HSMSimul
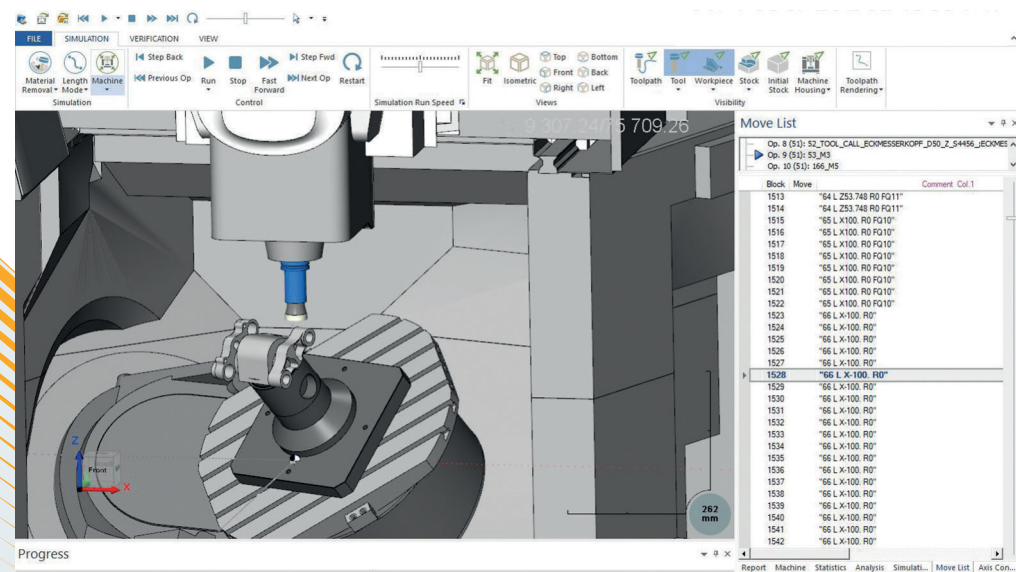
Professional

HSMSimul Professional offers a complete mapping of the cnc machine and simulates nc programms based on the real g code after the postprocessor run.

Complete g code simulation with all machine details. Detects collision, travel limitations, damages on the workpiece and on the cnc machine before the REAL machining.

HSMSimul

Professional

Software for g code simulation

for Autodesk CAM with SolidWorks / Inventor / Fusion 360

SAVE TIME

SAVE COSTS

OPTIMIZE PRODUCTION

AVOIDE MACHINE DOWNTIME

CAMWERK

CAMWERK GmbH
info@nc2check.de
www.nc2check.de

Simple, intuitive use

Get tool data directly

Complete simulation of all movements

ECONOMIC ADVANTAGES

⊕ Advanced verification of feasibility
through virtual mapping

⊕ Consideration of clamping situations

⊕ Keeping delivery on time

⊕ Minimize off-cuts, refinishing and
error parts

⊕ Time and cost savings

⊕ Advanced determination of the optimum workpiece position
⊕ Avoid machine downtime
⊕ Reduce of set-up and retraction time

⊕ Exact processing tim
⊕ Avoiding empty tool paths
⊕ Avoiding corrections on the machine
⊕ Reducing programming time through visualisation

⊕ Full collision check and limit switch check of all machining
motion sequences
⊕ Including all retraction movements between operations from tool
change point to machining

⊕ Ideal support for new employees through fast and easy learning of new
machines and controls

⊕ Operation hours at the PC are far cheaper than at the machine, which
allows for considerable cost saving

⊕ Fastest and most accurate calculation of the nc program

⊕ Supports Siemens 840D, Heidenhain iTNC530, iTNC640, Mazak Matrix, Fanuc,
Hurco, as well other manufacturers

THE FEED FOR
WORK PREPARATION

HSMSimul
Professional

Software for g code simulation
for Autodesk CAM with SolidWorks / Inventor / Fusion 360

⟋⟍ COMPLETE MAPING OF THE ENTIRE TOOL
PATH WITH ALL MOVEMENTS

↻ IMPORT OF TOOL DATA FROM
INVENTORY AN CLOUD

SIMPLE, INTUITIVE USE

www.camwerk.de

Avoid collisions before they happen!