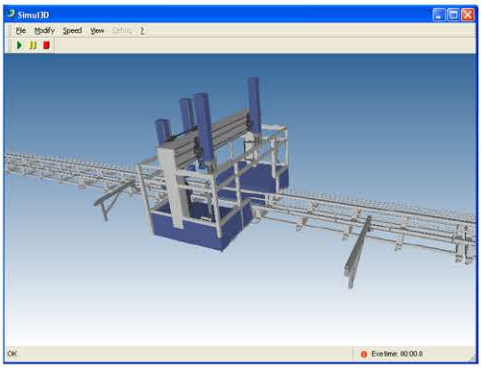
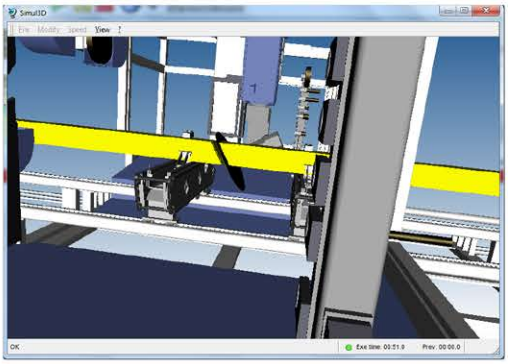
Simul_3D

GENERAL FEATURES

Simul 3D is a three-dimensional simulation environment designed for the analysis of the machine motion.

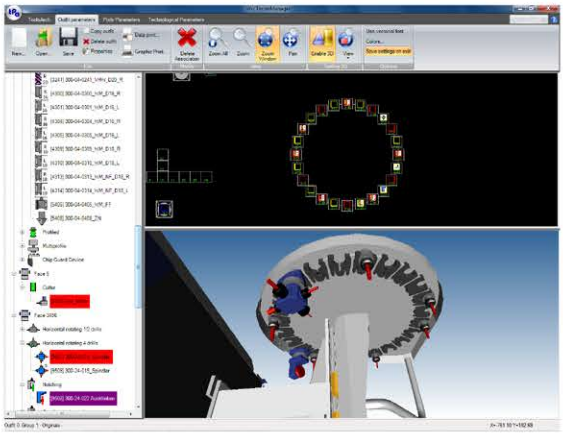




This application shows a three-dimensional model of the machine allowing the view of:

- Motion of the mechanical part of the machine
- Machining on the piece
- Motion of the tools
- Possible collisions of the tools with the clamping devices of the panel.
- Exact calculation of the machining time for the single piece.

FUNCTIONAL CHARACTERISTICS



The software is mainly used to

- carry out commercial demo
- evaluate the execution times of one or several different types of panel
- check if the panels can be processed.

Thanks to Simul_3D you can analyse any collisions or motion faults of the machine itself.

Simul_3D also allows the testing of machine cycles for prototypes not yet produced, enabling you to reduce the testing time on the machine and any damage caused by bugs of cycle.

A version of the 3D model of machine (static mode) is also available in the application that manages the technological parameters. Outfitting the machine, three-dimensional models of the tools are created and inserted in the machine.

UTILITY

- Faithful representation of the machine
- Real motion of the mechanical devices and of the machine tools
- High reliable process times
- Reliable analysis of the feasibility of the piece within the collision test
- Attractive graphical user interface that can be used as commercial Demo.

code SW4.1.01