technical office

FSTML

FSTML is the software dedicated to managing the machining library (macros).

The intuitive interface of FSTML has been specially developed to create and manage parametric macros that automatically adapt to profiles. Perfectly integrated with machining centers and/or machining lines from Fom Industrie, FSTML connects to the machine database, synchronizing tool tables and profile archives. In the event that it is connected to more than one machine, FSTML assigns the most suitable tool to the macros and sets differentiated machining rules for each machine. FSTML is integrated with major software producers through the P2K2 format (FOM standard), while for specific formats such as NCX or NCW, additional modules are available for importation. FSTML's powerful macro management engine also handles parametric macros and allows for setting rules to automatically modify macros based on information received from office software.

Features of FSTML:

3D design environment

Profile library with customisable hook points

Multi-machine management (machining centres or lines)

Multiple profile macro association

Flipping or parametric macro management

Macro/machining replacement rules management

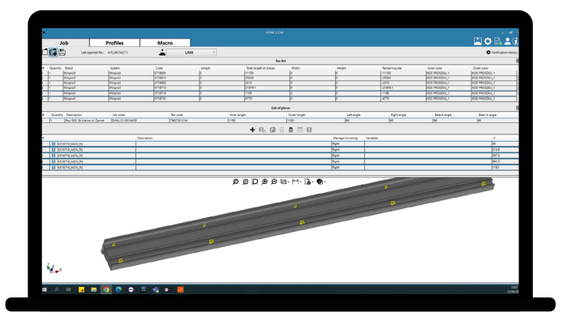
Connection to Fom machines for importing tool tables and automatic alignment of the profile position in the machine

Import and export driver via Fom protocol

Export or import driver for NCX, NCW or other customised formats (optional)

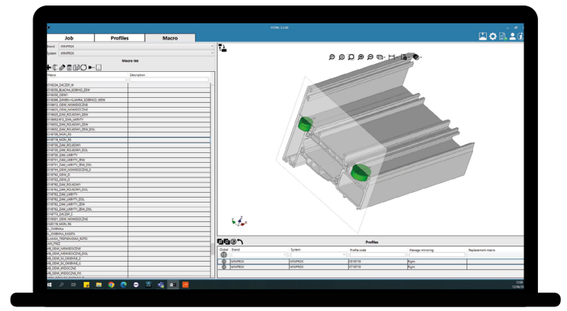
Machine connection

Fully integrated with the CAM systems of machining centers and lines from Fom Industrie, FSTML imports the tool table from each connected machine and automatically synchronizes the profile's processing position on the machine with its position in the ML archive, thereby speeding up the software startup process.



Centralized macro library

Macros designed with FSTML can be used on all machines connected to the software, as the user specifies the optimal tool for each machine during the design phase. Additionally, based on each machine's characteristics, different execution modes for machinings can be defined.



Parametric macro management and machinings replacement rules

FSTML also manages parametric macros whose position, size, and repetitions adapt based on information received from office software. In cases where the office software has its own machining library, FSTML allows you to set replacement rules to modify the received machinings according to your needs.

