

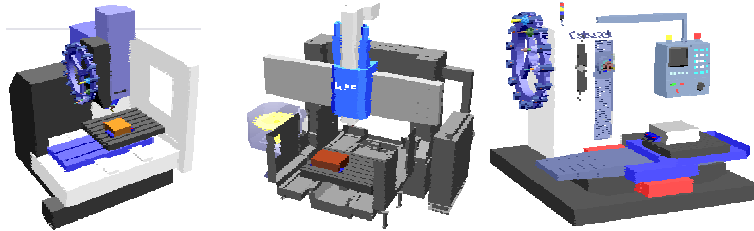
CAD/CAM/CNC

V- Machine

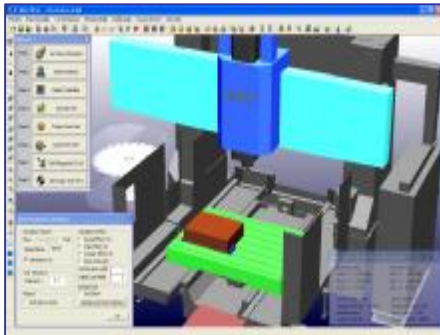
User Definable CNC Simulator for Industry

Introduce

Our software is used for CNC Machining Process Training
CNC Basic and Advanced Training
CNC Course for education

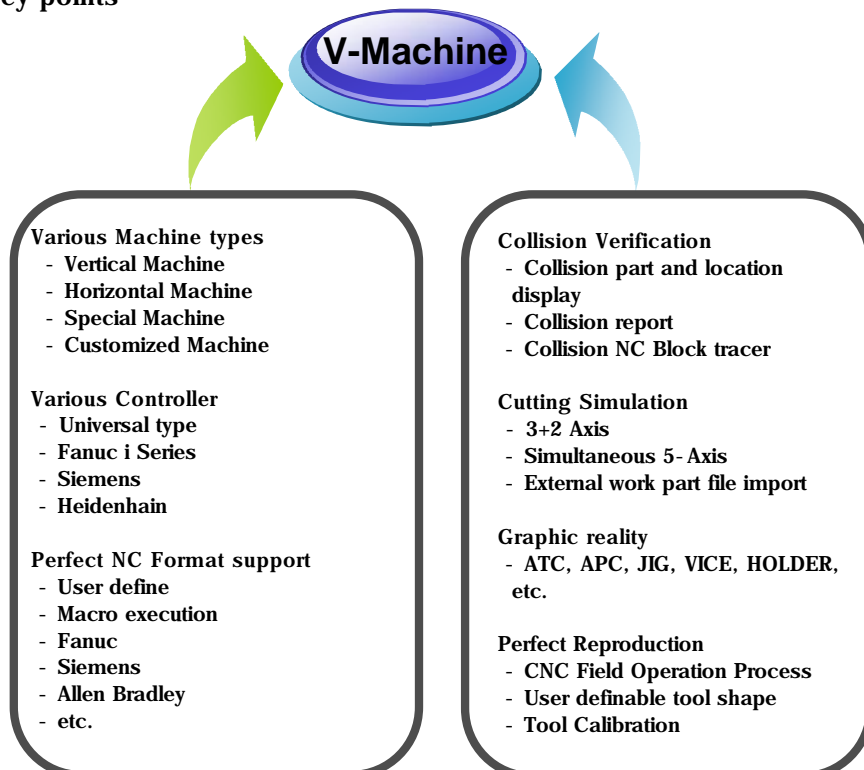


V-Machine has been designed specifically for educational and technical training purposes
V-Machine means Virtual – Trainer for CNC-Machine operation, Controller operation,
NC- Code Programming, and Virtual reality manufacture

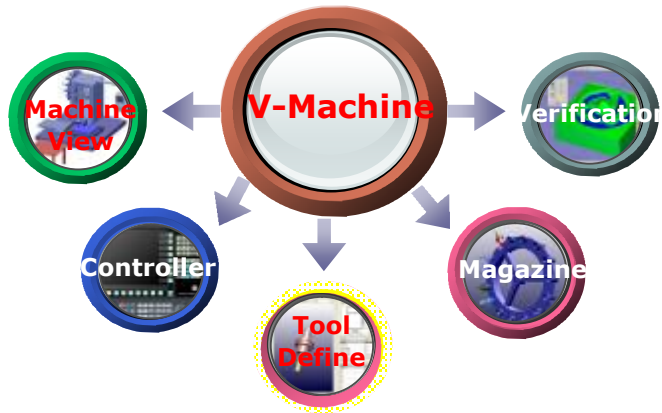


V- Machine

Key points



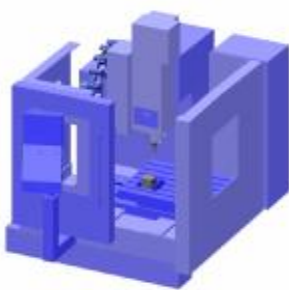
Component



Feature1

*CNC Machine View

- Dynamic 3D Virtual reality CNC Machine
- Different machine types according to the work part size
- Easier work part and tools setup, Easier offsets input, and Easier the cutting origin setup



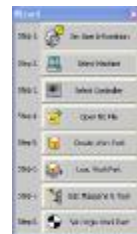
Large-sized Machine



Small-sized Machine



Vertical Machine

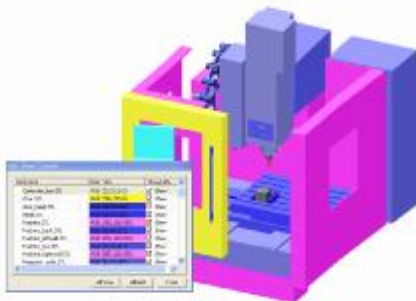


Wizard for Machining set-up

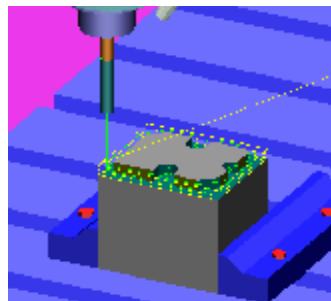
Feature2

*CNC Machine Simulation

- User defined color of any object (tool, holder, work part, ...)
- Different user defined color for each tool path
- Complete collision check and showing color distinguished



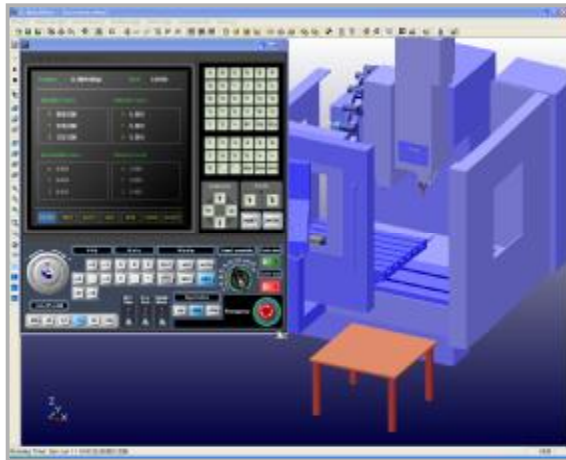
User Definable color



User Definable tool-path color



Collision Check



Machine Simulation [AVI]

Feature3

*Controller and CRT

- Various controller Types (Fanuc Series/Siemens/Neutral type)
- CRT including soft keys and functions like real CRT
- Controller Panel including MPG, Mode switch, DryRun, Single Block and other operators like real Panel
- NC Code analysis in the real time
- NC Grammar Check



Siemens 840D



FANUC 0M



Neutral

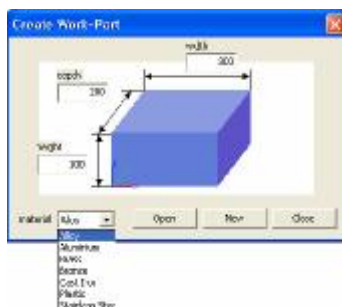


Fanuc (18i)

Feature4

*Work Part

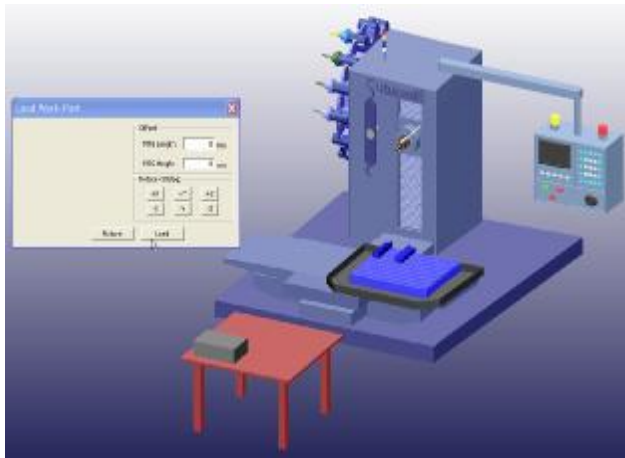
- Support stl File format (Export/Import)
- Load Work- part function
- Work- part Offset and Rotation function



Work-Part Create



Load Work-Part Create

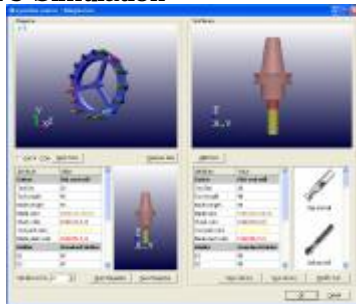


Work-Part Loading [AVI]

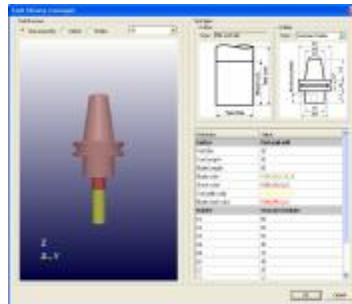
Feature5

*Tool & Magazine

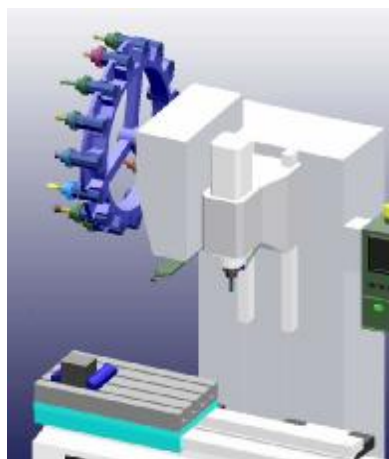
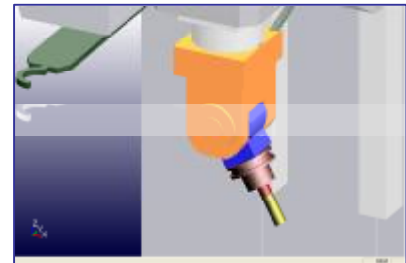
- Various shape of tool support
- User definable Tool & Holder
- User definable Magazine
- Attach part define for machining by import(stl).
- ATC Simulation



Magazine Define Window



Attach Tool



ATC

Feature6

*Jig & Fixture

- Various Jig & Fixture
- Fixture offset function



Offset Fixture



Select Fixture