Vintech NCV

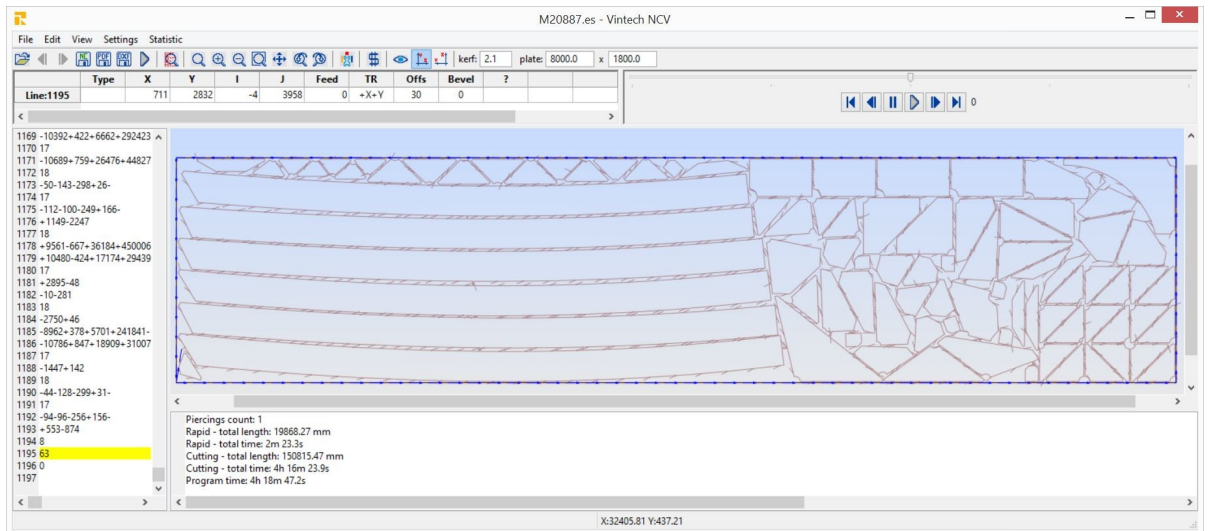System for verification of NC programs for thermal cutting

Purpose of Vintech NCV

Verification of NC programs and NC program packages for thermal and water-jet cutting.

Characteristics

➢ **Vintech NCV** generates a graphic simulation of the processing moves of ESSI and ISO / EIA NC programs, and:

- checks for correspondence between NC commands and the moves of the graphic simulation,

- verifies NC programs with subroutines in absolute or relative coordinates, with translation and / or rotation of the subroutines,

- allows direct editing of the NC programs,

- uses CNC machine profiles to verify programs with different structure and format,

- monitors program registers and calculates the number of pierce points, the time and distance for rapid and cutting moves,

- measures distances between points on the graphic simulation of the NC program,

- creates a technological sketch of the NC program in PDF and specification in HTML.

➢ **Vintech NCV** loads NC programs and NC program packages in the CNC controller via serial DNC interface. Allows management of the DNC interface by the CNC controller (Linatrol, Burny, Mazatrol, Amada, etc.).

➢ **Vintech NCV** generates cutting programs with post-marking by using a post-processor for converting the text data into NC marking code for the specific CNC machine.

➢ **Vintech NCV** converts ISO/ESSI NC programs and saves the geometry in AutoCad DXF file format.

VINTECH – Your partner for CNC thermal and jet cutting of sheet material!

VINTECH is the author and the creator of **Vintech** CAM system – a system based on IT excellence and more than 40 years of experience in the integration of effective CNC/CAM/MES solutions.

Vintech RCAM 11- CAM system for true shape nesting and NC programming,
Vintech Pipe- CAM system for NC programming of 2D pipe cutting machines,
Vintech Duct- CAD/CAM system for production of flat patterns of fittings of HVAC systems,

Vintech NCV- Verifier of NC programs for thermal cutting,
Vintech Manager- CAPP system for preparation of the nesting production,
ViNES- MES system for management of the nesting production.

We create software for managing Your future!