



Computer Aided Manufacturing Software

CS EDM2000

Windows native program



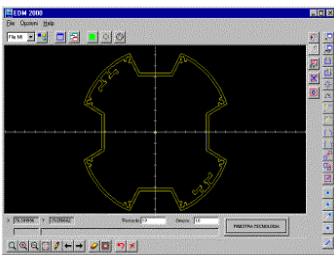
CS EDM2000 is an easy-to use program oriented to serve wire EDM Machines on four axes.

CS EDM2000 is **WINDOWS®** native and joins to the high performances the friendly use of Dialog Box and Icons.

The interpretation of more common CAD formats like MI, DXF, IGES 2D, IGES 3D enables the quick bridge from the mechanical drawing to the CNC File for machining.

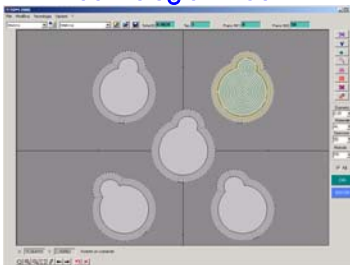
The geometric window displays the loaded files and enables the commands to modify and optimize the drawing, the geometric window is also enabled to define independent geometry from the CAD :

Geometric window - CAD file



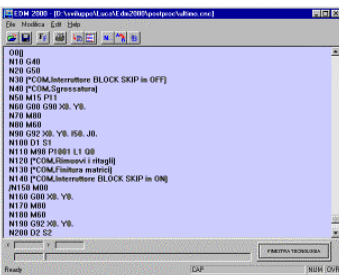
- ◇ POSITIONING OF THE ZERO WORKING (ALSO FOR A LOT OF PARTS SIMULTANEOUSLY LOADED).
- ◇ Clearing OF UNNECESSARY GEOMETRY AND MANAGEMENT OF THE ACTIVE COLOURS.
- ◇ REPETITIONS WITH POSITIONING AND ROTATION.
- ◇ INTRODUCTION OF NEW GEOMETRY (IE : **FILLETS** , **POINTS** , **SEGMENTS** , **ARCS** AND SO ON; DEFINITION OF NEW PROFILES NOT ACQUIRED FROM CAD).
- ◇ CORRECTION OF TANGENCY PROBLEMS USING THE COMMANDS TRIM, CUT, EXTEND.
- ◇ IMMEDIATE AUTOMATIC GENERATION OF CANONICS PROFILES (**SLOTS**, **POLYGONS**, AND SO ON).
- ◇ AUTOMATIC PROFILES IDENTIFICATION.
- ◇ AUTOMATIC POCKETING.
- ◇ PARAMETRIC INSERTION OF UNDERCUT IN THE SELECTED EDGES.
- ◇ AUTOMATIC GENERATION OF PROFILES FROM 3D SURFACES CUTTING
- OPTION : IGES3D-CUT** enables the cut of 3D-surfaces, on parallel working planes directly from **IGES 3D** Files, to generate bidimensional profiles to obtain **ROLLED SURFACES (3D SOLID)** USING FOUR AXES.

Technologic window



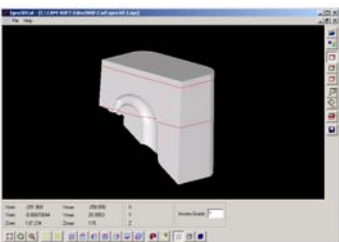
The technologic window displays the profiles to cut and enables the application of the technologic strategies, different for each profile, and the use of User-Defined strategies.

Editor CNC Files window



- ◇ ALLOCATION AND QUICK CHECK OF THE TECHNOLOGICAL PARAMETERS, JUST INTRODUCED, SELECTING WITH THE MOUSE CURSOR THE INTERESTED PROFILE.
- CUTTING PARAMETERS FROM A WELL KNOWN **DATA-BASE**, CONNECTED WITH THE SELECTED CUTTING STRATEGY, **QUALITY** AND **MATERIAL**.
- ◇ CONNECTION OF TWO PROFILES (UPPER AND LOWER) TO GENERATE A **ROLLED SURFACE (3D SOLID)** USING FOUR AXES.
- ◇ DISPLAY OF **3D GENERATED SOLID**.
- ◇ MANAGEMENT OF THE **ADVANCED TAPERING**. (**ANGLE CHANGE** ALONG THE CUTTING PATH).
- ◇ IMMEDIATE LISTING OF THE **CNC FILE** , CONNECTED WITH THE CURRENT MACHINING OPERATION, CAPABILITY TO MODIFY DIRECTLY EVERY LINE OF DATA.

IGES3D-CUT



Benefits :

- Simultaneous data **INPUT** and Check of **DATA**.
- Complete graphic representation of the job with drastic reduction of errors.
- Quick transition among the Geometry and Technology windows to editing : every modify acts immediatly on the **CNC File**.
- Availability of a specially created Editor, on line, for a quick and safe setup of the **CNC File**.
- Graphic simulation of the **CNC File**.
- Availability of many and updated customized technological **Data-Base**.



Computer Aided Manufacturing Software



CAM SOFT puts at disposal of its Customers its solid experience in the solutions of problems in PCs connection, PC with machining tools connection, managing and multiple transmission of CNC Files to machining tools.



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Our Company

CAM-SOFT has been working to realize technical informatic system since 1982, with the support of Hewlett-Packard hardware and software.

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- ⇒ System supply
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- ⇒ Services

Services

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- ⇒ Customer training
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