



Computer Aided Manufacturing Software

# CS CMM2000

## Friendly User Interface



**CS CMM2000** is an application oriented to the analysis of cams wheel flat and cylindrical when is known the follower motion.

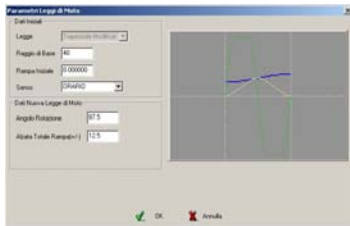
THE ANALYSIS IS FACED IN TWO DIRECTIONS:

⇒ KNOWN THE FOLLOWER MOTION IT IS POSSIBLE TO GENERATE: CAM PROFILE, DISPLACEMENT, VELOCITY AND ACCELERATION DIAGRAMS.

⇒ KNOWN THE EMPIRICAL CAM DESIGN IT IS POSSIBLE TO GENERATE: DISPLACEMENT, VELOCITY AND ACCELERATION DIAGRAMS.

Is also possible to define some Intermittent Working Mechanism as **Geneva Wheels Movement, Star Wheels, Intermittent Drum Mechanism**

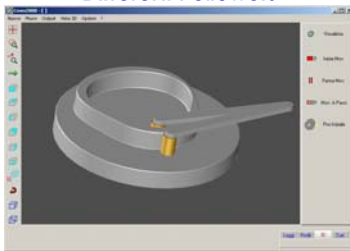
## Various Followers Motion



## Capabilities:

- USE OF DIFFERENT FOLLOWERS (**KNIFE-EDGE, ROLLER, FLAT-FACED** WITH/WITHOUT OFFSET FOLLOWER).
- EVALUATION OF CONJUGATE CAMS (FOLLOWER CONFIGURATION: **ROCKER-ARM, YOKE RADIAL CAM FLAT-FACED**, AND SO).
- GRAPHICS SIMULATION OF FOLLOWER DISPLACEMENT.
- **PRESSURE ANGLE** AND **CAM RADIUS CURVATURE** EVALUATION WITH DIAGRAMS PLOTTING.
- OUTPUT IN **MI, DXF** AND **IGES 3D** FORMAT USEFUL FOR **CAD**.
- **MECAD** INTERFACING ( SOFTWARE APPLICATION FOR **FLAT KINEMATIC MOTION DESIGN** ).
- DATA REPORT WITH IMAGES AND TABLE IN **HTML** FORMAT
- **EXCEL** FORMAT DATA EXPORT.

## Different Followers



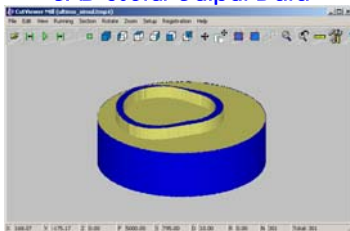
## Evaluation of Conjugate Cams



## Benefits:

- CAPABILITY OF USE OF VARIOUS FOLLOWERS MOTION AND ITS INTERACTIVE MANAGEMENT.
- INDEPENDENT DEFINITION OF THE FOLLOWER MOTION USING A NORMAL FUNCTION **Y=F(X)**.
- DATA ACQUISITION FROM A POINTS FILE (**CARTESIAN** OR **POLAR**) DEFINING A CAM PROFILE.
- INTERACTIVE DATA MANAGEMENT.
- PLOTTING AND PRINTING OF COMPLETE CAM DATA.
- OUTPUT OF CAM PROFILE READY TO USE ON **CN** MACHINE.

## CAD Useful Output Data



**CS CMM2000** is interfaced with other CAM SOFT applications oriented to the working on CN machine like:

- EDM2000** EDM wire profile cutting for dies.
- PGL2000** 2.5 axes milling.



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.



Since 1982 **CAM-SOFT** designs and realizes LAN Network and systems engineering, supplementing its products and services with **Hewlett-Packard™** hardware.

## Our Company

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

CAM-SOFT offers a solid experience in N.C. for the solution of hardware and software problems in the CAD/CAM area.

- ⇒ Organizational and technical advice
- ⇒ System supply
- ⇒ Customized software
- ⇒ Services

## Services

A comprehensive range of support services are available both for design (CAD) and manufacturing (CAM).

- ⇒ Technical advice
- ⇒ Customer training
- ⇒ Software update
- ⇒ On-site and phone support
- ⇒ Customized support

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