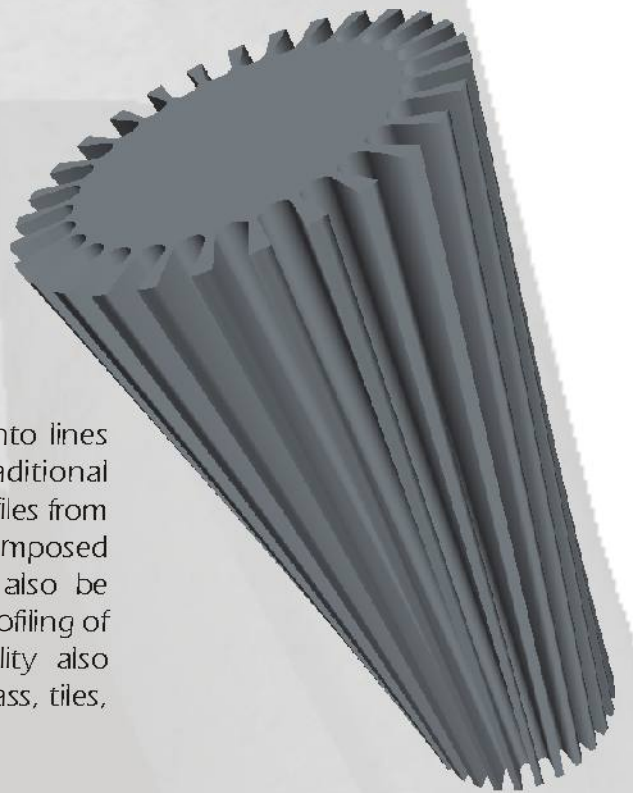


# EDM

**Erotag** is designed for managing wire machining using either EDM or other technologies. The program is integrated into a complete Cad module (Logotag) which can generate machining profiles rapidly without any other drawing programs being required. Geometries produced in standard graphics - DXF, DWG, EPS, PLT, IGS and DSTV files can also be transferred directly to the wire machine.

The automatic conversion of splines into lines and tangent arcs, as well as traditional mechanical processing, means that profiles from sections of three-dimensional models composed of a high number of elements can also be machined. A typical application is the profiling of blanking tools. The program's flexibility also caters for the wire cutting of marble, glass, tiles, etc.





## MACHINING AND CYCLES

With Erotag, machining cycle sequences and the order in which elements are to be machined can be freely assigned.

The same machining can be applied to different profiles.

Contouring of profiles with 2 or 4 synchronized axes allows for continuous conical or cylindrical machining.

Contouring with 4 independent axes generates variable conical machinings which are able to follow the two profiles on the XY and UV planes independently.

Manual or automatic parametric assignment of decelerations, linear discharges, circular discharges, and dwells on corners, synchronism point control.

Independent stop and profile lead-in points on two profiles.

Piloting of machining speeds.

Copying.

Complex machinings on more than profile with automatic consecutive restarts for piece release. This function means that the operator can leave the machine to perform long machinings, and then return to carry out the delicate process of removing the pieces.

