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„ALL IN ONE“ 64-BIT-SOFTWARE

LERGOCAD

- ✓ Drilling strategies
- ✓ Object-oriented structure
- ✓ Definition of machining strategies
- ✓ Automatic calculation of multiple machining strategies
- ✓ User-defined libraries
- ✓ Drawing and typographic design tools
- ✓ Customizable tool bars
- ✓ Creation of text lines and text blocks
- ✓ Scaling wizard
- ✓ Projection onto definable surfaces
- ✓ CAM calculation for milling/engraving and laser machines
- ✓ Manufacturing simulation

PRECISION IS OUR WORLD...



- ✓ Object-oriented control logic and programming structure:
LErgoCAD knows what source data the calculated CAM data sets originated from. As such, after editing the source data, new CAM data can be created easily and quickly.
- ✓ Definition of machining strategies
- ✓ Automatic calculation of multiple machining strategies without time-consuming calculation and saving of the individual machining steps
- ✓ Use your own libraries for logos, cut-outs, lettering, and even complete machining strategies quite simply per Drag 'n Drop



- ✓ Drawing and typographic design tools (incl. mouse capture function, construction lines, raster, measuring functions) and additional tools (e.g. for cropping, hatching, multiple pasting)
- ✓ Customizable tool bars
- ✓ Separate layers for the construction of designs, the definition of surfaces and for incorporation of the calculated milling or laser paths allow the data to be split up and enhance the clarity
- ✓ Navigator for total view and for fast shifting of the zoom window
- ✓ Project idea (all data together in one file) simplifies the reproducibility

Texts

- ✓ Creation of text lines and text blocks

Text attributes and Pens

- ✓ Access to all TrueType fonts installed in the system as well as to existing LANG fonts
- ✓ Creation and editing of character sets

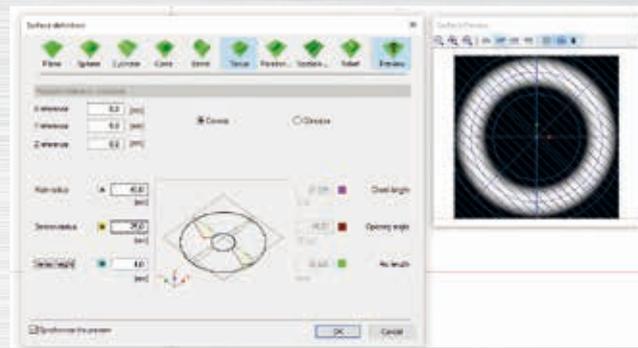
Scales

- ✓ Scaling wizard for simple design of many different scales (round, straight, with inscription) with preview



Surfaces / Projections

- ✓ Projection onto definable surfaces (sphere, cylinder, taper, barrel, torus, paraboloid, string)



- ✓ Different modes (parallel projection, flank-corrected projection, cutter radius-corrected surface, layer optimization to reduce the cutting time)

CAM Calculation for Milling/Engraving and Laser Machines

- ✓ Whether conventional CNC engraving and milling machines, or laser engraving systems - the appropriate CAM data can be created for every system from the same source data
- ✓ Lasereng: Inscription, 3D deep engraving, frosting
- ✓ Manufacturing simulation

Interfaces

- ✓ LANG formats
- ✓ Image formats
- ✓ DXF, HPGL, IGES, WMF, EMF, AI, EPS, PS, DIG, SOR, OLE, ISO (DIN 66025)

