



Bundled Software

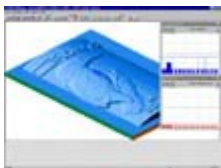
Roland DGA Corporation is an established leader in the manufacture of innovative digital input and output devices for a wide variety of industries, including engineering, engraving, graphic design, jewelry making, manufacturing, mold making, rapid prototyping, and signmaking. Each and every Roland machine is designed to establish a new benchmark for performance and price. Powerful, easy-to-use software compatible with popular industry standards is included in the price of the machines.

3D Engrave



3D Engrave uses 2D graphics or bitmaps to generate a 3D relief model. Importing a PIX file from a Roland 3D scanner is also available for creating 3D designs. The models can be viewed in complete 3D and have user-defined resolution settings to determine the final detail. Machining output is performed from within 3D Engrave and contains most of the same features found in MODELA Player. Included with PNC-2300 and 2300A; PNC-300,3000, 3100 and 3200; MDX-3, 15 and 500.

Virtual MODELA



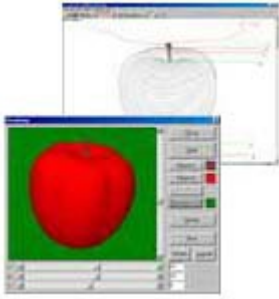
Virtual MODELA enables simulation of finished 3D models and accurately estimates machining production time. Lighting effects, material color or bitmap overlays can be added for accurate finished product representation. Access can be directly achieved from 3D Engrave, MODELA Player or from import of a PRN file. Included with PNC-2300 and 2300A; PNC-300,3000, 3100 and 3200; MDX-3, 15 and 500.

MODELA Player



MODELA Player is a CAM software application that accepts DXF and STL files exported from commercially available CAD/CAM software. It also allows for uniform 3D scaling, selection of milling direction and automatic generation and display of the tool path. Cutting depths and speeds are controlled from a predefined material library or can be set to user-defined specifications. Included with PNC-2300 and 2300A; PNC-300,3000, 3100 and 3200; MDX-3, 15 and 500.

MODELA 3D DESIGN



MODELA 3D DESIGN makes it possible to intuitively create 3D shapes called "objects." An object is created by taking a predefined shape such as a cylinder or sphere and using control rods called "reference lines" to modify the basic shape into the final design. The software also allows adding color for rendering the created shape. Similar to 3D TEXT, files are imported directly to MODELA Player or exported as 3D DXF files. Included with PNC-2300 and 2300A; PNC-300,3000, 3100 and 3200; MDX-3, 15 and 500.

MODELA 3D TEXT



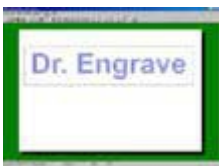
MODELA 3D TEXT will turn any Windows True Type font into a 3D relief for automatic import to MODELA Player or a 3D DXF file format. Included with PNC-2300 and 2300A; PNC-300,3000, 3100 and 3200; MDX-3, 15 and 500.

Dr. PICZA



Dr. PICZA is a comprehensive, dedicated scanning software. Packed with easy-to-use functions, it can reduce data volume by reducing the resolution of all or part of the captured data, or it can rescan part of the object at a finer scanning pitch and automatically combine it with the original data. Dr. PICZA is designed as an input GUI software controller for any of the PIX series scanners. It supports an array of data output formats including DXF (CAD data), STL 3DMF (3D format standard), gray scale BMP and coming soon, IGES export ability. Included with the PIX-3, 4 and 30; also the MDX-15.

Dr. Engrave



Dr. Engrave features an automatic layout function that allows you to import your Excel - CSV formatted database files for faster engraving output. Dr. Engrave quickly and easily imports your data and optimally lays out your job to fit the material. Automatic serialization is also a built-in feature. One of the true benefits is the ability to convert any Windows True Type font to a single line font for optimal engraving. Included with PNC-2300 and 2300A; PNC-300,3000, 3100 and 3200; MDX-3, 15 and 500

Dr. STIKA Plus



Dr. STIKA Plus is designed specially for STIKA users. It allows you to create your own personalized graphics by just clicking and dragging designed shapes or fonts. It incorporates any Windows True Type font as well as a built-in raster to vector converter. Included with the STX-7 and 8.

