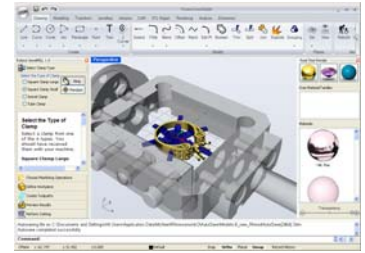**Product Information Guide**

JewelMill CAM Software for JWX-30
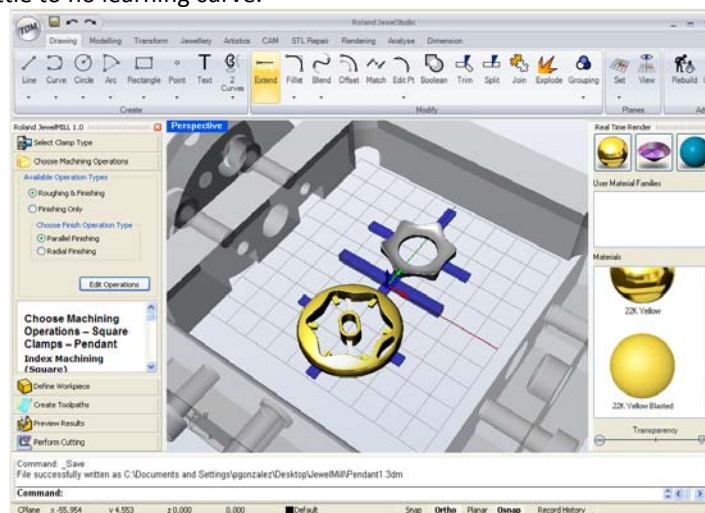
## Overview

### Powerful CAM Software

JewelMill is a new software solution that gives JWX-30 users access to powerful Computer Aided Manufacturing software in an extremely simple, easy to use package.  Working within Roland's JewelStudio design software, JewelMill streamlines the production of jewelry models saving valuable time and computer resources.  It utilizes the original model data instead of converting the smooth data to a potentially rough mesh data or a model so large it will take longer to produce the wax.  The result will be faster model production with tighter dimensional accuracies and smooth surface finishes.

JewelMill is built on MecSoft's legendary Computer Aided Manufacturing software giving jewelry designers access to powerful CAM software, yet making the interface intuitive with little to no learning curve required.

### Built on Roland's Legendary Ease of Use

JewelMill is built on Roland's legendary drive to make our software and hardware easy to use.  Here are some of the items included to help save you time.

- **JewelStudio Integration**
  - No need to launch a separate program to produce the wax model.
  - No exporting files then importing files wasting time.
  - After designing a jewelry model, simply launch JewelMill plug-in to begin wax model production.

- **Uses Original Model Data**
  - JewelMill uses the original JewelStudio model surface data and not mesh data.
  - Models will be produced faster, with better dimensional accuracy, and smoother surface finish.

- **Wizard Based Interface**
  - Wizard based program easily guides users through the wax model production process.
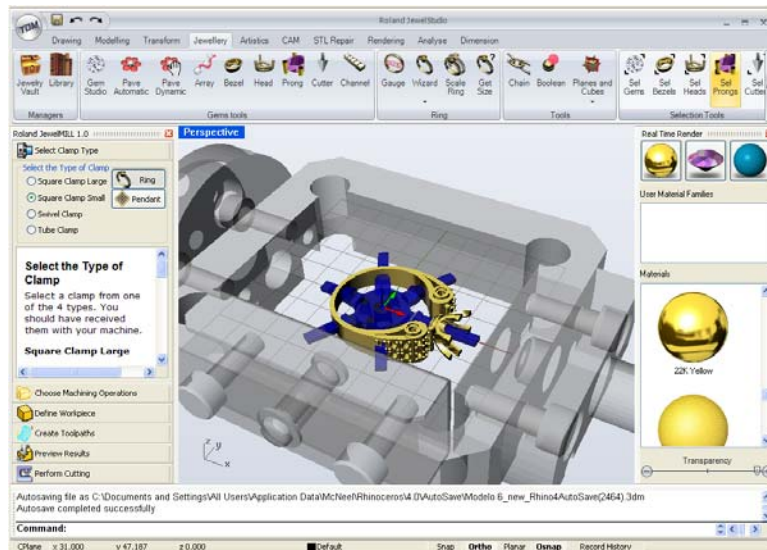  - Little to no learning curve.



**JewelStudio & JewelMill**
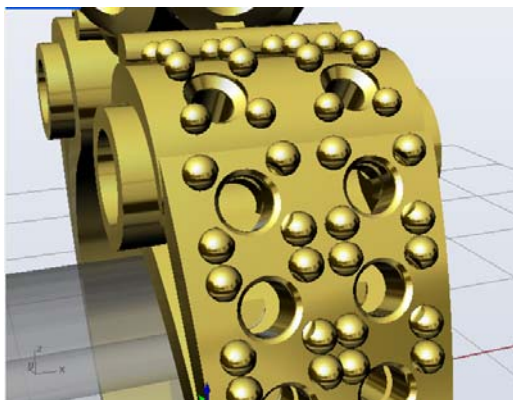
### JewelStudio Integration

JewelMill is a powerful software package that works with JewelStudio making the model creation process simple.  Once the jewelry designer creates a 3D jewelry model, the model is ready to be produced.  Launching the JewelMill program makes model production easy.  All the jewelry designer has to do is launch JewelMill software and follow the simple steps required to produce a beautiful wax model.  There is no need to transfer or export data to a separate program saving valuable time and computer resources.
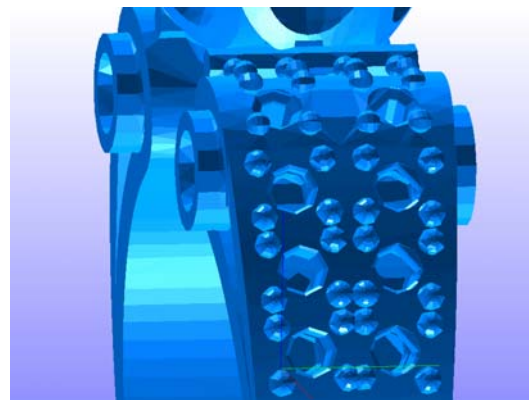


**JewelStudio & JewelMill**

### Uses Original Model Data

One of JewelMill's key features is its ability to use the original model data.  Other software programs require users to change the original smooth model data to mesh data compromising part quality, accuracy and time.  If the user selects incorrect mesh quality, the model may appear jagged and not produce a detailed model.  If the user selects a mesh quality that is too high, this will produce a file size that is very large, difficult for CAM programs to handle, and take much more time to process, and more time to produce.  JewelMill avoids this confusion by being able to work with the original model data.  Working with the original model data will produce models faster, with better dimensional accuracy, and smoother surface finishes.
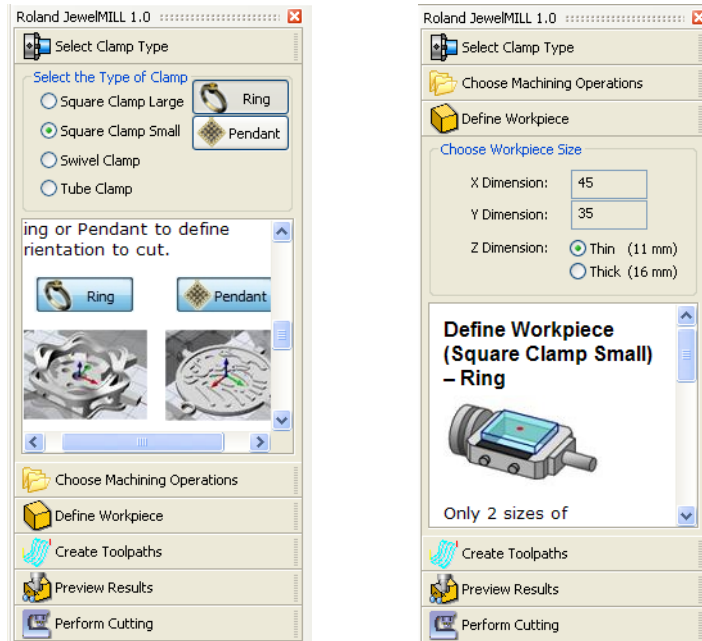


**Original Model Data**                    **Incorrect Mesh Data**

**Roland**

**Wizard Based Interface**

JewelMill combines powerful CAM software with a simple, easy to use interface.  The wizard based plug-in guide's users through the part production process with little to no learning curve.  Once the model is designed, jewelry designers will be cutting parts within minutes.  Most options have been simplified to simple menu items where a user only has to select what options they want to use.  All users have to do is indicate what clamp they are using, verify material size, create tool paths, then produce the wax model using the JWX-30.



**Easy to Use Interface**

## Summary

JewelMill is a new software package that streamlines the wax model production process for the JWX-30.  This new software package combines powerful Computer Aided Manufacturing software with Roland's legendary ease of use to give jewelry designers the ability to transform their 3D models to wax models with unparalleled speed and precision.

**Availability: JewelMill is included with all new JWX-30 machines**
**Existing JWX-30 Owners:  $995, U.S. List Price**

**Roland**