

RX-50

Spiral Axis Engraver

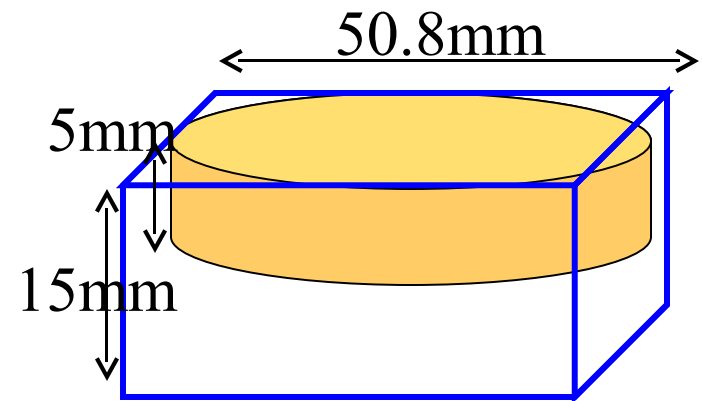


What is the RX-50?

- Medal Engraver
 - RX-50 is the worlds first Spiral Axis Engraver which can engrave light metal, resin, wax etc.
 - The Spiral tool path and unique movement allows for speed and high quality engraving results.
 - Bundled software, “Medal Editor”, helps you create 3D relief data with ease.

Specification

- Engraving Area
 - XY: Max. Dia. 50.8 mm (2")
 - Z: Max. Depth 5 mm
- Material Size
 - Max. Dia. 50.8 mm (2")
 - Thickness 1-15 mm
- Interface
 - USB 1.1



Specification

- Tool
 - Shank Dia. 3.175 mm (1/8”), exclusive for RX-50
 - ZEC-AM - Cutter for Metals
 - ZEC-AR - Cutter for Plastics
 - ZEC-AP - Cutter for Coated Metals
- Material
 - Silver, Brass, Aluminum, Copper, Free-cutting nickel, Acrylic, Wax etc.
- Bundled Software
 - Medal Editor

Specification

- Cutting Time

- Dependent on the combination of cutting mode, design, diameter, and cutting depth etc.

Ex.



Normal
Dia.: 51mm
Depth : 1mm
Time : 90 minutes

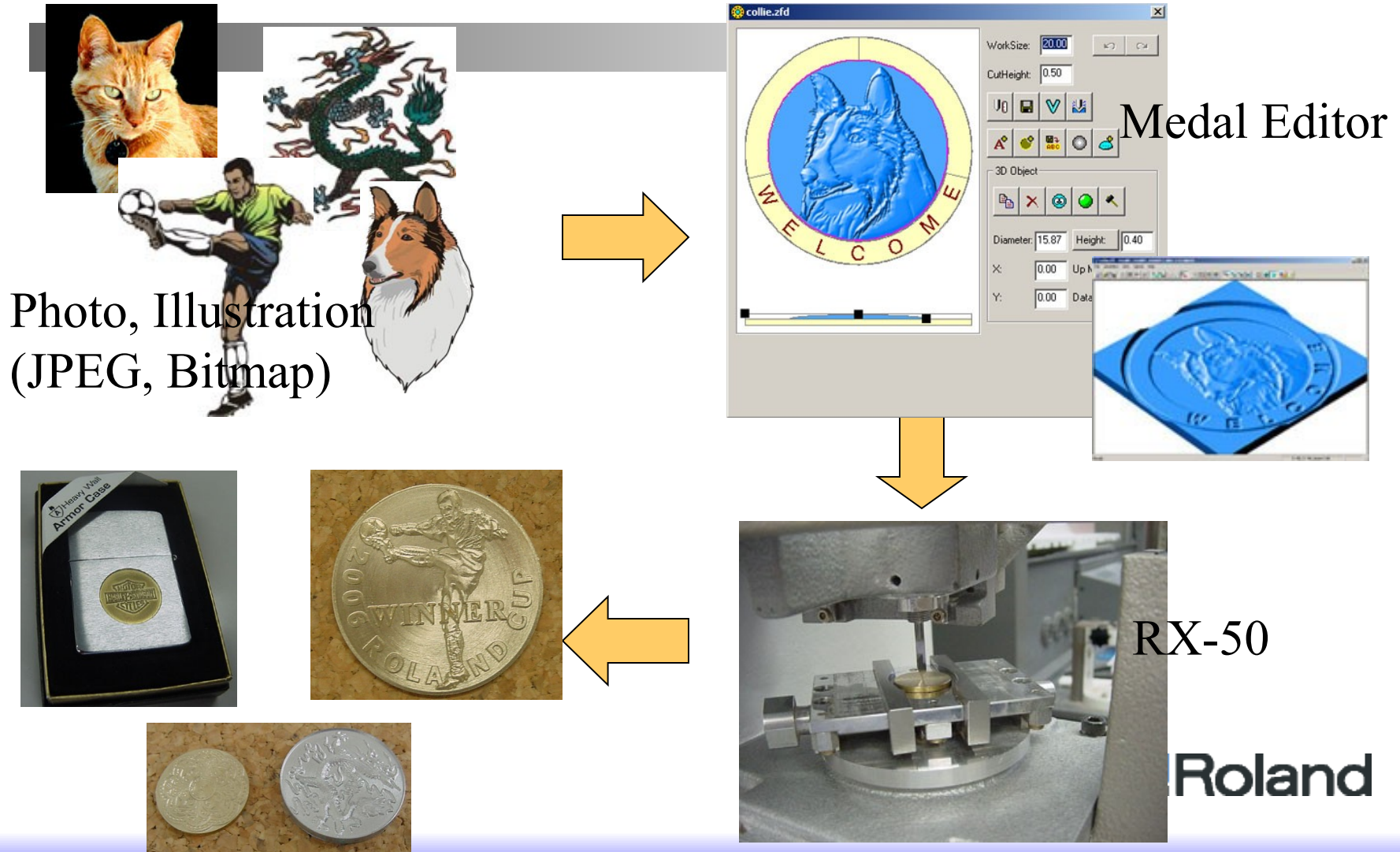



Normal
Dia.: 35mm
Depth : 3.8mm
Time : 80minutes



Normal
Dia.: 20mm
Depth : 0.5mm
Time : 10minutes

Workflow of creating medals with the RX-50

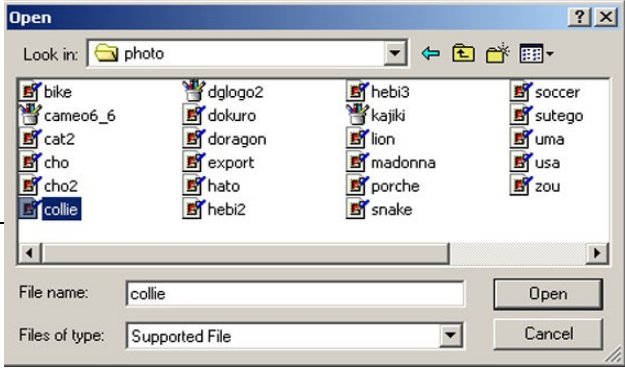
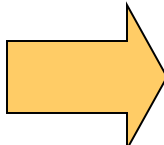




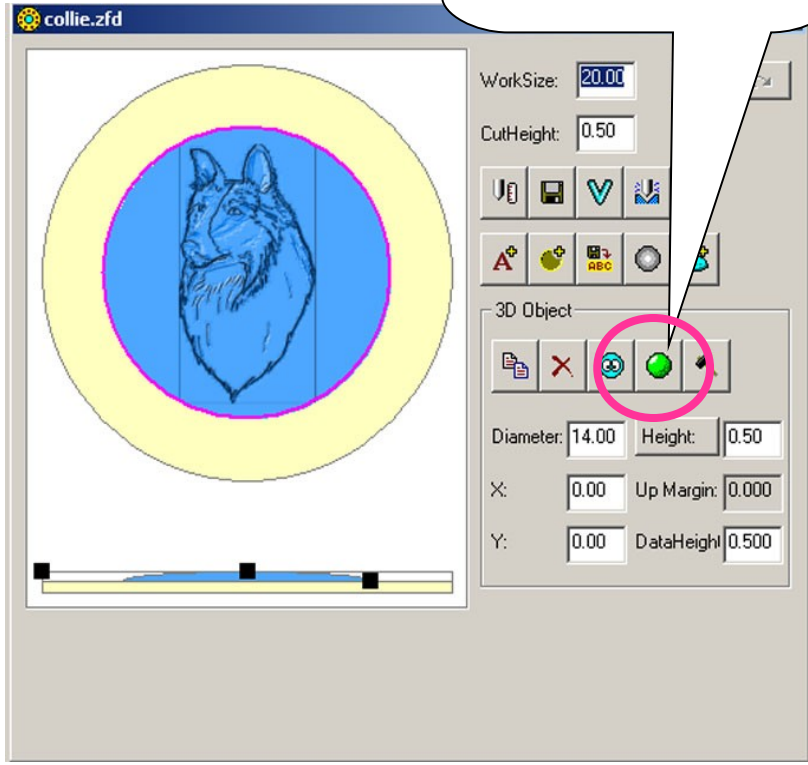
Demonstration of bundled Medal Editor software

Medal Editor

Import Bitmap
or JPEG file

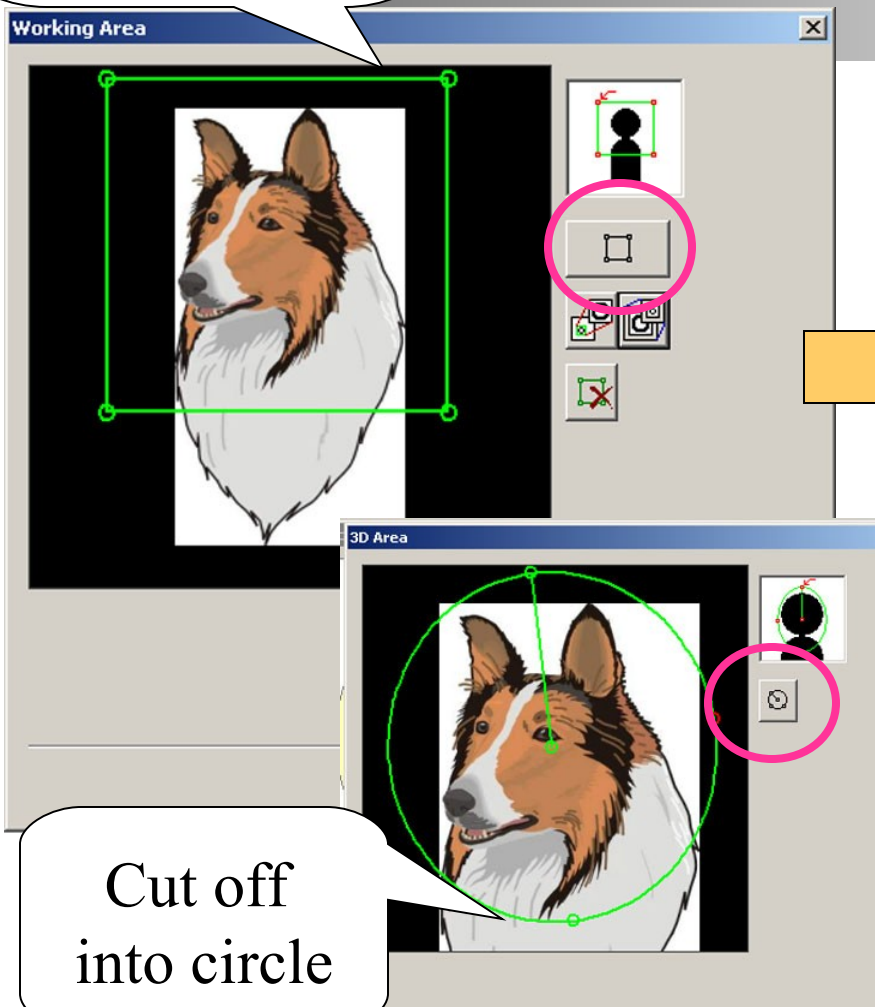


Start Wizard!

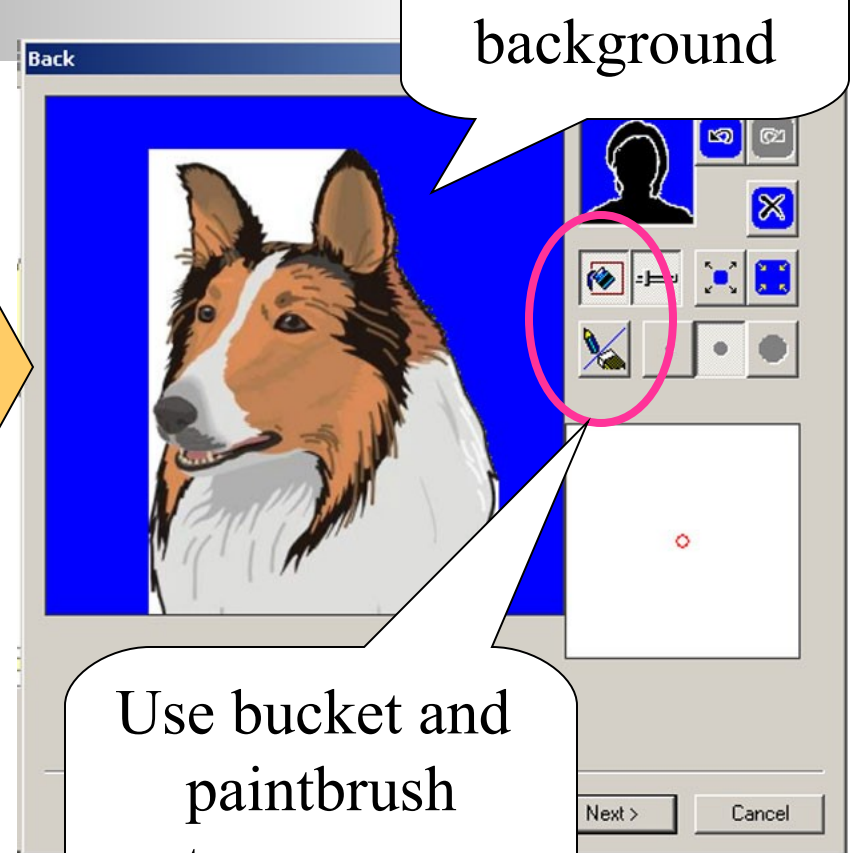


Medal Editor

Select the area

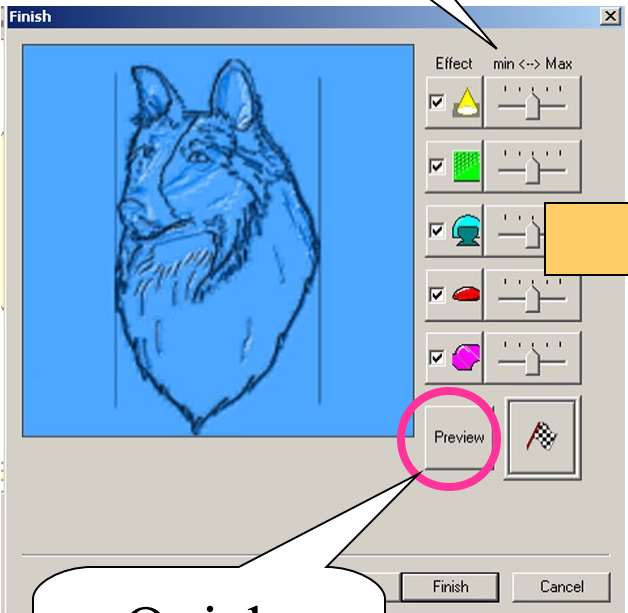


Remove background

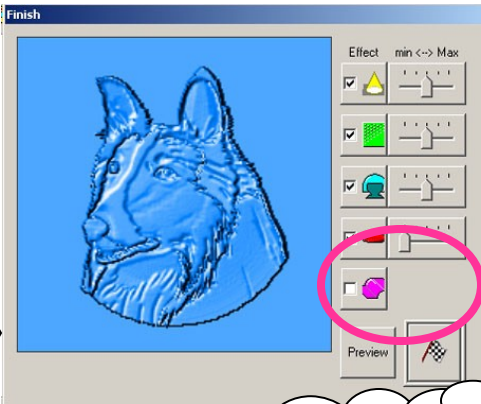
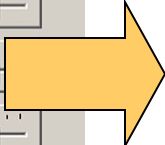


Medal Editor

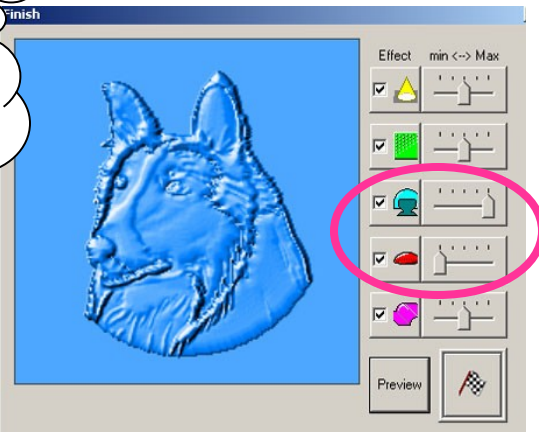
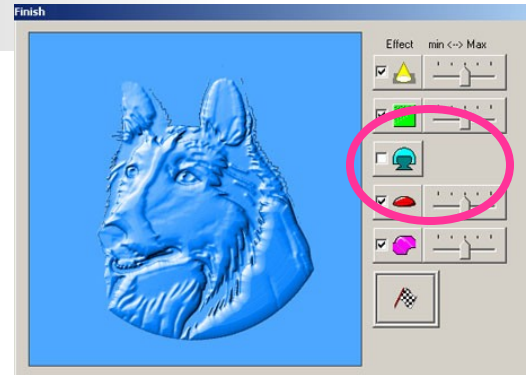
Effect adjust slider



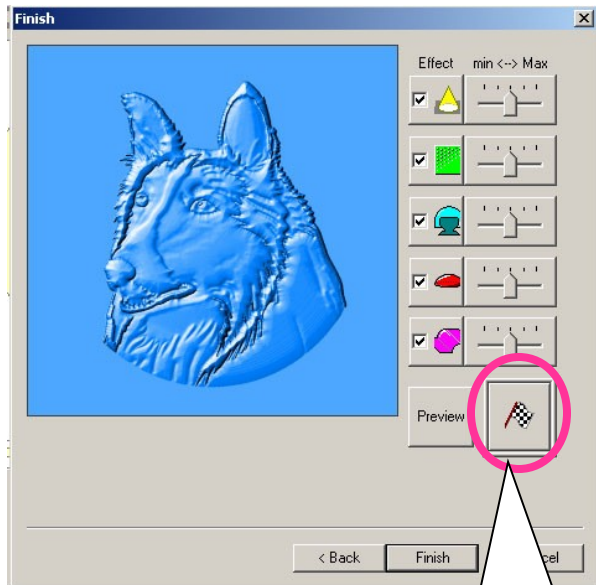
Quick preview



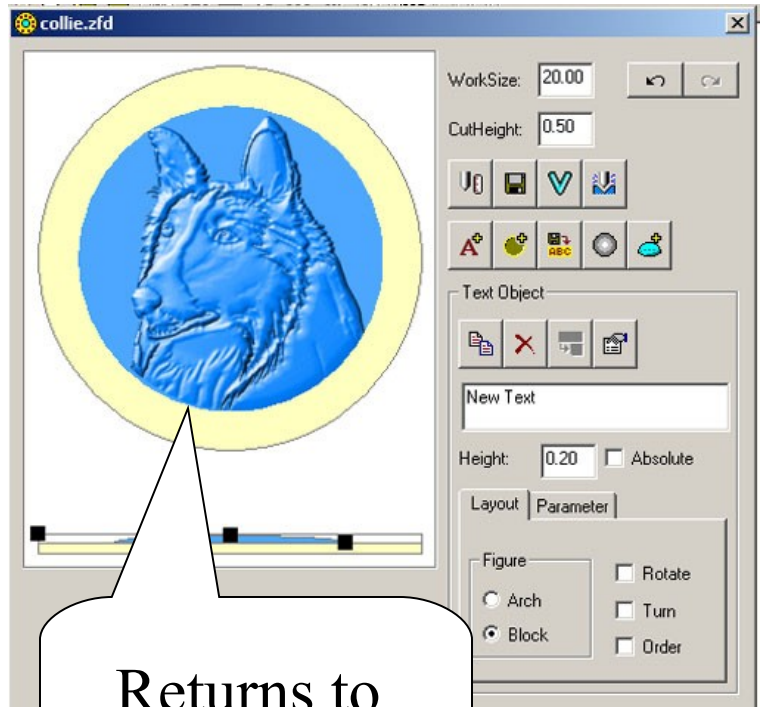
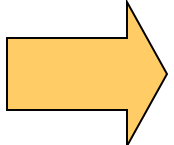
Various Effects



Medal Editor

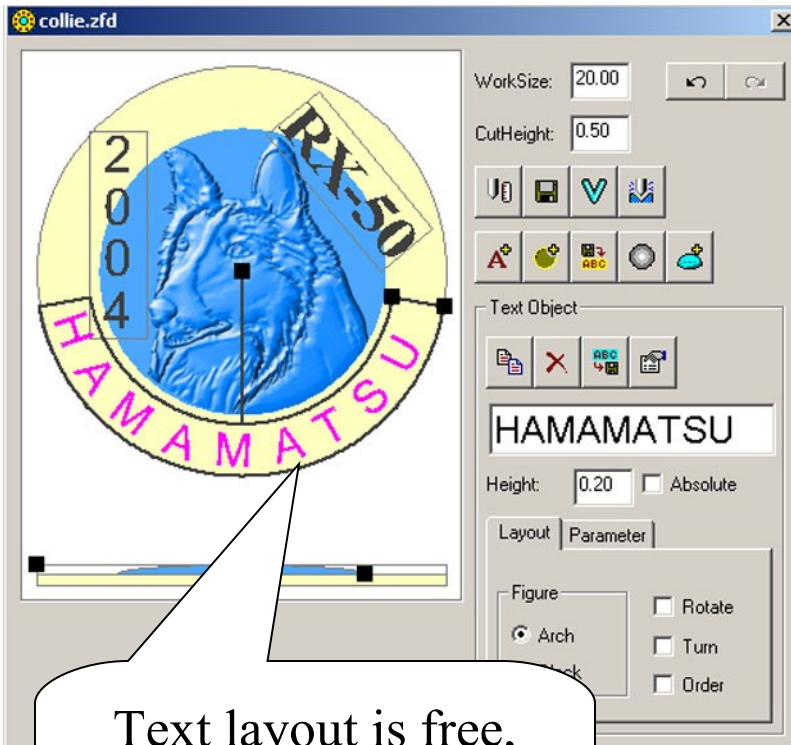


Relief creation
button



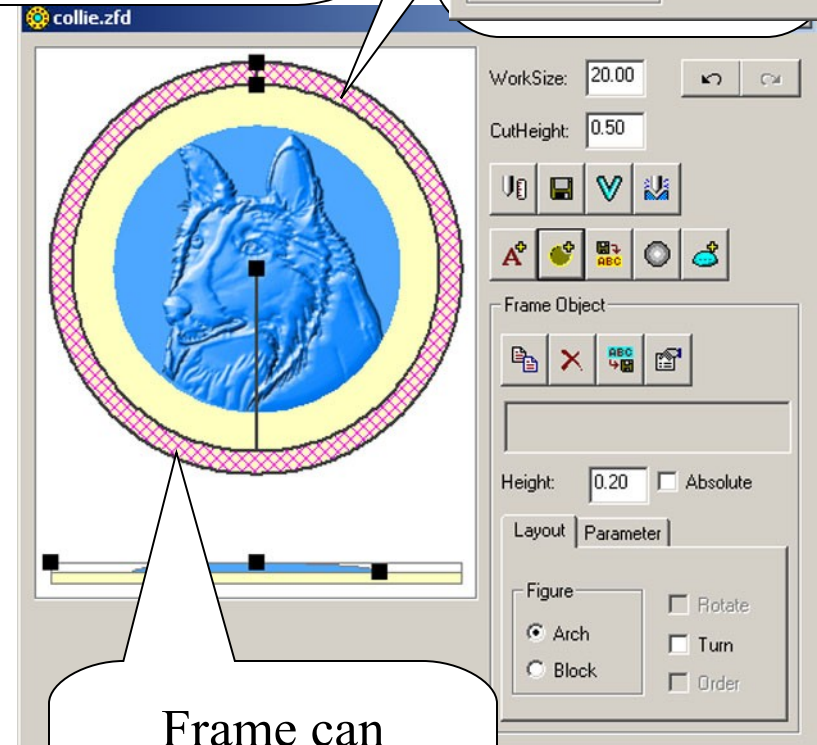
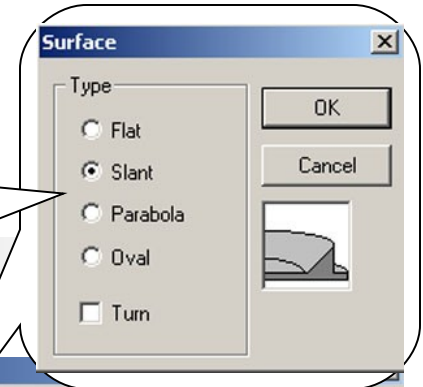
Returns to
Layout window

Medal Editor



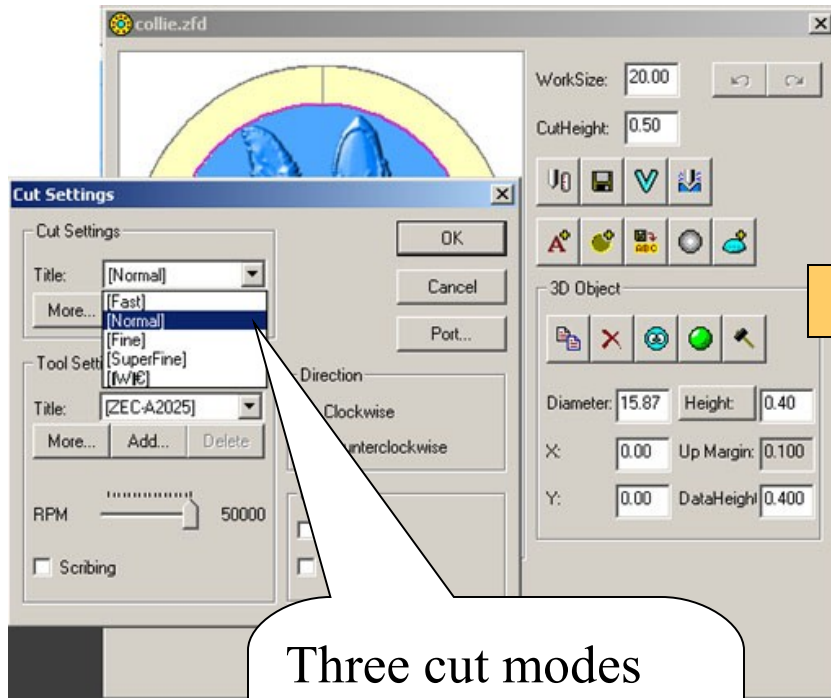
Text layout is free,
Round, fan-shape,
straight quick and easily

Choose frame
surface

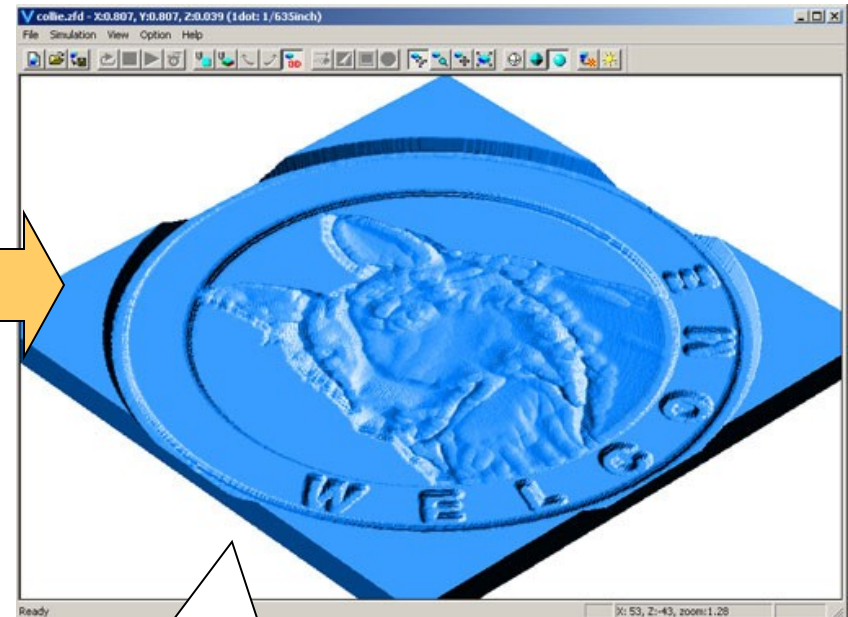


Frame can
also be laid out
freely

Medal Editor

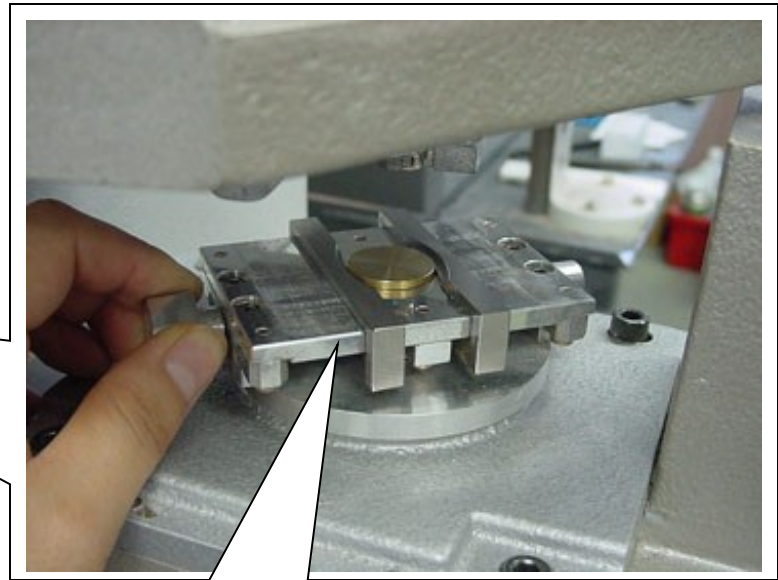


Three cut modes
Fast (High speed)
Normal
Fine (High quality)



You can check
your results with
Virtual Model

RX-50



Set material

RX-50

