




All in One Machine

FANCY 4P - FACET - SAWING




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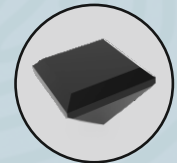
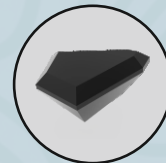
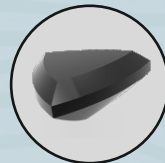
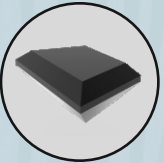
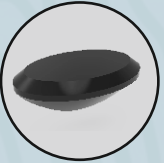
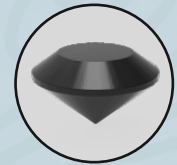
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SAWING FEATURES

- Single and Two Side Sawing
- Pi, Multi Top, Mac Pi
- Facecut
- Slice, Coring
- Border Cutting (Any Shape)
- *.DXF, *.PLT File Format Support
- Banding
- (Step Banding, Focal Banding, Auto Banding)
- Auto Stroke Length
- Easy Cutting Parameters
- User Friendly Software
- Auto Power, Auto Frequency

FANCY FEATURES

- Fancy 4P Shape as per Heart, Pear, Oval, Marquise, Princess, Trillion, Emerald, Cushion, Taper, Tapered Baguette, etc...
- Also Custom Create Shape Like Half Moon, Hexagonal, Star
- 39+ Shapes Support Full 4P
- Specially designed for custom shape cutting application at a single set-up.
- Accurate model with symmetry gives minimum polishing time.
- Shape to match the wire frame for easily fast operating.
- Stone Information using Qr code, LAN, Barcode.
- Shape wise smart parameter select for best cutting symmetry.
- Accurate banding facility.
- Auto power and auto frequency.
- User friendly software.



UNLIMITED CUSTOM SHAPES FOR TABLE & GIRDLE BRUTING

FACET FEATURES

- Laser Facet / Blocking 4P Shape
- Also Custom Create Shape Like Half Moon, Hexagonal, Star
- 4 Facet - 8 Facet - 16 Facet Crown & Bottom Gridle Bruting



TECHNICAL SPECIFICATION

LASER

Wavelength : 532 nm

Output Power @ 7.5 KHz, Watts : 20 W

Transverse Mode : TEM₀₀

Beam Diameter, mm : 1.0

Beam Quality (M²) : <1.2

Pulse repetition frequency (PRF), KHz : 1-20

Pulse width @ 7-10 KHz, ns : 90

Pulse Stability @ 10 KHz (RMS) : 3

Polarization : Liner (Vertical)

Output Stability (% Over 8 hrs) : 1

Working Temp © : 25 to 27

CNC SYSTEM

Axis Travel : 135 mm* 135 mm*75 mm

Resolution : 1 Micron or better

Accuracy : 2 Micron / 25 mm

Repeatability : 2 Micron / 25 mm bi Directional

Drive : Servo Drive with Encoder.

MECHANICAL

Dimension : 1315 mm*665 mm*1480 mm

ELECTRICAL REQUIRMENT

AC 208-230 V, 60 Hz, 5 Amps.