

Service

- ◆ Green Laser Source [IKLWA / Patara / Quantronix / Any Other Local Laser Rail]
- ◆ Cassettes / Fixture/ Turn Tool Service & Repairing
- ◆ Cassettes/ Fixture Upgrade with Motors
- ◆ Axis Repairing & SERVICE [Rexroth / THK / HIWIN / SANGO / IZK / NSK]
- ◆ X-Y-Z Axis Services & Repairing
- ◆ X-Y-Z Motor & Drive Repairing
- ◆ Multi Sawing Software Upgrade in All Type of Laser Sawing Machine

Spare

- ◆ Optics / Beam Expander / Lbo / Diode
- ◆ Steel Ball & Ball Screw Support Unit
- ◆ Cross Roller Guidway
- ◆ Block Guidway
- ◆ AC Servo Motor & Drive
- ◆ Steeper Motor & Drive
- ◆ SMPS Power Supply

**SUPER
FAST
RELIABLE
SERVICE**



◆ ROBOTICS CASSETTE

Allow All Type of Sawing Works in Fixture / Cassettes
(Sawing / TSS / Pie Sawing / Coring / Facing / Blocking)



📍 27,28,31,32 Indraprasth Complex, Opp. Naginawadi,
Sumul Dairy Road, Katargam, Surat - 395004.

👤 Piyush Patel +917600058212



Quality
Begins here

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Features

- ◆ Specially Designed Highly Sophisticated Software For Cleaving and Slicing, Multi Sawing, TSS, SS, Multi Pie
- ◆ Advanced Slicing Features with Pre-Defined Parameters
- ◆ Consistency Result and Reliability
- ◆ Exceptional Beam Quality Gives Lowest Breakages. Thin Beam
- ◆ Polarization Control Allows To Cut In Any Direction With Good Surface
- ◆ Quality Sealed Resonator with Check Banding Option for Diamond Safety
- ◆ Best Model In Performance with Attractive A Sleek Design In Industry
- ◆ Robust and Sturdy Structure For Lowest Vibration, Minimum Maintenance and High Quality Output
- ◆ Industry Proven Components For Long Terms Stability
- ◆ Tec Controlled Lbo Cooling Provide Laser Beam Quality
- ◆ Operator Friendly Software Give Maximum Production
- ◆ Our Machine Give Good Result in Natural Diamond as Well as CVD
- ◆ Auto Mesured Depth Option



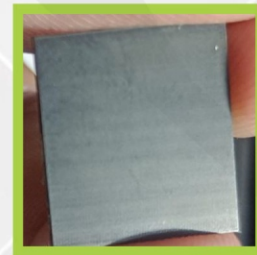
MULTI SAWING



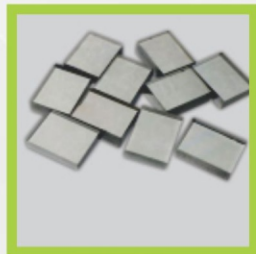
CLEAVING



CORING



FACECUT



SEED SEPARATION



SLICING



SAWING



BLOCKING

Specification

LASER SYSTEM

Laser	: Green
Spatial Mode	: TEM ⁰⁰
Wavelength	: 532 nm
Polarization	: Linear
Beam Roundness	: >90%
Average Power	: >16 W
Repetition Rate	: 6-12 KHz
Cooling Water	: Steam Distilled

CNC SYSTEM

Axis Travel	: 130mm x 130mm x 70mm
Resolution	: 2 Micron
Accuracy	: 2 Micron / 25mm
Repeatability	: 2 Micron / 25mm Bidirectional
Driver	: AC Servo

ELECTRICAL

Power Requirement	: 220 VAC ± 10%, 1 Phase, 50 Hz
Power Consumption	: < 2.5 KVA
Room Temperature	: 24° C - 26° C

DIMENSIONS

Length x Width x Height	: 1200mm x 670mm x 1500mm
Weight	: 550 Kg