



LAZER **SUPRA** 532

NEXT LEVEL SLICING & CORING



Proudly Invented &
Made In INDIA

LAZER SUPRA 532

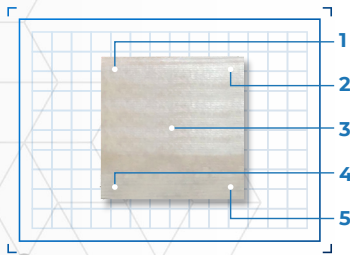
Seed Cutting / Slicing

Lowest Possible Kerf:
Precisely Engineered Beam Profile

Slice Size (mm)	Laser Power (Watt)	Kerf Width (Microns)	Time To Slice (Min.)
5x5	12.0	140-160	07-09
7x7	12.0	190-210	11-15
10x10	12.0	250-270	38-42



Smoothest Cutting Surface:
Remarkably decreases post cutting polishing process



Spot	Value	Aggregate Value	Roughness ISO Grade Number
Spot 1	0.194	0.211	N4
Spot 2	0.186		
Spot 3	0.212		
Spot 4	0.223		
Spot 5	0.240		

Certified RA Value Respect to ISO Standard



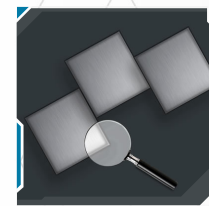
**Minimum Possible Taper with
Almost Nil Carbon Haze:**
Quality Cutting



Smart Software:
Powered by an AI Excellence,
Yet Very Easy to Use



Batch Operation:
Load Up the Stones &
Machine Will Do the Rest



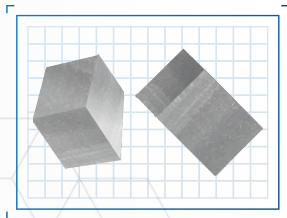
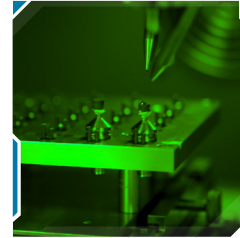
**Accurate Cutting With
Remarkable Speed:**
Production At It's Peak

LAZER SUPRA 532

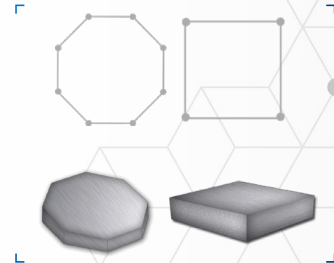
CVD Coring

For Coring, Maximum Production:
That All Matters

CVD Rough Stone Size (mm)	Time To Cut (Min.)
5x5	18-25
7x7	25-30
10x10	34-45



Accurate Edge Cutting:
Leaves No Corner Inaccurate



Freedom of Shapes:
Cut Any 2D Shapes

Smart Software & Batch Production:
Load Up Stones & Machine
Will Do the Rest



Specifications

Dimensions	1.34m (4'5"); 0.73m (2'4"); 1.46m (4'8") - (L x W x H)
Weight	Approx. 460 kg (1015 lbs)
Axis Travel	130mm (X), 130mm (Y), 75mm (Z)
Laser Profile	Nd: YAG@532nm, TEM00 Diode Pumped Solid State
Operating Voltage	Single Phase, 230VAC, 12 Amp, 50/60 Hz
Output Power	15watts @ 7 kHz

LAZER SUPRA 532

Next Level Slicing and Coring.

Highly precise to achieve not just more but better as well. Productivity at its pinnacle-for any Lab Grown Diamond process, this can be the magic potion of all business strategies. For a Lab Grown Diamond's Slicing and coring process accurate beam quality, precise cutting and smooth surface makes the game winning aspects. LAZER SUPRA 532 has developed indigenously and it has all to give you the desired slicing and coring result.



Minimum Weight Loss

LAZER SUPRA 532 works on the green laser, which has shortest wavelength. The accuracy of green laser results into the minimum weight loss and reduce the possibility of weight loss of your diamond.

Excellent Power Stability

The most advanced green laser has the best-in-class stability which gives you high precision diamond sawing leads to desired accuracy.

Superiorly Smooth Cutting Surface

The superlative accuracy of the stable beam profile ensures fine and smooth cutting surface in every coring and slicing process which maintains the value of your precious stone.

High Productivity

Though machine is fast and accurate, the output quality can't be compromised. Machine is powerful to provide all at once. i.e., Speed and Accuracy.

Reliable Consistency

The machine is designed in a way that it gives you steady performance in slicing and coring operations. You can work on the machine for hours with the same quality and speed output.

Ultra-Modern Software

Ultra-Modern software ensures that your operator is convenient on every process and the data of all the angles are provided in time while slicing and coring of a Lab Grown Diamond.

Machine Variants

LAZER SUPRA



Laser Type: **Infrared** | Power Supply: **Indigenius**
HLR: **STPL** | Cooling System: **Indigenius**

LAZER SUPRA 532



Laser Type: **Green** | Power Supply: **Indigenius**
HLR: **STPL** | Cooling System: **Indigenius**

LAZER SUPRA 532-i



Laser Type: **Green** | Power Supply: **Indigenius**
HLR: **IKLWA** | Cooling System: **Indigenius**

LAZER SUPRA 532-ie



Laser Type: **Green** | Power Supply: **Sorensen**
HLR: **IKLWA** | Cooling System: **Thermotek**

PRIMA GRN_{ng-ie}



Laser Type: **Green** | Power Supply: **TDK Lambda**
HLR: **IKLWA** | Cooling System: **SMC**

PRIMA SUPER_{ng-e XL}



Laser Type: **Infrared** | Power Supply: **TDK Lambda**
HLR: **STPL** | Cooling System: **SMC**



Having Customer Base in More Than
30 Countries & 5 Continents



India | Botswana | Brazil | Cambodia | China | Dubai | Ghana
Hong Kong | Indonesia | Japan | Laos | Mauritius | Romania
Russia | Singapore | South Africa | South Korea | Spain
Sri Lanka | Switzerland | Taiwan | Thailand | Turkey
United States | Vietnam | Zimbabwe



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