

LAZER SUPER_{ng}

Adding Shine to Supremacy



Acknowledged Supremacy for Superior Gains

The LAZER SUPER_{ng} provides it all that takes to produce the highest profit generating, finest diamond from the raw ones. On one hand it helps achieve superior smooth surface and on the other, it ensures lowest breakage and weight loss, gifting the best of both the worlds.



LEAST BREAKAGE



Least Breakage and Weight Loss : The Gain is All Yours

Extremely focused, stable and accurate beam profile to achieve minimum possible breakage and weight loss.

LEAST WEIGHT LOSS



OTHER LASER MACHINES

LAZER SUPER_{ng}



Top - Class Smooth Surface : Cutting Edge Advantages

Smartly designed and engineered diode provides highly stable beam, resulting into exceptionally smooth surface that too without any kind of damage.

Maximum Productivity : Superior Performance for Profitability

Designed to perform at its best, the LAZER SUPER_{ng} achieves seamless & swift sawing, yielding desired quantity with finest quality.



Excellent Software : Smartness for Greatness.

Developed with rich insights, the LAZER SUPER_{ng} is loaded with features that suffice wide range of peculiar needs, requiring minimum human interventions.

Value for Money : Finest Return of Investments

LAZER SUPER_{ng}, with its array of features and advantages simply prove the best value for money decision for the diamond processing business.



Striking Features

- **Less Man-Machine Interactions :**
Intelligent software automatically sets optimized laser parameters based on the size of a diamond.
- **User Friendly Operating Software :**
To save time and reduce operator mistakes.
- **Silent Light Diode Module :**
Produces unmatched beam quality and stability throughout its working range.
- **Highly Accurate and Long Life X-Y-Z CNC :**
Stages for accurate cutting performance.
- **Automatic 360° Fixture :**
For twin side sawing.
- **Dust Protective Enclosure :**
For optimum life of optical components.
- **Skin Banding Feature :**
For preventing damages due to the internal laser reflections.
- **Impeccable Machine Design and Vibration Free MS Frame Structure :**
For better stability.

Specifications

- **Dimensions** : 1.39m (4' 6"); 0.73m (2' 4");
1.46m (4' 8") (L x W x H)
- **Weight** : 460 kg approx
- **Axis Travel** : (X, Y, Z) – (130mm, 130mm, 75mm)
- **Laser Profile** : Nd:YAG @1064nm,
TEM₀₀ - Diode Pumped Solid State
- **Operating Voltage**: Single Phase, 230VAC, 12Amp, 50/60Hz
- **Output Power** : >22watts @10 kHz





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