

# LAZER SUPER ng Adding Shine to Supremacy



## Acknowledged Supremacy for Superior Gains

The LAZER SUPER<sub>ng</sub> 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.



LAZER SUPERing

#### 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.

OTHER LASER MACHINES

LEAST WEIGHT LOSS



**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<sub>ng</sub> achieves seamless & swift sawing, yielding desired quantity with finest quality.





### **Excellent Software : Smartness for Greatness.**

Developed with rich insights, the LAZER SUPER<sub>ng</sub> is loaded with features that suffice wide range of peculiar needs, requiring minimum human interventions.

Value for Money : Finest Return of Investments LAZER SUPER<sub>ng</sub>, with its array of features and advantages simply prove the best value for money decision for the diamond processing business.



# **Striking Features**

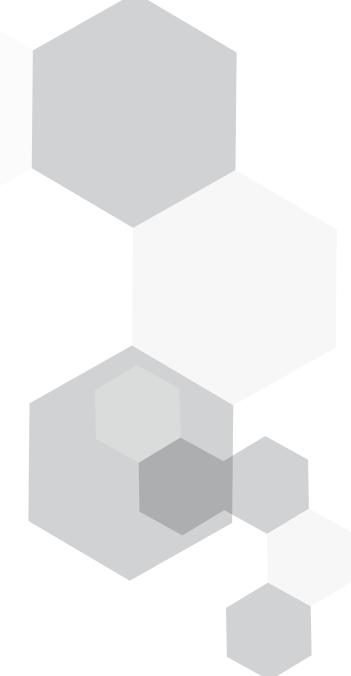
- Less Man-Machine Interactions : Intelligent software automatically sets optimized laser parameters based on the size of a diamond.
- User Friendly Operating Software : To save time and reduce operator mistakes.
- Silent Light Diode Module : Produces unmatched beam quality and stability throughout its 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 : (X, Y, Z) – (130mm, 130mm, 75mm)
- Axis TravelLaser Profile
- : Nd:YAG @1064nm,

TEMoo - Diode Pumped Solid State

- Operating Voltage: Single Phase, 230VAC, 12Amp, 50/60Hz
- Output Power : >22watts @10 kHZ







www.STPL.com

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