

LAZER LEAP

3D SHAPING EXCELLENCE !
WHERE DIAMONDS MEET PRECISION



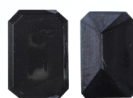
Marquise



Round



Pear



Emerald



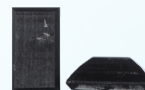
Oval



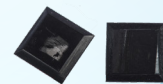
Heart



Taper



Baguette



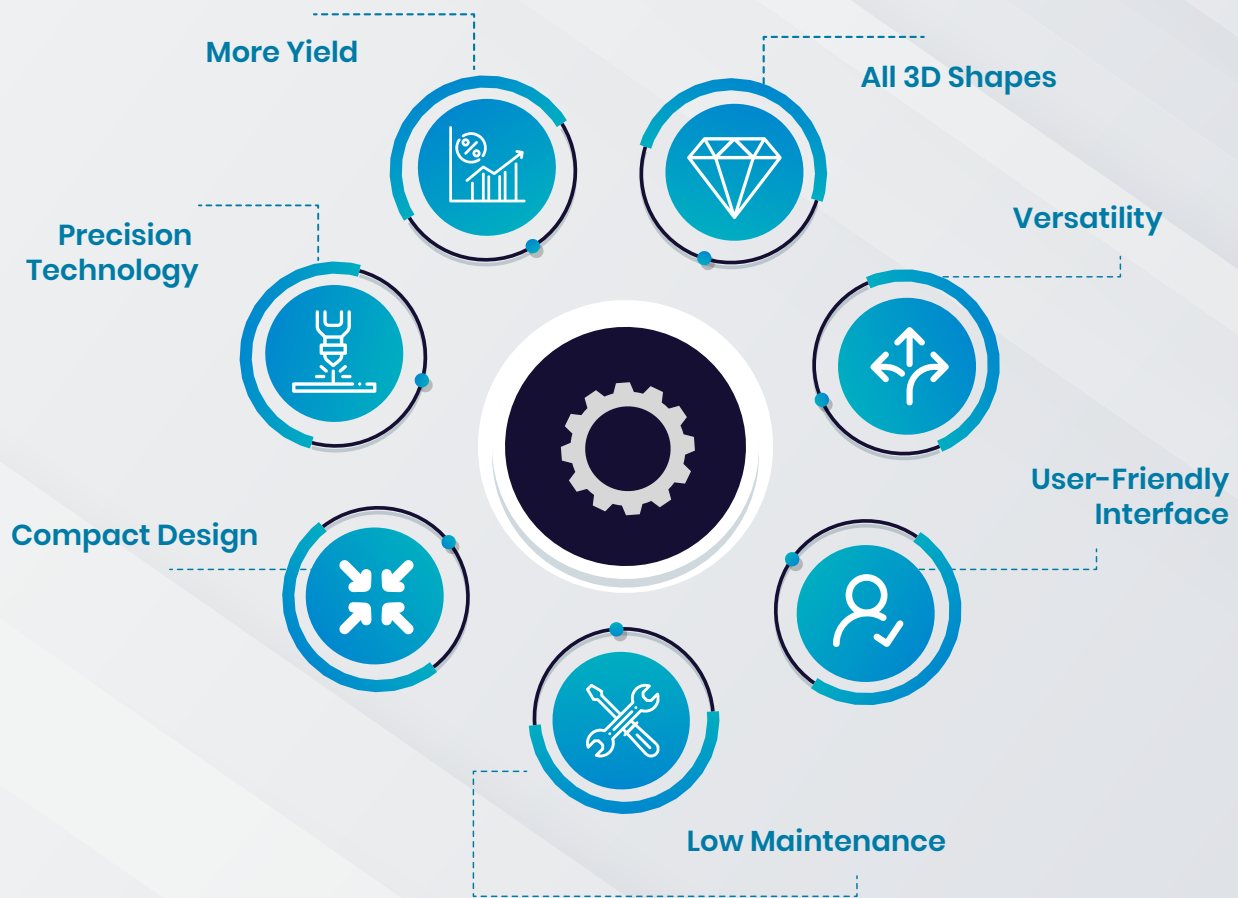
Princess



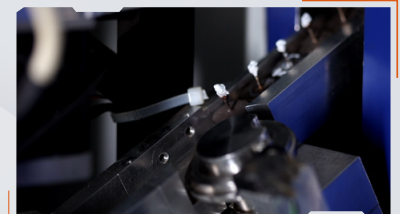
LAZER LEAP



At STPL, we take pride in presenting LAZER LEAP, a revolutionary diamond processing machine that transcends boundaries in 3D shaping for Round and Fancy shapes. Designed with ingenuity, this sleek and compact marvel is engineered to redefine precision in the world of diamond processing. LAZER LEAP is not just a machine; it's a paradigm shift in the art of shaping diamonds.



Compatible With
ROBOMATIC 2.0



WORLD'S FIRST DIAMOND PROCESSING ROBOT

ROBOMATIC 2.0 – the future of 3D shaping for brilliant shape of diamonds. This advanced system operates autonomously, transforming rough diamonds into perfectly shaped gems with the smart laser system. No human intervention needed, just exceptional results.



Salient Features



Accurate Round and Fancy Shapes

LAZER LEAP sets a new standard in diamond shaping, delivering superior accuracy in crafting Round and Fancy diamond shapes. Precision meets innovation for an unmatched level of brilliance.



Advanced Beam Quality

LAZER LEAP boasts advanced beam quality, ensuring unparalleled precision in every cut. The state-of-the-art infra-red laser (IR Laser) technology elevates the machine's performance, setting new standards in diamond processing.



Minimum Breakage

Say goodbye to worries about breakage. LAZER LEAP is meticulously crafted to minimize breakage, preserving the integrity of each diamond and maximizing your yield.



Superiorly Smooth Cutting Surface

Experience a cutting surface like never before. LAZER LEAP creates a superiorly smooth finish, enhancing the brilliance of each diamond and elevating the overall quality of your output.



Ultra-Modern Software

LAZER LEAP is powered by ultra-modern software, offering a user-friendly interface and advanced functionalities. The intuitive controls give you complete command over the shaping process, ensuring efficiency at every stage.



Low Weight Loss

Efficiency meets conservation. LAZER LEAP minimizes weight loss during the shaping process, allowing you to optimize the use of precious diamonds and increase overall productivity.

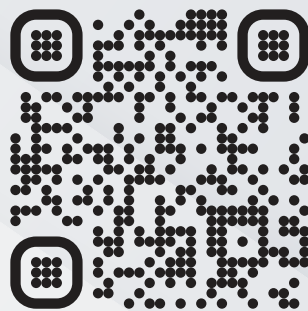
Dimension:	0.76m (2'6") x 1.20m (3'11") x 1.50m (4'11") (L x W x H)
Weight :	Approx. 300kg (661.3 lbs)
Axis Travel :	130mm (X), 130mm (Y), 60mm (Z)
Laser Profile :	Nd Yag @1064nm, TEM ₀₀ – Diode Pumped Solid State
Operating Voltage:	Single Phase, 230 VAC, 12Amps, 50/60Hz
Output Power :	> 20W@10KHz
Power Consumption :	Less than 2700Watt



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30 Countries & 5 Continents



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