

Now DPSS IR Laser System with D-GREEN Driver (UK Based Company) & Northrop Grumman Diode (USA Based Company)
For 4 in 1 Process (TABLE-CROWN-GIRDLE-PAVILLION)

Model No.: DGS-IR-10-4P



Features

- ? Excellent Laser Stability
- ? Ideal for 4 in 1 Process for High Rough Stones
- ? Lowest Breakage Ratio
- ? Smooth Cutting Surface
- ? Higher Throughput
- Power Saving of minimum 70% compared to Lamp Pumped Laser System
- ? Very Low Operating Cost
- ? High Precision X-Y-Z Axis
- ? No External Chiller required

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TECHNICAL SPECIFICATIONS

LASER

- ? EU/ASIAN Diode option Available
- Laser Type: Diode Pumped Solid State Nd:YAG Pulsed
- ? Wavelength: 1064 nm
- Power: 12 W @ TEMoo QS
- Polarization : LinearStability: 15 µrad

CNC

- ? Type: X-Y Table With Vertical Z axis + 4 in 1 Process Kit ? Travel Range: 135 x 135 mm (X-Y Axis), 75 mm (Z Axis),
- more Travel options available ? Max. Speed: 100 mm/sec
- ? Accuracy: 3 micron

CHILLER

? Water Flow: 5 l/min
? Water Pressure: 4 kg

ELECTRICAL

- Power: Single Phase (230 Volt AC) with Proper Ground Volt = 1 ± 0.5 Volt AC.
- ? Power Consumption: 2 KW ± 0.5 KW.
- ? Earthing: AC Volt <= 1 (Between Neutral & Earthing, Max. 1.5)</p>

MECHANICAL

- ? Dimensions (L x W x H): 1650 x 865 x 1650 mm
- ? Weight: approx. 415 kg

ENVIRONMENT

- ? Room Temperature: 22° C ± 1° C
- ? Humidity: Around 40%

4 IN 1 KIT WITH HIGH PERFORMANCE USA MADE MOTOR

? OEM development available

*Subject to change without notice

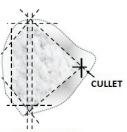
For Information & Inquiries:

Reg. Off.:

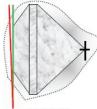
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Surat. (Guj.) INDIA. Ph.: +91-261-2453397 Fax: +91-261-2453329 Navsari Branch: 110/206, Rubi Complex, Shantidevi Road,

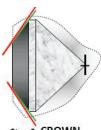
Shantidevi Road, Navsari. (Guj.) INDIA. Cell No.: +91-98798 46197



PLANNED STONE



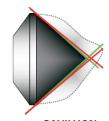
Step 1: TABLE



Step 2: CROWN



Step 3: GIRDLE



Step 4: PAVILLION



AFTER 4 in 1 Process

Mumbai Branch :

Wumbai Branch:
203, A-Wing, Sarita Prabhat Ind. Estate,
W.E. Highway, Near Toll Naka,
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