



SAI IMPEX

**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 @ TEM₀₀ QS
- ⌘ Polarization : Linear
- ⌘ Stability: 15 μ rad

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 \pm 0.5 KW.
- ⌘ Earthing: AC Volt \leq 1 (Between Neutral & Earthing, Max. 1.5)

MECHANICAL

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

ENVIRONMENT

- ⌘ Room Temperature: 22° C \pm 1° C
- ⌘ Humidity: Around 40%

4 IN 1 KIT WITH HIGH PERFORMANCE USA MADE MOTOR

- ⌘ OEM development available
- *Subject to change without notice

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