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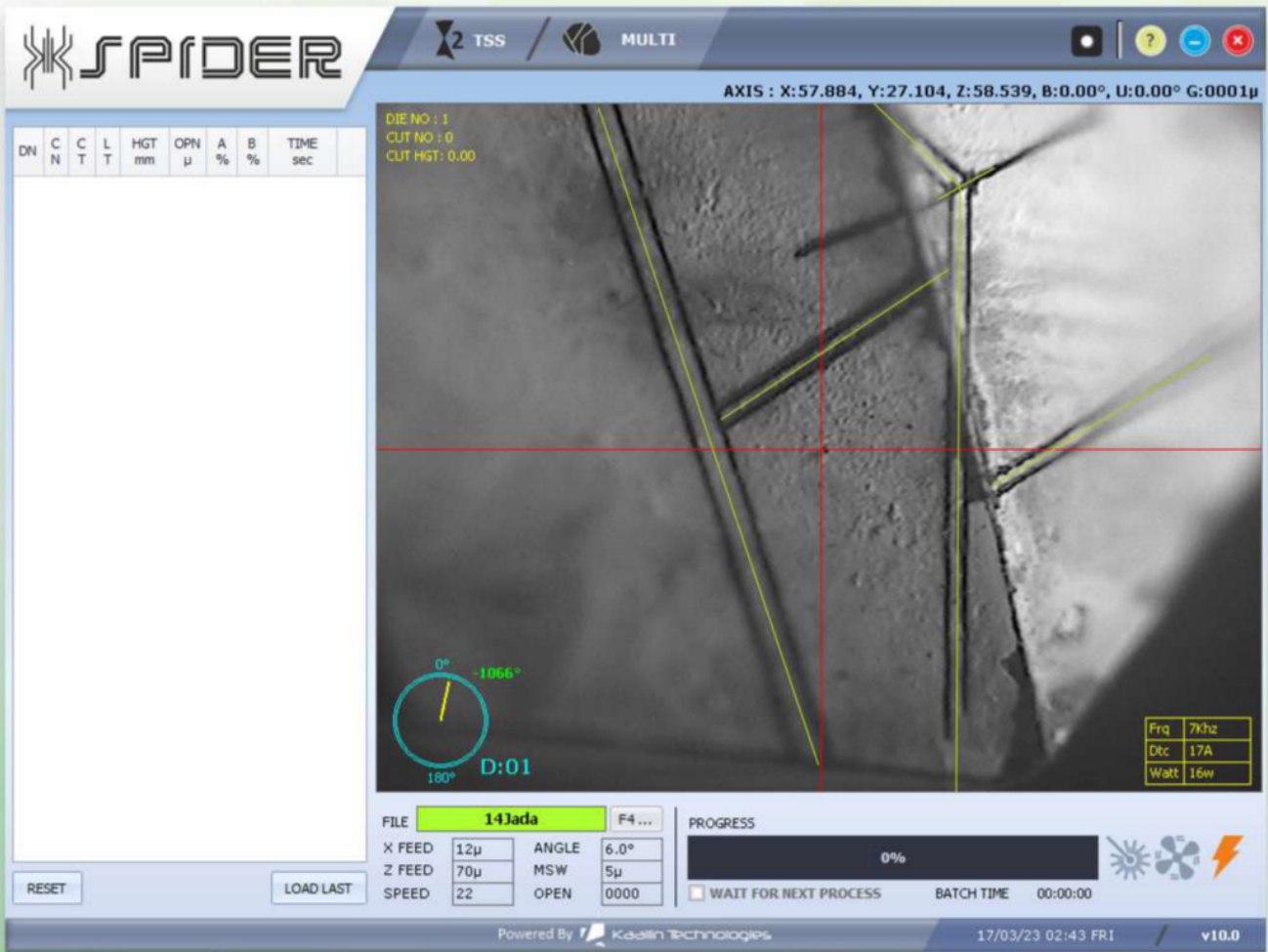
# GREEN DIODE LASER SYSTEM

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## SPECIAL FEATURES

- Low Weightloss.
- Multitop Cutting in Only One Set-up.
- Next to "Nil" Breakage Ratio.
- Smooth Cutting Surface.
- Easy and Smart Program.
- High Production.
- Galvo + Axis Cutting
- Diode, Fiber



## :: SOFTWARE FEATURES ::

- Single and Two Side Cutting
- Facecut
- Step Banding, Focal Banding, Auto Banding
- Auto Image Capture.
- Auto Stroke Length
- User Friendly Software
- Auto Power, Auto Frequency
- Advance Software Feature.

Sawing



Pie/Multi



Slice Cut



Core Cutting



Facecut



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# TECHNICAL SPECIFICATION

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## LASER

Wavelength	:	532 nm
Output Power @ 7.5 KHz, Watts	:	16 W
Transverse Mode	:	TEM <sub>00</sub>
Beam Diameter, mm	:	0.6
Beam Quality (M2)	:	<1.2
Pulse repetition frequency (PRF), KHz	:	1-20
Pulse width @ 7-10 KHz, ns	:	70
Pulse Stability @ 10 KHz (RMS)	:	3
Polarization	:	Linear (Vertical)
Output Stability (% Over 8 hrs)	:	1
Working Temp ©	:	25

## CNC SYSTEM

Axis Travel	:	135 mm* 135 mm*75 mm
Resolution	:	1 Micron or better
Accuracy	:	2 Micron / 25 mm
Repeatability	:	2 Micron / 25 mm bi Directional
Drive	:	Servo Drive with Encoder.

## MECHANICAL

Dimension : 1270 mm\*615 mm\*1480 mm

## ELECTRICAL REQUIREMENT

AC 208-230 V, 60 Hz, 5 Amps.

## CHILLER

No Requirement of External Chiller.



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