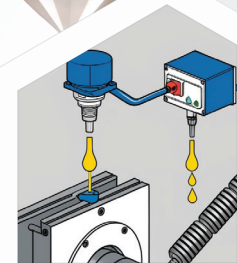
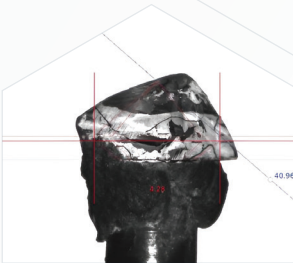
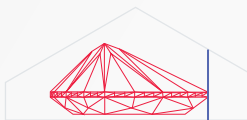
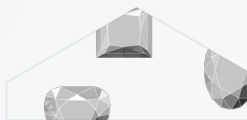
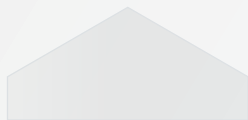
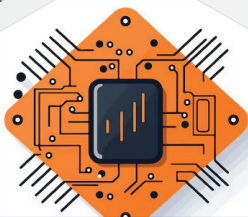
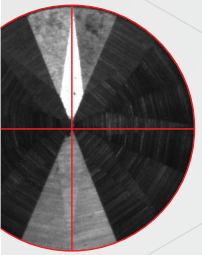


OPTIMUS 2.0

Passionately dedicated to simplifying diamond manufacturing for maximum productivity and brilliance.

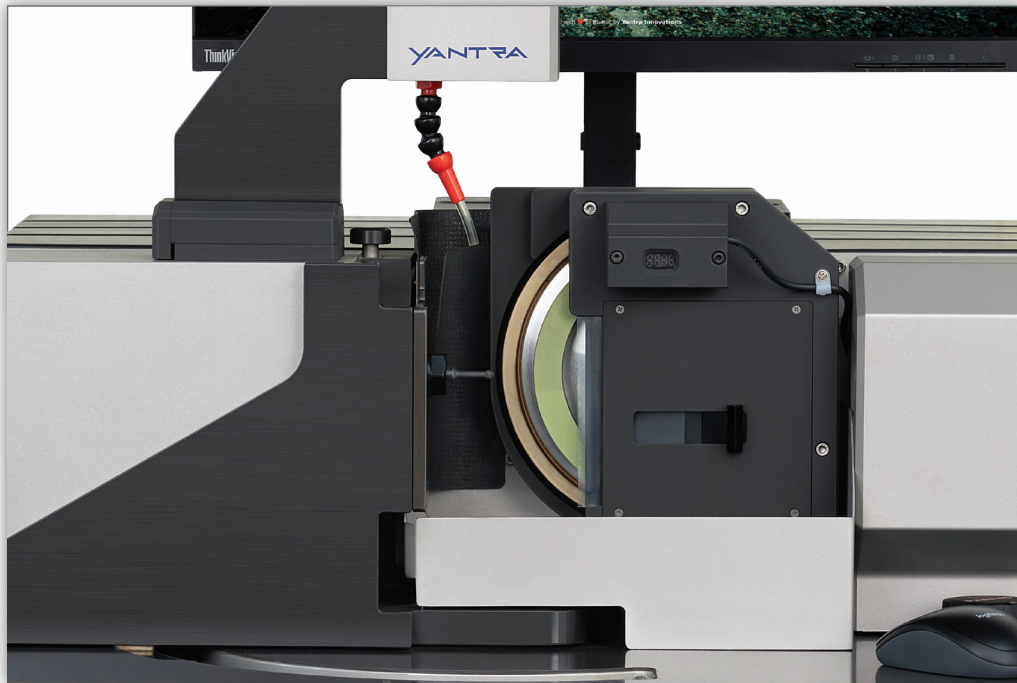




OPTIMUS 2.0

INNOVATION MEETS EXCELLENCE

Advanced Dual Wheel Technology



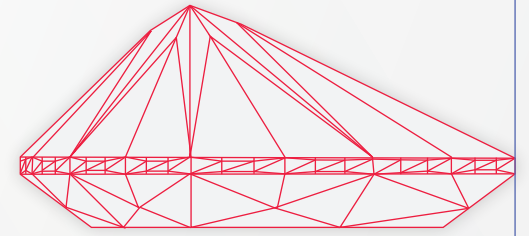
Optimus 2.0 features a **final girdle wheel** for finishing girdle, and a ceramic CUP wheel optimized for efficient bruting and blocking.



**Exclusive 57 facets
execution**



Final Girdle



4.77

**Compatible with
sarine file transfer**

FEATURES



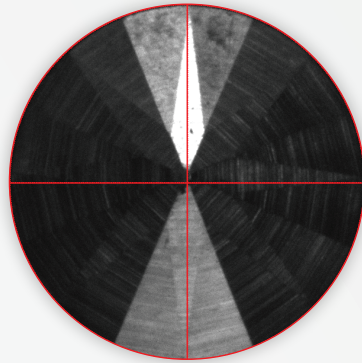
Fancy Girdle



Fancy Blocking

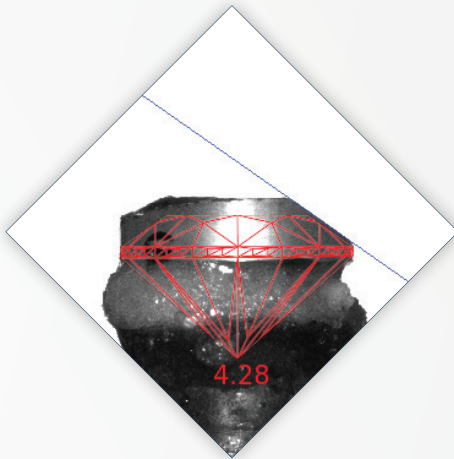


**Conning, Pavilion
and Crown**



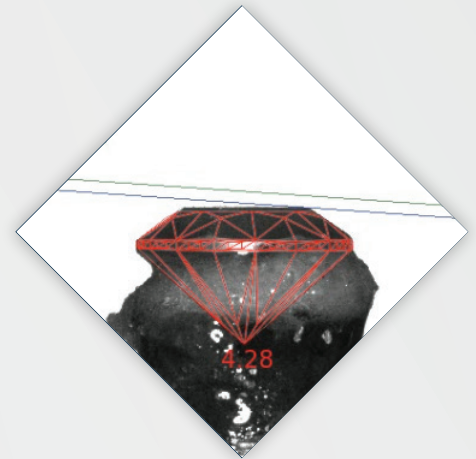
Asymmetrical girdle

FEATURES

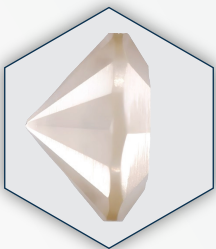
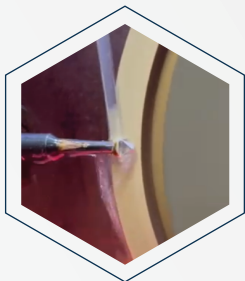
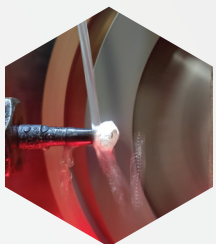


Blocking

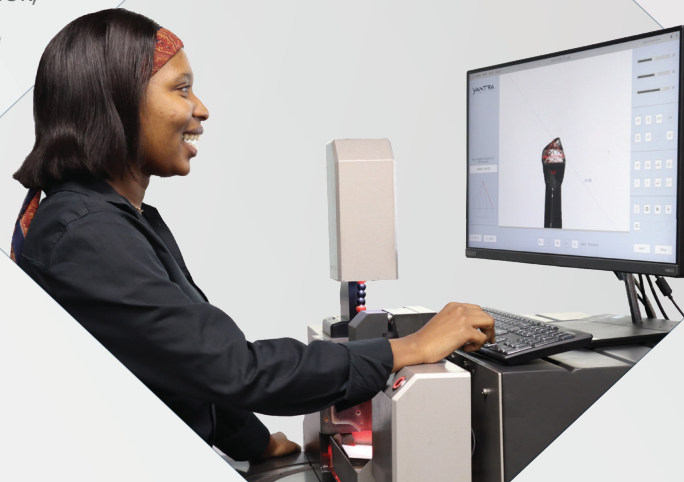
Table with auto
stepping



FINAL GIRDLE

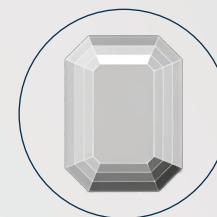
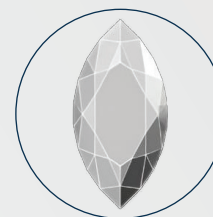
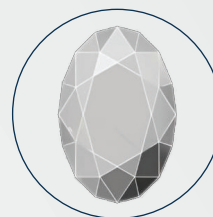
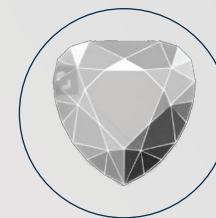
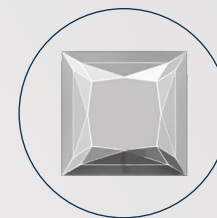


The final girdle process is executed with a single click, resulting in impressive time savings.



One stop solution for Final Girdle process.

Final girdle on fancy shapes



One-Stop Mode



Single Time Setting
(Operator)

Girdle + Pavilion Facet + Final Girdle

Achieves complete diamond processing

in **one setup**, including **girdle**,
pavilion facet, and **final girdle**

operations for both **Round**
and **Fancy** stones.

FEATURES

Single **click** start process

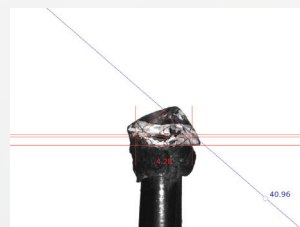


Start

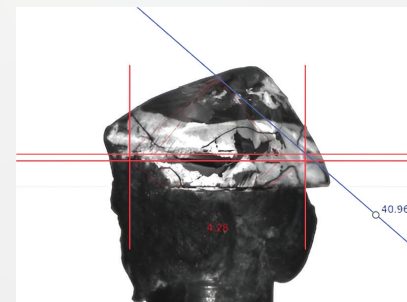


Easy Process

4K-quality vision

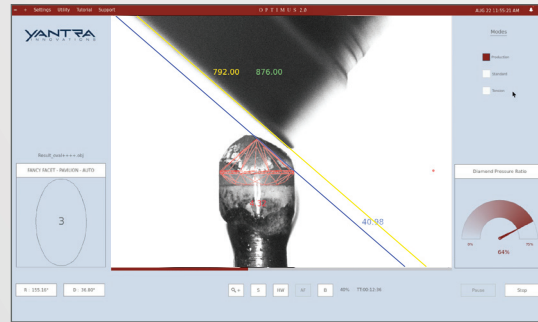


HD

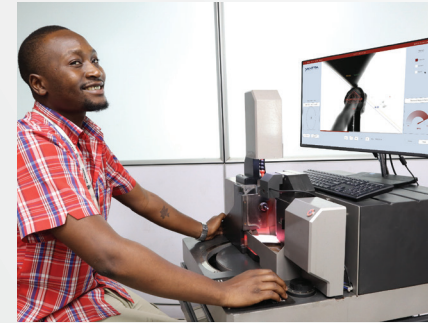


4K Zoom

ADVANCED AI-DRIVEN MODES






Advanced AI-based automatic pressure selection mode.



The Advanced Algorithm selects the cutting pressure.

Modes

-  Production
-  Standard
-  Tension

The process is divided into 3 modes.

Only

3

Modes

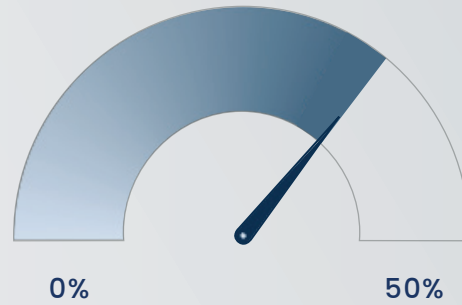
Smart Mode

REAL-TIME PRESSURE CONTROL GRAPH

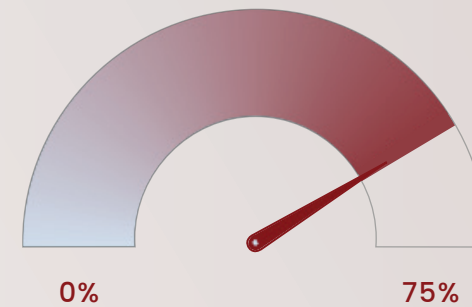
Tension Mode



Standard Mode

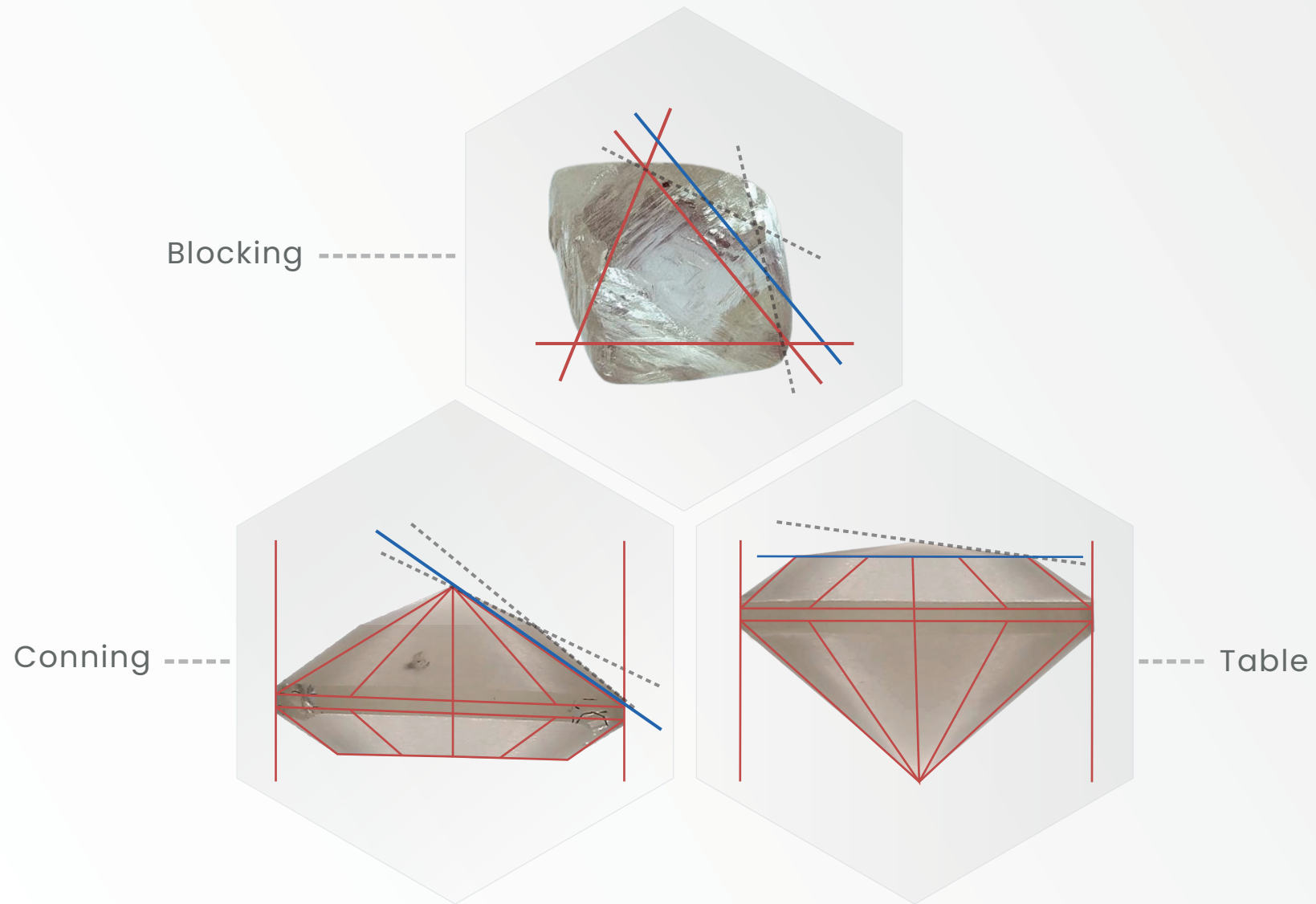


Production Mode



Optimus 2.0 monitors **Real-time** cutting parameters for the superior **control** over **feed** and **pressure**.

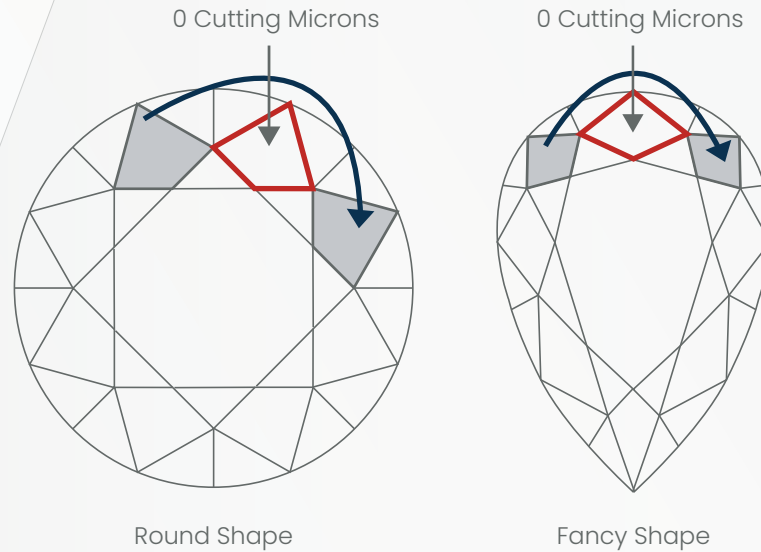
AUTOMATIC STEPPING



Optimus 2.0 **automatically** forms **steps** in the **Conning, Blocking,** and **Table**-cutting process for **tension stones** with real-time pressure analysis **algorithms**.

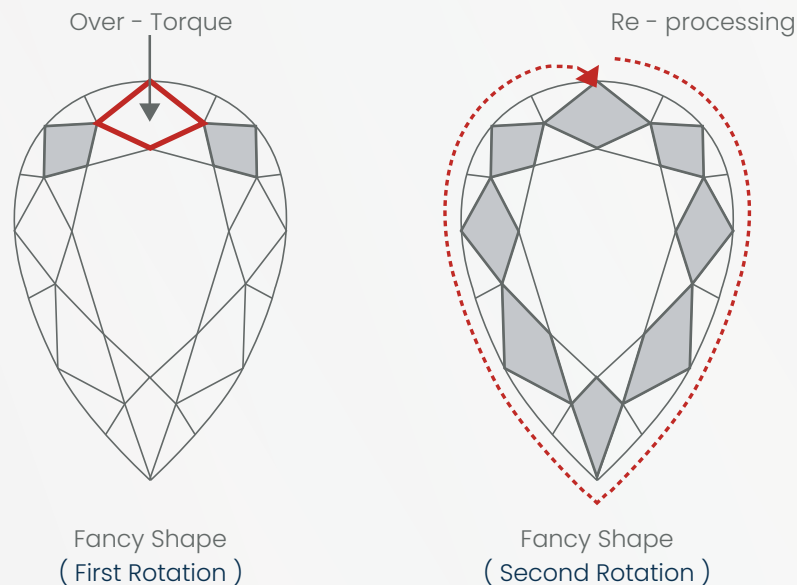
INTELLIGENT SKIP FACET FEATURE

Pre Polished Facet With 0 Cutting Microns



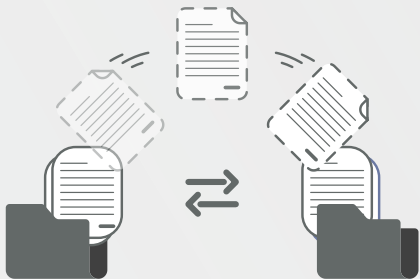
Optimus 2.0 **automatically skips** facets that have **0 cutting** microns for **time-saving**.

Over-Torque Values



Optimus 2.0 **automatically skips** facets when it detects **hard-cutting grains** and **recuts** them in subsequent rotation.

File Transfer Facility

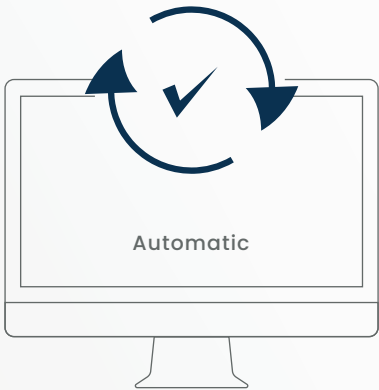


With just one click, the operator can instantly upload data to the cloud when a technical error occurs.

Smart Software Update Procedure

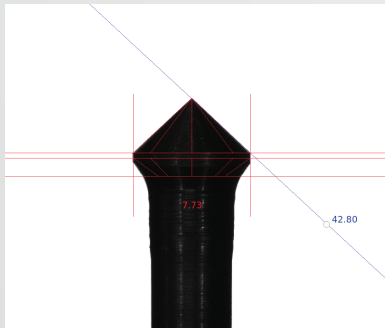
Supports seamless, automatic software updates.

Auto-updates



FEATURES

Auto Calibration



Automatically calibrated for optimal performance.

360 Degree Video Recording

Final output capturing from top & side view.



BENEFITS

User-friendly operating program



Allows even less skilled operators to manage operations efficiently.

Requires less operator involvement



Multi-Machine Supervision,
One man can manage multiple machines at a time.

Streamline production processes for cost-effectiveness



Optimus 2.0's enhanced Brutting cup wheel optimizes operational costs and boosts profitability.

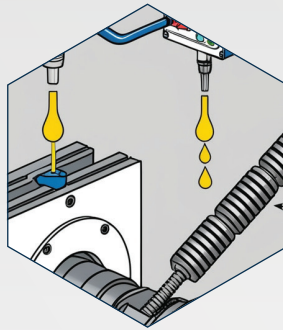
Optimizes the entire manufacturing time cycle for faster production.



Optimus 2.0 features smart AI that executes all diamond shaping operations in one setup, shortening manufacturing cycle time.

BENEFITS

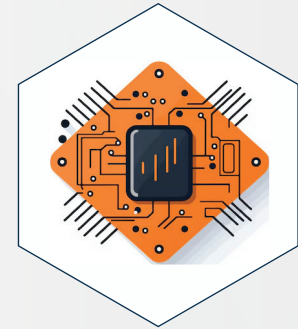
Self- Lubrication



Every 45 minutes.

Self-lubricating system for extended performance and life.

Hardware Feedback



60% direct hardware monitoring.

Industry 5.0 hardware feedback enabled machine.

Service support



Multilingual online service support & notifications for user friendly experience.

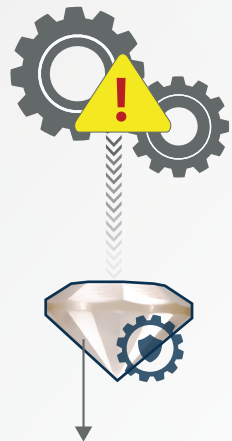
Reports & video recording



Intensified with IOT technology for generating various analysis reports & video recording of processes with it's backup.

Accident-Resilient Technology

Allows even less skilled operators to manage operations efficiently.



Most secured for diamonds.

TECHNICAL SPECIFICATIONS

Dimensions : W-720mm, L-770mm, H-1340mm

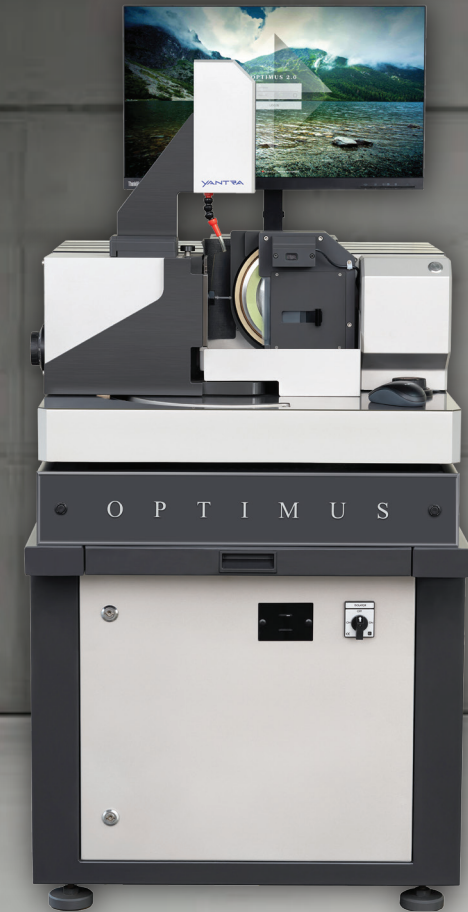
Weight : 290 kg

Voltage : 230V Single Phase

Power Consumption : 2500 W

Operating System : Ubuntu

Sensor : Feedback Sensors with
extreme accuracy





We have customers from **12+** countries of the world.

Sales Headquarter

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☎ +91 93745 74514

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