

 **QUAKELOGIC**

QL-PhotonCut 9060 Pro

INDUSTRIAL CO₂ LASER ENGRAVING & CUTTING SYSTEM



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Turnkey System 3 Ready on Day One

- Each unit arrives fully assembled with dual cutting platforms (honeycomb + knife blade), industrial water chiller, exhaust system, air assist, optics, and RDWorks software-offering a complete solution with no additional components required.

High-Precision Industrial Laser Platform

- The QL-PhotonCut 9060 Pro is a professional-grade CO₂ laser engraving and cutting system engineered for industrial, research, training, and fabrication environments. Its reinforced steel structure, high-power 130W CO₂ laser tube, and precision Ruida motion control deliver consistent accuracy, superior edge quality, and highly reliable long-duration performance.

Key Specifications:

Work Area: 900 × 600 mm

Laser Power: 130W CO₂

Laser Class: Class-4

Control System: Ruida RD6445

Software RDWorks (Windows Compatible)

Cooling: CW-5200 Industrial Water Chiller

Laser Class: Class-4

Positioning: Red-Dot Pointer

✓ Detailed Technical Specs:

Laser Tube

- Yongli 130W CO₂ laser tube
- ≥ 3,000 hours typical service life
- Stable output for long-duration operation

Motion System

- Precision linear guideways
- Stepper motor drive (X/Y/Z)
- Motorized Z-lift supporting ≥ 7" workpiece height

Optics

- Three reflection mirrors
- One focus lens
- Factory-aligned optical path

✓ System Components:

- ✓ Ruida RD6445 controller
- ✓ RDWorks software package
- ✓ High-pressure air pump
- ✓ CW-5200 industrial chiller
- ✓ Exhaust fan + ducting
- ✓ Power cables & tool kit
- ✓ Documentation set (printed + digital)

✓ Safety Features:

- Class-4 laser safety compliance

- Interlocked access panels

- Emergency-stop buttons

- Laser-safe viewing window

- Auto shut-off on enclosure opening

- Electrical overload & thermal protection

✓ Included Accessories:

✓	<ul style="list-style-type: none">• Honeycomb worktable	<ul style="list-style-type: none">• Knife-blade platform
	<ul style="list-style-type: none">• Air assist system	<ul style="list-style-type: none">• Exhaust fan & venting
	<ul style="list-style-type: none">• Water chiller	<ul style="list-style-type: none">• Optics (mirrors + lens)
	<ul style="list-style-type: none">• USB cable	<ul style="list-style-type: none">• Maintenance tools

✓ Warranty & Support:

12-month manufacturer warranty <ul style="list-style-type: none">• Covers all major components	<ul style="list-style-type: none">• Lifetime remote technical support
Spare parts availability <ul style="list-style-type: none">• 1 year	<ul style="list-style-type: none">• Optional extended warranty packages



Advancing Laser Cutting Precision with QuakeLogic Excellence

Corporate Headquarters

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For strategic collaborations, enterprise-level instrumentation solutions, and comprehensive technical inquiries.

Our Unwavering Commitment to Operational Excellence

Certified Quality Assurance

Complying with international standards for product reliability, performance, and safety.

Pioneering Industry Leadership

Delivering advanced spectroscopy and sensing technologies that ensure precision, repeatability, and ease of use.

Dedicated Client Support

Providing responsive technical support, calibration guidance, and complete after-sales assistance for every system delivered.

Explore Our Complete Product Portfolio



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Discover how QuakeLogic's advanced laser engineering solutions can transform your fabrication workflows and elevate precision cutting performance to new heights.

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