

Fiber Welder/Cutter/Cleaner

Water Cooled

LCW 3 In 1

Laser Source: Raycus

Power: 1500W, 2000W, 3000W

FROM

\$13,950+GST



The LCW 3-in-1 Hand-held Fiber laser brings you 3 amazing functions all in 1 unit. Weld a range of metals in varying thicknesses (depending on laser power) then change your tip in as little as 15 seconds, to quickly cut or clean the metal surfaces with ease. Welding never became so easy or affordable, with such a short learning curve, anyone can master this Fiber 3-in-1 machine.



Features:

- Small light weight hand-held gun design
- Class 4 laser system
- Fast 15 second nozzle exchange, to quickly swap between welding/cutting and cleaning
- Full set of nozzles included
- Wire feeder included
- Welding with or without wire
- Easy to learn the basics within a few hours and start welding!
- Cleaning function can be used for Pre and Post welding clean-up
- 3-in-1 machine welding/cleaning/cutting
- Adopts a simple and intelligent operating system with process parameter library for saving and easily accessing previous settings.
- Remote control at welder's side for quick multi parameter adjustment
- Smooth and aesthetic seam-weld with ease
- Spot weld, continuous spot well, fish scale weld, full weld, and continuous seam weld
- Single wire available as standard, 2/4 wire options for 3kW

Welding									
Material		Thickness (mm)	Wire Diameter (mm)	Speed mm/s	Max Power %	PWM Duty Cycle	PWM Frequency	Sweep Frequency HZ	Sweep Width mm
SS	1.5kW	0.5	/	/	0.23	100	1000	150	1.5
		0.8	0.8mm	18	0.3	100	1000	100	2.5
		1	1mm	18	0.38	100	1000	100	2.5
		1.2	1.2mm	15	0.4	100	1000	100	3
		1.5	1.5mm	131	0.4	100	1000	60	3
		2	2mm	12	0.45	100	1000	40	3.5
		2.5	2.5mm	10	0.5	100	1000	40	3.5
	3.0kW	3	3mm	8	0.65	100	1000	30	4.5
		4	4mm	6	0.75	100	1000	30	4.5
		6	6mm	5	0.85	100	1000	30	4.5
CS	1.5kW	0.5	/	/	0.23	100	1000	150	1.5
		0.8	0.8mm	18	0.33	100	1000	100	2.5
		1	0.8mm	18	0.38	100	1000	100	2.5
		1.2	1.0-1.2mm	15	0.38	100	1000	100	3
		1.5	1.2mm	12	0.4	100	1000	100	3
		2	1.2mm	12	0.67	100	1000	30	3.5
		2.5	1.2mm	10	0.7	100	1000	30	4
	3.0kW	3	1.6mm	8	0.85	100	1000	30	4.5
		4	1.6mm	6	0.85	100	1000	30	4.5
		8	1.6mm	5	0.85	100	1000	30	4.5
AL	1.5kW	1	1.0mm	15	0.5	100	1000	100	2.5
		1.2	1.0-1.2mm	13	0.55	100	1000	80	2.5
		1.5	1.2mm	12	0.7	100	1000	40	3
		2	1.6mm	10	0.85	100	1000	40	4
	3.0kW	3	1.2mm	8	0.85	100	1000	40	4
		6	1.6mm	5	0.85	100	1000	40	4

* Can be used for galvanised steel, nickel and titanium up to 2mm

Cutting			
Material		1500W Air Cooled	3000W Air Cooled
SS	Cut up to	3mm	6mm
CS	Cut up to	4mm	8mm
AL	Cut up to	3mm	6mm

Technical Parameters	Specifications
Laser Power	1500W, 2000W, 3000W (optional)
Laser Wavelength	1064nm
Fiber Length	Standard 5m / Maximum 15m
Welding Speed Range	0~120 mm/s
Cooling Chiller	Industrial water chiller
Working Environment Temperature Range	15~35 °C
Welding Thickness Recommendations	0.5-3mm
Working Voltage	230V 50Hz 20Amp - 1.5kW Fiber source 415V 50Hz 10Amp - 2kW Fiber source
Laser Source	Raycus
Laser Head	Au3tech
Packing Size	1.35*0.78*1.25m
Gross Weight	350kg
Consumable Gas Option	N2 for Stainless Steel or Argon for Aluminium & Steel

⚡ Koenig Machinery - Over 10 Years!

Your Trusted Local Machine Solution Expert

Australian-Based Sales, Service & Support You Can Rely On

For over 10 years, Koenig Machinery has been delivering best-in-class CNC laser solutions to businesses across Australia. With locally based technicians in Sydney, Melbourne and Brisbane, we provide nationwide coverage, ensuring our customers receive fast, reliable, and expert technical support whenever needed. Our Australian-based customer service and technical support teams operate from our Melbourne head office, delivering responsive assistance tailored to local business needs.

Investment In Innovation & Customer Experience

At Koenig Machinery, we are committed to continuous investment in technology, facilities, and customer service. Australia's largest range of demonstration machines in our Brisbane, Sydney and Melbourne showrooms, where we feature the latest in CNC laser machinery, providing live demonstrations and a dedicated space for technology development. We believe in empowering our customers with firsthand experience of the precision, efficiency, and reliability that our machines offer.

Strong Industry Partnerships & Long-Term Commitment

As a trusted supplier with industry-leading manufacturer relationships, we provide Australian businesses with high-quality CNC laser equipment designed for performance and durability. Our commitment to long-term customer relationships is reflected in our ongoing investment in technical staff, service and support teams, as well as enhanced marketing and management infrastructure. These strategic investments enable us to meet the growing demands of our expanding customer base across the Australian continent.

Why Choose Koenig Machinery?

- Locally based Australian technicians covering the entire country.
- Australian-based technical support and customer service from our Melbourne head office.
- Over 10 years of trusted service to Australian businesses.
- Ongoing investment in a state-of-the-art Melbourne showroom with the latest CNC laser technology.
- Commitment to long-term partnerships with expanded service, support, and management capabilities.
- Experience the Koenig Machinery difference – your partner in precision and performance.

Contact us today to learn more!



Showrooms

View a machine in one of our showrooms located in Melbourne, Sydney or Queensland and have your questions answered by one of our qualified in-house technicians.



Victoria - Head Office and Showroom

55 Metrolink Circuit

Campbellfield VIC 3061

Open: 9am-5pm Monday - Friday

PH: (03) 9037 0826



NSW - Branch and Showroom

U10, 242D New Line Rd

Dural NSW 2158

Open: 9am-5pm Monday - Friday

PH: (02) 8408 0265



QLD - Branch and Showroom

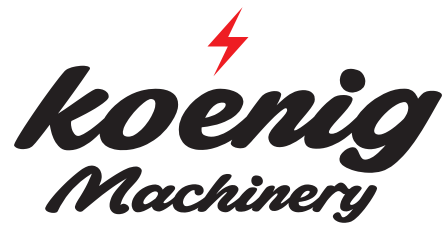
4/23 Ford Rd

Coomera QLD 4209

Open: 9am-5pm Monday - Friday

PH: (07) 2802 5475

**Prices, features, and imagery are subject to change without notice.
Please check our website for the most up-to-date information.**



⚡ Services



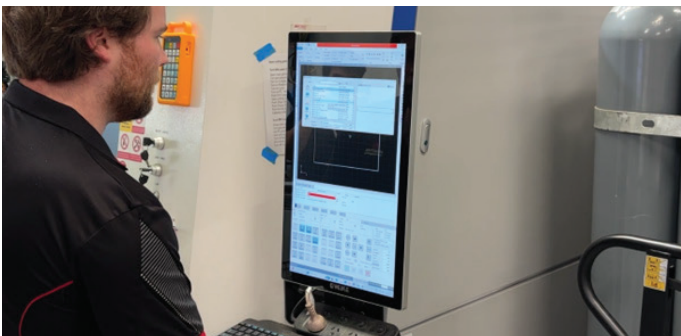
Machine Servicing

We offer scheduled maintenance and onsite service calls at reasonable rates. Our technicians work with you to maximize uptime and keep your business running economically.



Technical Support

Enjoy free lifetime phone and email support by Australians in Melbourne, Sydney and Brisbane. We provide onsite assistance and technical support to help you identify the right solution.



Operator Training

Our comprehensive on-site training ensures your team is confident in software, machine procedures, and maintenance. We empower you to run your equipment solo and successfully.



Machine Installations

Highly trained technicians handle your professional installation, assembly, and leveling. We calibrate the machine system and settings specifically to your needs to ensure optimal performance



Machine Consumable Warehouse

As a major Australian supplier, we stock over 100 varieties of acrylic sheets, laser plywood, nozzles, and lenses. One-stop sourcing ensures your production never stops.



Machine Spare Parts Warehouse

Our local warehouses stock essential components like air compressors and water chillers. We ensure product compatibility and fast shipping Australia-wide to reduce your setup hassles.

⚡ Testimonials



Matthew Dawson

“Partnering with Koenig Machinery allowed us to internalise production, ensuring total quality control. Their 3kW GA Pro delivered immediate ROI, faster turnarounds, and complete engineering independence.”

RMS Manufacturing, Victoria AUS

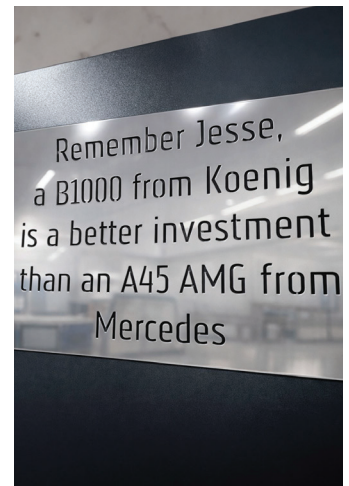
“Koenig has been excellent. Their support is levels above the competition, and the 75% reduction in production time has transformed our business. We have no regrets.”

SPS Drains, New South Wales AUS



“Since installing our Koenig fiber laser, we’ve slashed lead times from weeks to days. Their local support and high-precision machinery have revolutionized our production efficiency.”

Elanora Signs, New South Wales AUS



“Koenig is a stable partner. Their support is a phone call away, and the efficiency is undeniable—our finishing time dropped from twenty hours to twenty minutes.”

Maker Supplies, South Australia AUS