

Light Tube Fiber Laser - 2 Chuck

100 Series Tube Fiber

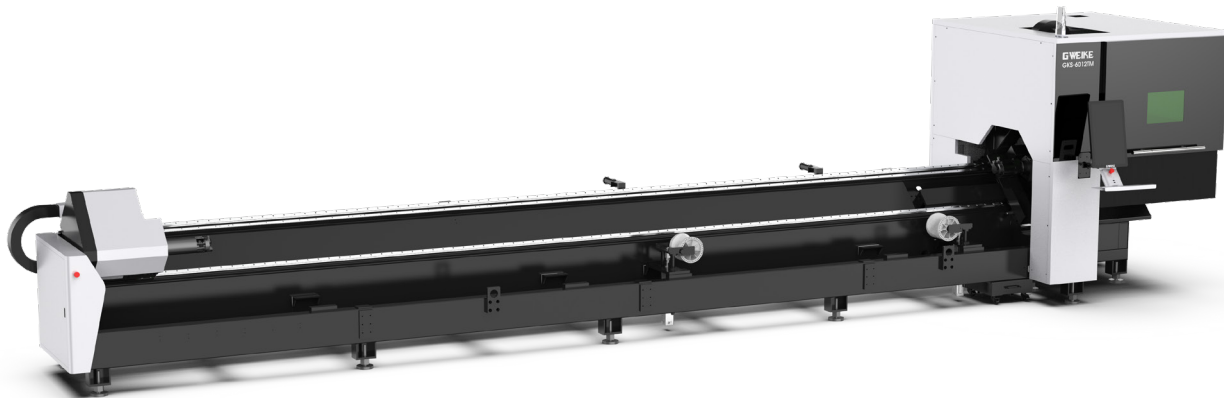
FROM







\$84,050_{+GST}

Tube Length: 6m (standard), 9m available

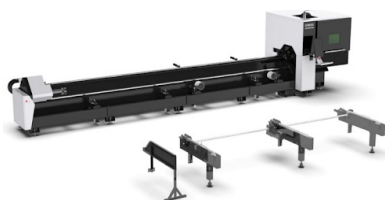
Fiber Laser Source: MAX, Raycus or IPG

Power: 1.5kW, 3kW

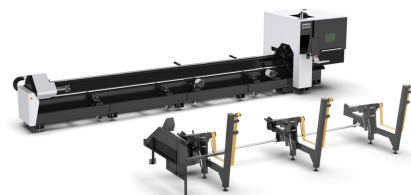


	 Diameter	 Edge	 Diagonal	 Width	 Width	 Leg
120 2 Chuck	10 - 120mm	10 x 10 to 120 x 120mm	≤120mm	50 - 80mm	50 - 80mm	50 - 80mm
160 2 Chuck	10 -160mm	10 x 10 to 160 x 160mm	≤60mm	50 -120mm	50 - 120mm	15 - 160mm

Handles everything from standard rounds and squares to I-beams and channel steels with a robust 80kg load capacity. Featuring a high-performance pneumatic square chuck and the industry-leading TubePro (by Bochun) Bus CNC system, it delivers an ultra-efficient 30mm minimum tailing to drastically reduce material waste. Whether you choose the semi-automatic or fully automatic feeder, its modular design adapts to your workflow.



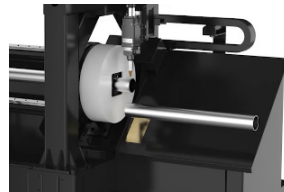
Semi-Automatic Loading



Fully-Automatic Feeding

Features:

- Physical barriers and Safety zoning configurable to meet site and operational safe working requirements
- Side-Mounted Bed for enhanced operator safety when loading and unloading and machine stability
- Sloped outfeed table for streamlined part collection and efficient workflow management
- Variable diameter wheel configuration for stability
- Flexible options for labor efficiency, by adding **semi-automatic loading** or **fully automatic feeding**; and 2m Variable diameter wheel offload table.
- Front Chuck overstepping minimizing the end piece to 30mm; Optional Precision chuck for ZERO waste (≤D80mm and ~L600mm), improved Higher mechanical performance and long term durability.
- Self-centering pneumatic chuck with automatic 4-claw adjustment - no manual chuck adjustment
- Large Portrait style monitor screen with wireless controller
- BOCI 3 Series Tube cutting laser head with automatic focusing laser head and fine 3D tip
- Cypcut controller TubesT design software with full 3D tube nesting. From parts drawing and modification, full type compensation, strategic nesting to report generation, allowing for all closed and open tube profiles to be created/imported and worked with.
- Powered by the TubePro EtherCAT Bus System, providing ultra-stable motion control, intelligent centering for irregular profiles, and advanced 'FlyCut' technology for maximum throughput
- TBI Ball screw drive system; Hiwin guide rails
- Yaskawa Servo motors, Schneider electrical parts;
- Automatic lubrication system; and Electronic regulators for all gas connections O₂, N₂ and compressed air, allowing for fully software controlled pressure



Technical Parameters	Specifications
Laser Power	1.5kW, 3kW
Tube Length	100S-6, up to 6.5m tube length 100S-9, up to 9.5m tube length
Minimum Waste Stock Length	30mm – back chuck clamping only. Optional: Precision chuck - ZERO waste ($\leq D80\text{mm}$ and $\sim L600\text{mm}$) & Higher duty
Clamp Diameter	120: 10-120mm standard 160: 10-160mm standard (Min is 20mm w/infeed)
Tube Weight capacity	80kg
Outfeed Table	Sloped $\sim 1\text{m}$ fixed outfeed table Optional: 2m Offload table with Variable diameter wheel configuration
Machine Size	100S-6, 9550mm*2500mm *2380mm 100S-9, 12550mm*2500mm *2380mm
Machine Options	Infeed Semi Automated Loading - Automated loading of placed stock (4.5-9.5m) Infeed Fully Automated Feeding - Automated feeding of bundled stock (4.5-9.5m)
Laser Source Type	MAX, Raycus or IPG
Laser Head Type	BOCI BLT 3 Series Automatic focusing laser head with "3D" fine tip
Cooling Type	Industrial Water Cooling – S&A water chiller
Chuck Speed	Rotational: 200rpm Linear: 120meters pm (Speeds affected by loaded weight)
Acceleration	1G
Laser Output Control	0-100% set by software
Drive Method	TBI ball screen drive, Yaskawa servo motor control with Hiwin guide rails
Positioning Accuracy	0.05mm/m
Re-Positioning Accuracy	0.03mm
Minimum Line Width	0.1mm
Controlling Software	TubePro Control software with TubesT for 3D Tube design, import and nesting TubePro (Cypcut) and TubesT Lite (Optional upgrade to TubesT)
Graphic Format Supported	3D: IGS, SAT, JHB 2D: DXF
Compatible Software	Common 2D and 3D CAD programs, Lantek ERP and more
Color Separation	Yes (imports colours to control cutting layers)
Auxiliary Equipment	Exhaust Fan, Industrial water-cooling unit.
Power Supply	Machine: 1.5kW = 415V 50Hz 32amp 3kW = 415V 50Hz 50amp
Gas Regulation	Software controlled electronic low- pressure O2 regulator (for fine adjustment at low pressure) And high pressure N2 and Compressed air electronic regulator (high pressure cutting)
Gas Specification	O2 (mild steel and copper cutting) – 4 pack min Min 99.7% purity – 10m3/h maximum flow rate – 10bar max pressure N2 (Stainless, Aluminium, Brass and thin Mild steel cutting) – 9 pack min Min 99.9% purity – 40m3/h maximum flow rate – 24bar max pressure Compressed air (Stainless, Aluminium, Brass and thin Mild steel cutting) SEE OUR 20DHY-20Bar COMPRESSOR OPTION
Working Environment	Temperature:0-45C, Humidity 5-95% (No Condensate Water)

⚡ 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

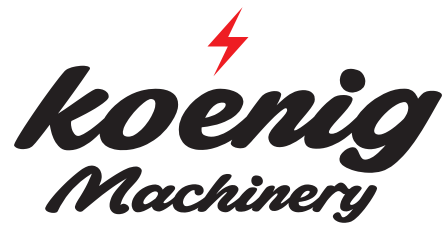
U10, 242D New Line Rd
Dural NSW 2158
Open: 9am-5pm Monday - Friday
PH: (02) 8408 0265



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



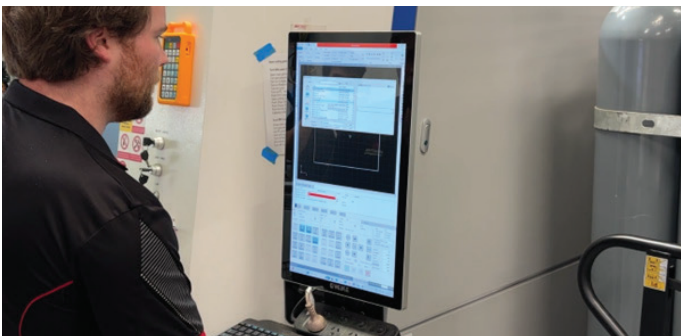
Machine Servicing

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.



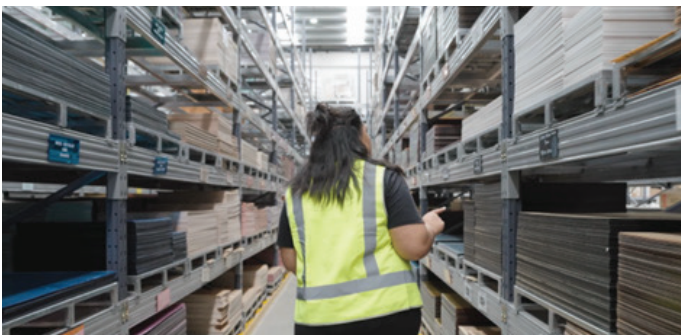
Operator Training

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

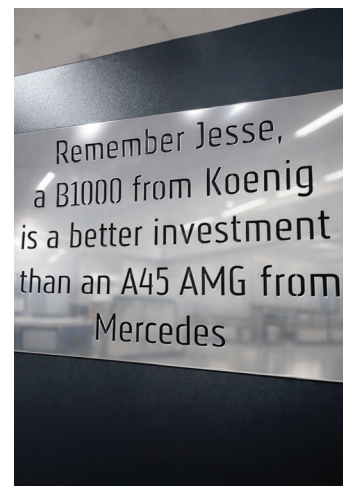
“Koenig has been excellent. Their support is levels above the competition, and the 75% reduction in production time has transformed our business. We have no regrets.”

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