

Revolutionise Your Welding: The Power of Fibre Laser Technology

01 RECI Fibre Laser Welders

Main Characteristics

- Energy Efficient
- High powered, excellent beam quality
- Robust, reliable operation
- Low cost of maintenance



Wobble Function

02 Applications

- Industrial fabrication
- Automotive
- Aerospace
- Medical
- Electronics
- Energy Sector
- Shipbuilding
- Machinery building
- Construction
- Research & development

Introducing Advanced Fibre Laser Welders

In the demanding landscape of modern manufacturing, precision and efficiency are imperative. Our RECI Fibre Laser Welders represent the pinnacle of technological advancement, offering unparalleled precision and speed in welding applications across various industries at an **incredibly affordable price point**.

Designed to meet the rigorous standards of sectors including aerospace, automotive, medical device

03 A Series - Air Cooled

All of the models in the A Series are air cooled.

A80, A120, A150 and the A200 offer impressive performance across the range with high quality results in an easy to use package with cost effective consumables.

manufacturing, and more, these welders provide a reliable solution for projects requiring the utmost accuracy. Engineered for performance, our Fibre Laser Welders combine high-quality output with ease of use, making them suitable for both intricate and heavy-duty welding tasks. Their use of fibre optic technology ensures consistent, precise welds with minimal heat distortion, catering to the needs of diverse manufacturing environments.

Discover the efficiency and precision of our Fibre Laser Welders, designed to elevate your manufacturing processes with cutting-edge technology.



Model		A80	A120	A150	A200
Optical Specification	Limit output power (W) at 19A	700	1000	1300	2000
	Max output power (W) at 22.5A	800	1200	1500	2200
	Operating mode	24h continuous working			
	Power range (%)	10-100			
	Central wavelength	1080±3			
	Power instability (% during continuous operation over 1 hr)	≤1			
	Power instability during environmental conditions(% from 0-40 deg C)	≤3			
	Max. modulation frequency (kHz)	20			
	Red dot laser power (mW)	>0.5			
	Operating cable length (m)	5m as standard (10m optional)			
Electrical Specification	Operating voltage	AC 220V 50/60Hz			
	Power consumption (W)	<2500	<3000	<4000	<6000
	Control mode	Ext. AD/Loc. AD			
Other	Dims WxHxD (mm)	273x614.9x396.3	273x634.9x527.7	273x634.9x527.7	273x634.9x667.7
	Weight (kg)	<34	<40	<43	<55
	Ambient temp range (°C)	-5 - 40			
	Ambient humidity (%)	<90			
	Cooling method	Air cooled system			
	Storage temp range (°C)	-10 - 60			
	Input gas pressure (Mpa)	≤0.7			