



Revolutionise Your Welding with **Strata** **Laser Welders**

Compact, Powerful, and Precise
The Future of Welding



- 6-10X FASTER SPEED THAN TRADITIONAL WELDING
- STRONGER & PRECISE
- EXCELLENT WELD APPEARANCE
- REDUCED FUMES
- LESS EXPENSIVE GAS USE

SLR PRO SERIES

Why Choose Laser Welding?

Speed, Precision and Appearance

Exceptional Weld Appearance:

Achieve superior, clean, and uniform welds with minimal post-weld cleanup. The focused precision of laser welding reduces the need for grinding and finishing, maintaining the integrity and appearance of the original materials.



Fast Weld Speeds:

Experience speeds 6-10 times faster than traditional welding methods, particularly in thinner materials. This increase in speed significantly boosts productivity, allowing more work to be completed in less time.



Reduced Operational Costs:

Thanks to the efficient use of high-energy laser beams, laser welding requires less shielding gas compared to conventional methods. This results in lower consumables costs and, combined with the speed of welding, leads to substantial savings.



Applications Across Industries

- HVAC Industry
- Automotive Manufacturing
- Jewellery Making
- Medical Device Manufacturing
- Electronics and Microfabrication
- Construction and Heavy Equipment



FASTER

6X10x FASTER SPEED THAN TRADITIONAL WELDING



AESTHETIC

EXCELLENT WELD APPEARANCE



ECONOMICAL

LESS EXPENSIVE GAS USE



PRECISE

STRONGER & MORE PRECISE



SAFER

REDUCED FUMES

Our Top Laser Welder Range

Handheld Laser Welders

Packages include Laser Welder, Single Wire Feeder, Torch & Accessories

Revolutionise your workshop efficiency with the STRATA SLR Series laser Welding Machine. Ideal for a wide variety of welding applications, especially in thinner materials - weld up to 10x faster than traditional TIG welding technologies!



#SLR 3000

1500W
Laser Power

20-160cm
Welding Speed (Per Minute)

3800W
Max Input Power

#SLR 5000

2500W
Laser Power

20-160cm
Welding Speed (Per Minute)

5400W
Max Input Power



Optional Twin Wire Feeder Available

40523



MODEL	SLR3000	SLR5000
WEIGHT (KG)	43	45
LASER POWER (W)	1500	2500
MAX INPUT POWER (W)	3800	5400
VOLTAGE	230V/50HZ	230V/50HZ
WELDING SPEED (CM/MIN)	20-160	20-160
DIMENSIONS (MM) (LxWxH)	670x430x310	670x456x310
WELDING WIRE DIAMETER (MM)	0.8/1/1.2/1.4/1.6	0.8/1/1.2/1.4/1.6
TORCH WOBBLE WIDTH	0 - 5mm	0 - 5mm
WORKING TEMPERATURE (C-)	-20~60	-20~60
WORKING HUMIDITY	<90%	<90%
OUTPUT MODE	Integrated amored cable + torch	Integrated amored cable + torch
WORKING DURATION	100% Duty Cycle/24Hr continuous welding	100% Duty Cycle/24Hr continuous welding

- Exceptional weld appearance, eliminates expensive and difficult finishing tasks.
- Amazing weld speeds
- 100% Duty Cycle, built for industrial production environments
- Single Phase Input power for portability and convenience
- Weld from 0.2mm up to 9mm
- Stronger welds with very minimal heat input outside the weld bead



SLR3000/5000
User guide, specs, videos

[LEARN MORE](#)

Laser Welding Helmet

#SLR1100

Specifically designed to protect against the scattered and diffused light generated during laser welding processes performed with hand-held laser systems, and protects from the near-infrared spectrum emissions.



SLR1100
User guide, specs, videos

[LEARN MORE](#)



Laser Goggles

#SLR-GG

Goggles used for laser welding.



SLR-GG
User guide, specs, videos

[LEARN MORE](#)



Safety and Expert Support

Safety Features



Built-in Safety Protections:

Our welders are equipped with comprehensive safety features including closed loop welding protection, emission on warning, and gas pressure sensing to ensure safe operation at all times.



Emergency Stop:

Safety stop wire when torch leaves welding surface.
Safety relay for automatic door entry shut off.



Temperature Monitoring:

The welding gun is monitored for temperature with automatic shutoff to prevent overheating.



Book a Live Demonstration

We have demonstration machines available and our knowledgeable team are more than happy to show you/send you an example of your material/workpiece welded with the precision SLR Pro Series machine.

We are looking forward to showing you the significant production efficiencies and weld quality advances that this revolutionary technology can offer in your business.

www.strata.co.nz | 0800 387 678