



# LW-1.5KW

**NGEN**<sup>®</sup>  
EMPOWERING FUTURE

## LW-LASER WELDING MACHINE

1500W with Single Wire Feeder



SPECIFICATION	
<b>Model</b>	<b>LW-1.5KW</b>
Input Voltage(V)	AC220V±15%
Laser Source Power(W)	1500(Brand:Max)
Wavelength of laser(nm)	1070-1090
Output Optical Fiber Length(m)	10
Working Mode	Continuous/Adjustable
Working Speed(mm/s)	0~120
Cooling Method	Inbuilt water chiller
Wire Feeder	Separate
Working Temperature(°C)	15~35
Working Humidity	< 70% non-condensing
Welding Depth(mm)	0-5
Welding Beam Width(mm)	0-5
Dimension(cm)	Power 95*75*103
(L*W*H)(mm)	Wire Feeder 60*30*40
Welding Material	Carbon Steel,Stainless Steel, Aluminium,Brass Etc.

### Product Features

- Operates 3–10x faster than traditional arc welding
- Automated control ensures uniform weld width and depth, minimizing grinding and polishing.
- Precise system controls produce consistent joints with a narrow heat-affected zone. This prevents deformation and eliminates the need for time-consuming post-weld grinding and polishing.
- Virtually zero spatter and toxic fumes, creating a much safer, cleaner environment compared to traditional welding.
- Includes a full set of nozzles for all joint types and can be integrated with robots or CNC systems.

 **Designed in CANADA**  
Built to Last

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Laser Welding	●
Laser Cutting	●
Configuration	
Optical Fibre Cable	10m
Digital Wire Feeder(double rollers)	●
Laser Welding Torch	2 pcs
Wire Feeding Liner(0.8/1.0 roller 2pcs)	3m
Wire Feeding Liner(1.0/1.2 roller 2pcs)	4m
Welding Copper Nozzle	6 pcs
Cutting Nozzle	1 pcs
Protective Lens	5 pcs
Gas Hose	3m
Goggle	1 pcs
Spanner	1 set

