

Product Datasheet

LC-WELD NEO



Technical information

Main Data

Model	LC-WELD NEO 3.0	LC-WELD NEO 4.0	LC-WELD NEO 5.0
Product Reference	LC-SL-NEO800W	LC-SL-NEO1200W	LC-SL-NEO1500W
Electricity consumption	<3000 W	<5000 W	<6000W
Voltage	230VAC		
Power stability (2 hours)	<1.5%		
Power stability (24 hours)	<2%		
Dimensions approx.	440x690x430 mm		
Weight approx.	<40kg		
Hose length	<6m		

Laser Data

Model	L800W-V.1-A	SL- L1200W-V.1-A	SL- L1500W-V.1-A
Product Reference	SL- L800W-V.1-A	L1200W-V.1-A	L1500W-V.1-A
Laser Power	800W	1200W	1500W
Consumption	<2800W	<4800W	<5800W
Laser Type	Continuous Fiber Laser		
Wavelength	1064nm		
Power Range	1-100%		
Frequency Range	1-10kHz		
Gun Connection Type	QBH		
Fiber Length	7 m		
Output Fiber Diameter	20 µm		

Anti-glare protection	Yes
Weight	27 kg
Dimensions	404x406x160 mm
Working temperature	0~40°C
Humidity of the environment	10-90%
Cooling System	Air cooling
Storage temperature	-10-60°C
Laser Class	Class 4 (IEC 60825-1)
Pointer Power	1mW
Pointer Class	Class 2M (IEC 60825-1)

Feeder Data

Model	LC-FEED SCR V1
Product reference	LC-FEED-SCR-V1.0
Consumption	<200W
Tension	24Vdc
Dimensions	340x500x460mm
Weight	<12kg
Engine Type	DC PWM
Others Engine	Includes Encoder
Control System	CANBUS

Double feeder data

Model	LC-FEED SCR DOBLE ARRASTRE V0		
Product reference	Feeder LC-WELD NEO V.4 Doble Arrastre (800W)	Feeder LC-WELD NEO V.6 Doble Arrastre (1200W)	Feeder LC-WELD NEO V.8 Doble Arrastre (1500W)
Nominal consumption	<65W		
Tension	24Vdc		
Output shaft speed	100rpm		
Dimensions	340x500x460mm		
Weight	<15kg		
Engine Type	DC PWM		
Others Engine	Includes Encoder		
Control System	CANBUS		

Gun Data

Model	LC-WELD GUN SM
Material	Aluminum/Stainless steel
Product reference	LCWELD GUN SM V 4.4
Weight	670g
Dimensions	230x210x30mm
Focal Lens Type	F150 $\lambda=1060-1080\text{nm}$
Lens Protector Type	99.999% T $\lambda=1060-1080$
Collimator Lens Type	F=50C $\lambda=1060-1080\text{nm}$
Connection	QBH
System	Steering mirror (S.M.)

No. of focal lenses	1
No. of lens protectors	2
No. of collimator lenses	1
Compatible Devices	LC WELD PRO & LC WELD SMART & LC WELD NEO
Driver	LC_FMR-20_DRIVER_Rev5
Maximum power equipment	<2000W
Power supply	24V
Communication	CANBUS