

LASER WELDING MACHINES



NL1200A

The NL1200A Air-Cooled Laser Welding Machine streamlines your production processes with advanced technology, combining laser welding, cleaning, and cutting in a single compact unit.

Its high-performance design ensures smooth, spatter-free welding, particularly for thin metals, eliminating the need for post-weld grinding. The built-in wire feeding unit and ergonomic structure enhance usability, while its lightweight, portable build allows for flexibility across different work environments.

Featuring a user-friendly multilingual interface and adjustable settings, the NL1200A delivers precise results on various metal types, bringing speed, efficiency, and exceptional quality to your production workflows.

Stock Code: NMLSLA70002

Welding Performance

Stainless steel	3.5 mm
Carbon steel	3.5 mm
Aluminium	2.5 mm
Galvanized sheet	2.5 mm
Brass	2 mm

Parameters

System Voltage	220V 50 Hz
Input Power (at %100 Laser power)	4 kW
Laser output power	1200 W
Laser wavelength	1080±5nm
Output Connector	QBH
Wobble speed	2-6000 mm/s Recommended: 300mm/s
Wobble Width	Recommended: 0-3.5 mm
Frequency	5-5000 Hz Recommended: 2000 Hz
Weight	72 kg
Warranty	2 years

Accessories

Torch (fixed to laser power source)	9 m
Gas regulator (Nitrogen)	1 piece
Laser safety glasses	2 pieces



NL1500W

NL1500W Water Cooled Laser Welding Machine optimizes workflow with its advanced technology, offering the capability to perform laser welding, cleaning, and cutting processes all in one machine. The water-cooling system enables long-term continuous welding operations.

It particularly excels in high-performance welding for thin metals, showcasing splatter-free, smooth welding performance that eliminates the need for post-welding grinding.

Thanks to its user-friendly interface, it offers easier applicability compared to traditional welding methods. Its portability allows adaptability to various working conditions. Equipped with a Turkish interface and adjustable parameter settings, it can effectively work with different types of metals.

Stock Code: NMLSLA08001

Welding Performance	
Stainless steel	4 mm
Carbon steel	4mm
Aluminium	3 mm
Galvanized sheet	3 mm
Brass	3 mm

Parameters	
System Voltage	220V 50 Hz
Input Power (at %100 Laser power)	5.3 kW
Laser output power	1500 W
Laser wavelength	1080±5nm
Output Connector	QBH
Wobble speed	2-6000 mm/s Recommended:600mm/s
Wobble Width	0-6 mm Recommended:0-4 mm
Frequency	5-5000 Hz Recommended:2000 Hz
Weight	124.2 kg
Warranty	2 years

Accessories	
Torch (fixed to laser power source)	9 m
Gas regulator (Nitrogen)	1 piece
Nuriş NSK-L Wire Feeder Unit	1 piece
Laser safety glasses	2 pieces



NL2000W

NL2000W Water Cooled Laser Welding Machine optimizes workflow with its advanced technology, offering the capability to perform laser welding, cleaning, and cutting processes all in one machine. The water-cooling system enables long-term continuous welding operations.

It particularly excels in high-performance welding for thin metals, showcasing splatter-free, smooth welding performance that eliminates the need for post-welding grinding.

Thanks to its user-friendly interface, it offers easier applicability compared to traditional welding methods. Its portability allows adaptability to various working conditions. Equipped with a Turkish interface and adjustable parameter settings, it can effectively work with different types of metals.

Stock Code: NMLSLA09001

Welding Performance

Stainless steel	5 mm
Carbon steel	5 mm
Aluminium	5 mm
Galvanized sheet	4 mm
Brass	3 mm

Parameters

System Voltage	220V 50 Hz
Input Power (at %100 Laser power)	7.5 kW
Laser output power	2000 W
Laser wavelength	1080±5nm
Output Connector	QBH
Wobble speed	2-6000 mm/s Recommended:600mm/s
Wobble Width	0-6 mm Recommended:0-4 mm
Frequency	5-5000 Hz Recommended:2000 Hz
Weight	127.2 kg
Warranty	2 years

Accessories

Torch (fixed to laser power source)	9 m
Gas regulator (Nitrogen)	1 piece
Nuriş NSK-L Wire Feeder Unit	1 piece
Laser safety glasses	2 pieces



NL3000W

NL3000W Water Cooled Laser Welding Machine optimizes workflow with its advanced technology, offering the capability to perform laser welding, cleaning, and cutting processes all in one machine. The water-cooling system enables long-term continuous welding operations.

It particularly excels in high-performance welding for thin metals, showcasing splatter-free, smooth welding performance that eliminates the need for post-welding grinding.

Thanks to its user-friendly interface, it offers easier applicability compared to traditional welding methods. Its portability allows adaptability to various working conditions. Equipped with a Turkish interface and adjustable parameter settings, it can effectively work with different types of metals.

NL3000W

Stock Code: NMLSLA14001

Welding Performance

Stainless steel	6 mm
Carbon steel	7 mm
Aluminium	6 mm
Galvanized sheet	5 mm
Brass	4 mm

Parameters

System Voltage	380V, 50Hz
Input Power (at %100 Laser power)	11 kW
Laser output power	3000W
Laser wavelength	1080±5nm
Output Connector	QBH
Wobble speed	2-6000 mm/s Recommended: 600 mm/s
Wobble Width	0-8 mm Recommended: 0-7.5 mm
Frequency	5-5000 Hz Recommended: 2000 Hz
Weight	207 kg
Warranty	2 years

Accessories

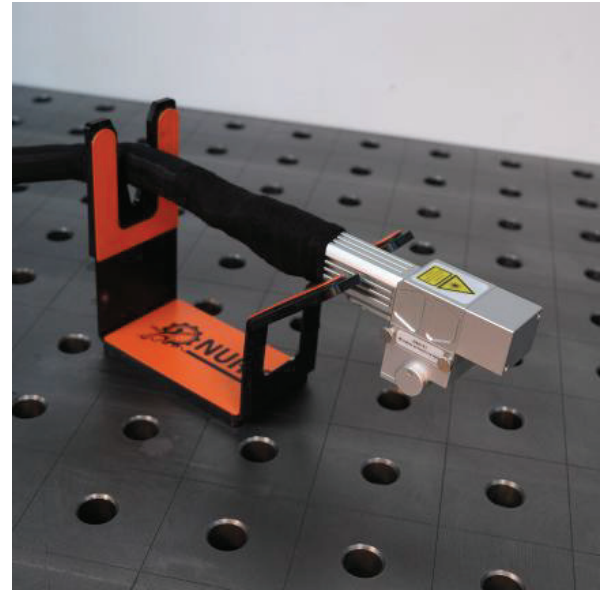
Torch (fixed to laser power source)	9 m
Gas regulator (Nitrogen)	1 piece
Double Wire Feeder	1 piece
Laser safety glasses	2 pieces



NLT2000 LASER CLEANING MACHINE

NLT2000 Water-Cooled Laser Cleaning Machine is a high-security, efficient water-cooled laser cleaning machine offered with Nuriş Technology's quality and assurance. It provides users with smooth cleaning thanks to its state-of-the-art laser control system. With the F800 lens, it can clean up to 290mm. It easily removes dirt, rust, and dust from your materials. NLT2000 is designed to clean your tasks quickly, effectively, and safely.

LASER CLEANING MACHINE
Stock Code: NMLSLA12001



Parameters	
System Voltage	220V 50 Hz
Input Power (at %100 Laser power)	7.5 kW
Laser output power	2000 W
Laser wavelength	1080±5nm
Output Connector	QBH
Wobble Width	Max: 290mm
Frequency	5-5000 Hz Recommended: 2000 Hz
Scanning Frequency	10-100 Hz Recommended: 50 Hz
Weight	127.2 kg
Warranty	2 years

Accessories	
Torch	9 m
Gas regulator	1 piece
Laser safety glasses	2 pieces



DOUBLE WIRE FEEDER

Nuriş double wire feeding unit optimizes the performance of your laser welding machine with its special design. The use of double wire and a powerful wire feeding motor provides operators with precise control by delivering fast and efficient operations. With both single wire and dual wire feeding functions, it supports cost savings, high-quality welding, and a competitive advantage, accelerating your processes and increasing productivity.

Compatible with Nuriş NL1500W, NL2000W and NL3000W laser welding machines.

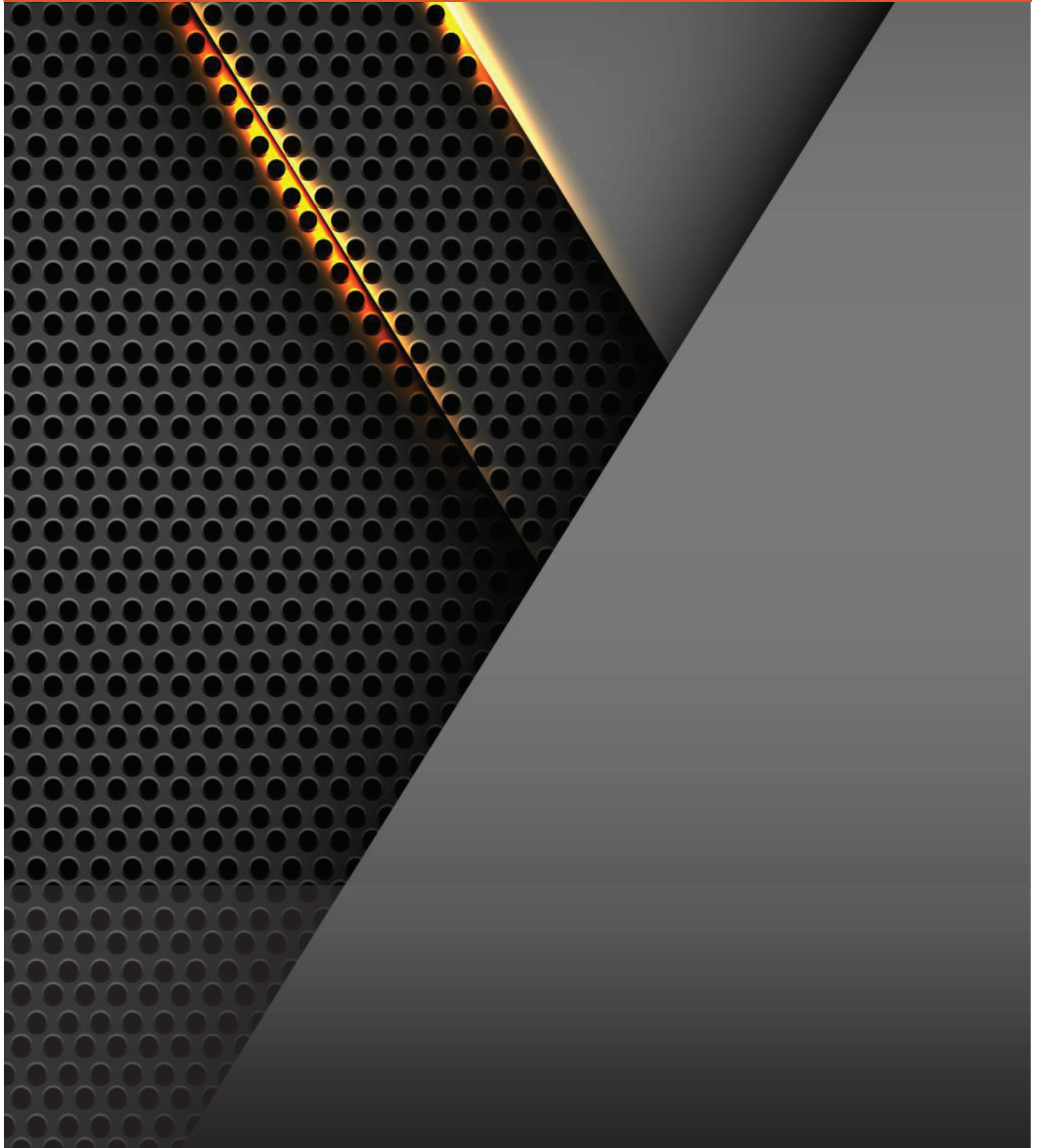
DOUBLE WIRE FEEDER

Stok Kodu: NYNSIN02700

Parameters	
System Voltage	220±5% 50Hz
Maximum Power	150W
Maximum Current	6.5 A
Wire Feeder Speed	15-600 cm/min
Wire Feeder Diameters	Single Wire: 0.8/1.0/1.2/1.6 mm Double Wire: 1.6/2.0/2.5 mm
Welding Wire Weight	<20 kg
Diameters	575mm x 250mm x 670mm
Machine Weight	30 kg
Warranty	2 years



CONSUMABLES



STOCK CODE

PICTURE

LASER SAFETY GLASSES

NHLSLA01400



LASER TORCH HOLDER

NYLSLA02001



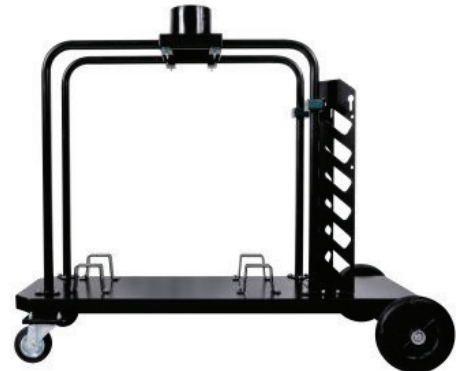
AIR-COOLED LASER CONSUMABLES

STOCK CODE

PICTURE

LASER TROLLEY

NYLSLA1003
(Compatible with NTX1-1500 and MA1-45)



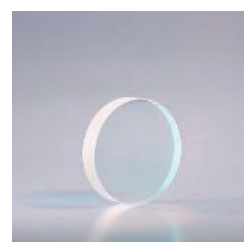
WIRE RUNNER MATERIAL











NHLSLA03200
(Compatible with NTX1-1500 and MA1-45)



LASER PROTECTIVE LENS

NHLSLA01600



STOCK CODE	PICTURE	WELDING TYPE
NHLSLA01800		
NHLSLA01700		
NHLSLA02100		
NHLSLA02000		
NHLSLA01900		

WATER-COOLED LASER CONSUMABLES

STOCK CODE

PICTURE

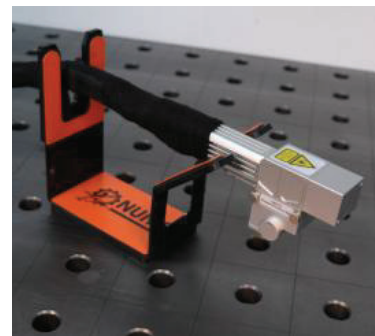
WATER-COOLED LASER TORCH

NHLSLA08700



LASER CLEANING TORCH

NHLSLA16700
(COMPATIBLE WITH NLT2000W)



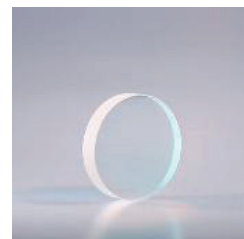
LASER FOCUS LENS

NHLSLA10000 - **F150**
NHLSLA19100 - **F800**
NHLSLA18900 - **F200**



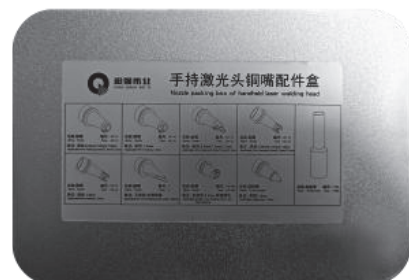
LASER PROTECTIVE LENS

NHLSLA09800 -- PROTECTIVE LENS D18*2
(COMPATIBLE WITH NL1500W, NL2000W AND
NL3000W)



LASER NOZZLE SET

NHLSLA10100 -- NOZZLE ASSEMBLY 23T
(COMPATIBLE WITH NL1500W, NL2000W AND
NL3000W)



LASER CLEANING COVER

NHLSLA12600



SCALE TUBE FT125

NHLSLA22300



SAFETY LOOP CABLE

NYKIDG02400



DOUBLE WIRE FEEDER CONSUMABLES

STOCK CODE

PICTURE

GUIDE WIRE MOUTH

NHLSLA20900 - 1.2
NHLSLA21000 - 1.6
NHLSLA21100 - 2.0



DOUBLE WIRE NOZZLE

NHLSLA21600 - AS-12D
NHLSLA21400 - AS-16D
NHLSLA21300 - AS-20D



DOUBLE WIRE MOUTH

NHLSLA13400 - 0.8
NHLSLA13500 - 1.0
NHLSLA13600 - 1.2
NHLSLA13700 - 1.6



WIRE FEEDING TUBE

NHLSLA22200 - Graphite double wire feeding tube
NHLSLA13100 - Steel double wire feeding tube
NHLSLA13000 - Graphite wire feeding tube
NHLSLA20600 - Steel wire feeding tube



WIRE FEEDER WHEEL

NHLSLA15900 - 0.8-1.0 U Double Wire Wheel
NHLSLA16000 - 1.2-1.6 U Double Wire Wheel
NHLSLA21800 - 0.8-1.0 V - Double Wire Wheel
NHLSLA21900 - 1.2-1.6 V - Double Wire Wheel







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