

INNOVATIVE SYSTEMS

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TECHNICAL AND COMMERCIAL QUOTATION FOR SUPPLY OF EQUIPMENT

LASER WELDING MACHINE

L-WELD-2000W

#	Product name	Q-ty pcs.	Price in Rub. (with VAT)	Delivery time calendar days
1	Fiber optic welding machine L-WELD-2000W	1	2 442 000	40
3	Delivery to the client's address	1	Included in price	
4	Commissioning Personnel training	1	Included in price	

Guarantee for the machine: **24 months**

Delivery terms: Delivery through the transportation company to the terminal in the Consignee's city at the Supplier's expense.

Payment terms: Payment of 50% before beginning of the machine manufacturing at the factory

Payment of 30% upon the equipment shipment from the factory

Payment of 20% before delivery to the customer



Machine characteristics:

Fiber optic welding machine **L-WELD** is designed to weld metal plates and pipes. Fiber laser creates a high-frequency beam, which is focused in one spot. This concentrated laser source provides thin, deep welding and is of high speed.



Laser welding can be used for welding stainless steel, aluminum, copper, gold, silver, chromium, nickel, titanium and other metals or alloys; it is widely used in the IT industry, medical technology, communications equipment, aerospace industry, mechanical engineering, battery manufacturing, manufacturing of elevators, gifts, household appliances, tools, gears, automotive shipbuilding and other industries.

T-weld



Butt weld



Overlapping weld





Machine model	L-WELD 2000W
Source	Raycus 2000W
Laser wave length	1080 nm
Speed range	0-120 mm/s
Welding gap	$\leq 1/5$ of sheet metal thickness
Length of fiber optic cable	8 m
Operating voltage	380 V/50 Hz
Total power	10 kW
Dimensions	1750x650x124 mm
Weight	150 kg



System of welding consumables automatic supply
is installed optionally.
+ 70 000 rubles.



Laser head XingHong (standard), weight 0.975 kg, operation mode "O"



Laser head Qilin, weight 1.26 kg, operation mode "point", "line", "circle"



Laser head WSX, weight 1.36 kg, operation mode "Z"



The welding speed is 2-3 times higher compared to traditional methods (up to 12 cm per second)	The weld does not need additional treatment, which significantly saves the product manufacturing time and reduces the production cost
No consumables and long life of the equipment	No deformation, increased strength of the weld
Easy operation	Safe operation of the equipment

Maximum thickness of metal welding

Material \ Thickness	1 mm	2 mm	3 mm	4 mm	5 mm	6 mm	7 mm	8 mm
Stainless steel	•	•	•	•	•	•	•	•
Zinc plating	•	•	•	•	•	•	•	
Carbon steel	•	•	•	•	•	•	•	
Aluminum	•	•	•	•				
Brass	•	•	•					

Maximum depth of welding

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Stainless steel	•	•	•	•	•			
Zinc plating	•	•	•	•				
Carbon steel	•	•	•	•	•			
Aluminum	•	•	•	•				
Brass	•	•	•					



ИННОВАЦИОННЫЕ
СИСТЕМЫ

Innovative Systems LLC

INN 6316085192 KPP 631601001

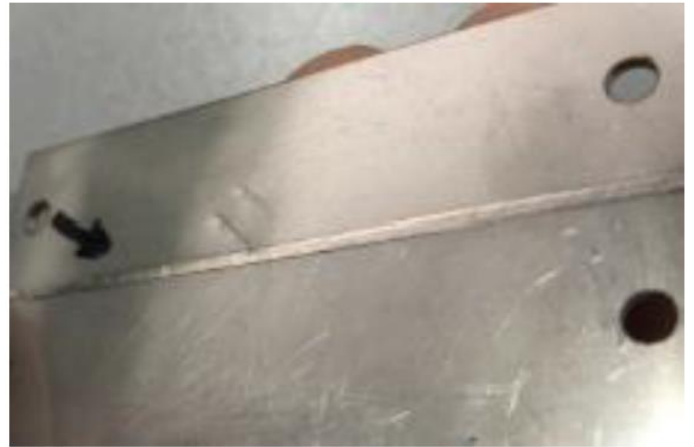
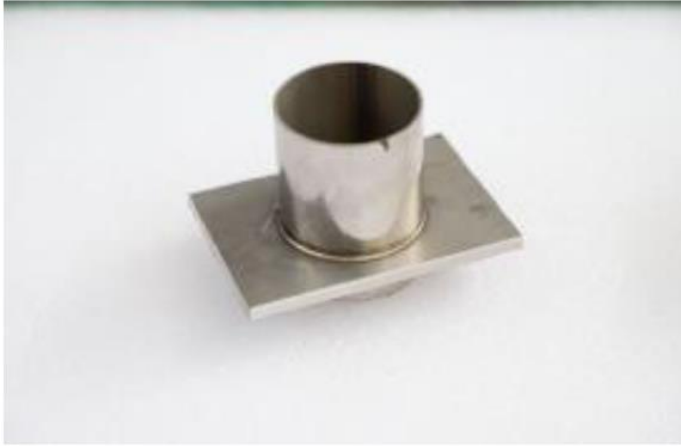
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To Nizhegorodsky branch of ALFA BANK JSC

settlement account No. 40702810929430000173

correspondent account No. 20202810729430000000 BIK 042202824



- High efficiency

- Low cost

- Uniform weld area without holes

- Smooth weld

Best regards, Artyom Kvitkov

Specialist of Metal-Working Machinery Sales
Department

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