

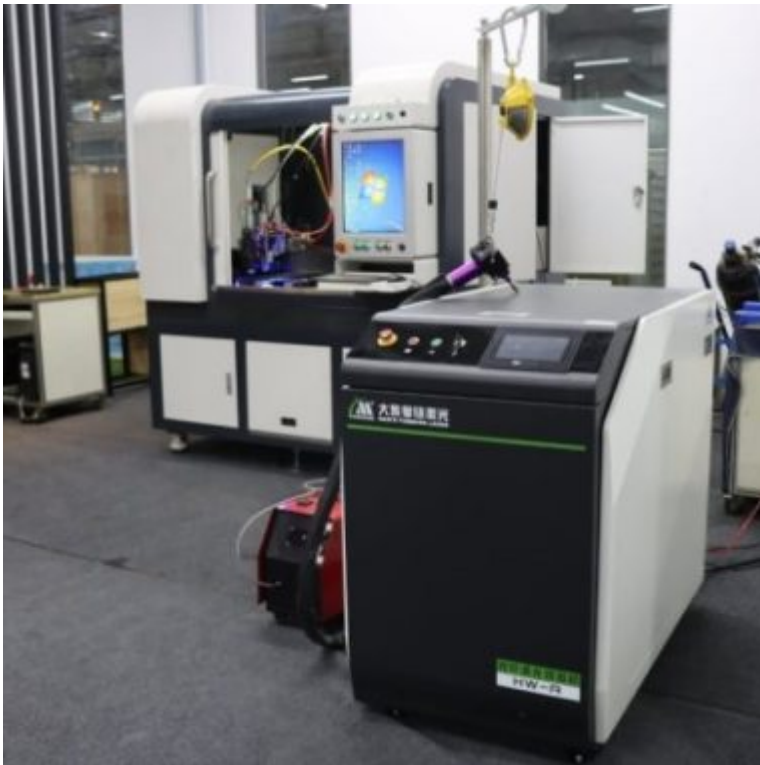


(<https://www.atlascnc.com/en/>)

SONGU LASER

Mobile hand-held fiber laser welding systems are easy to use and efficient compared to conventional laser welding systems. It is an extremely perfect and reliable technology that can be used instead of traditional methods such as argon arc welding and electric welding. The system uses the latest generation fiber laser technology. Thanks to its simple use, welding seams are more uniform, fast and economical than other methods. It provides a high level of mobility to its users. The laser is ready to use in just a few minutes. It provides precise and clean welding. The system is highly flexible, mobile, robust and ergonomic.







TECHNICAL ADVANTAGES:

MOBILE HAND HELD FIBER LASER WELDING MACHINE

AUTOMATIC WELDING WIRE FEED

1.000 WATT AND 1.500 WATT LASER POWER

INTEGRATED DESIGN WITH LESS SPACE AND EASY TO CARRY

LOW OPERATING COST

TOUCH CONTROL PANEL FOR EASY PARAMETER SETTING

HIGH SPEED WELDING

DUE TO MINIMUM HEAT TRANSFER, THE HARDNESS IS NOT CHANGED ON THE SURFACE OF THE MATERIAL AND THERE IS NO CAPILLARY CRACKS IN THE MATERIALS.

FINISHING AND POLISHING WORK IS REDUCED BY 90% AFTER WELDING.

REMOVES PROBLEMS SUCH RUST AND PEELING OF THE PAINT ON THE PARTS THAT WILL BE PAINTED AFTER WELDING.

IT PROVIDES MORE STURDY AND RIGID WELDING.

Songu el tipi fiber lazer kaynak makinası



	TRADITIONAL WELDING METHODS	NEW GENERATION LASER WELDING
Temperature applied to the material	Very high	Low
Deformation in the material	Highly	Low
Bonding strength to base material	Ordinary	Excellent
Subsequent actions	Polishing	No or little grinding
Welding speed	Slow	Fast
Operation difficulty	Complex	Simple
Operator safety	No	Available
Environmental impact	It causes pollution	Environmentally friendly
Welding fault tolerance	Good	Good
Pendular welding	No	Yes
Adjustable laser width	No	Yes
Source quality contrast	Bad	Good

OUR PRODUCTS

- ▷ Mitsubishi Laser Processing Machines
- ▷ Muratec Servo Punch Press Machines
- ▷ Safan Darley Press Brakes and Guillotine Shears
- ▷ RAS Folding and Forming Machines
- ▷ Alpha Laser Laser Welding Machines
- ▷ Timesavers Deburring and Grinding Machines
- ▷ HBS Laser Marking Machines
- ▷ GSC Drill Bit – End Mill Grinder Machines and Cutting-Off Machines
- ▷ HGIT PU Gasket Dispensing Machine
- ▷ Köhler Levelling Machines
- ▷ Resato Water jet Cutting Machines
- ▷ Pivatic Punching and Bending Lines
- ▷ Kasto Sawing Machines & Storage System

CONTACT

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