



FANUCI 5.0 Compact Laser Welder

A small investment with a huge production advantage – advanced technology for excellent precision and unmatched performance. The most competitively priced laser welding machine in the world! A budget-friendly solution available in the following power variants: 1000W, 1500W, 2000W, 3000W. Increase your versatility without financial hesitation.





Introduction

Fiber laser welding technology is rapidly gaining popularity in the industrial sector, effectively replacing traditional, less efficient methods. With its exceptional precision, flexibility and high operational efficiency, laser welding is the ideal solution for the most demanding industries. It is widely used in sectors such as aerospace, automotive, defense, medical device manufacturing, electronics, petrochemicals, telecommunications, energy, automation and outsourcing services.

FANUCI

5th Generation Laser Welding and Cleaning Equipment





FANUCI 5.0 Compact

Key Features and Benefits

01

Absolute Technological Superiority:

Laser welding power range: from 1000W to 3000W.

02

Certification and Work Safety:

Global certificates confirming compliance with the highest quality and safety standards.

03

Quality and Reliability Guarantee:

Comprehensive full warranty for a period of 2 to 5 years, with the option to upgrade the device to the latest standards, ensuring reliability and modernity.

04

Professional Technical Support:

Our own qualified service department, available throughout the country. We offer comprehensive service support 24/7/365.

05

Machinery and Parts Warehouse:

Stock of equipment and parts available immediately to ensure the fastest supply chain for our customers.

06

Showroom and Demo Cars:

Technology without secrets, i.e. presentations and testing of the devices, both in a modern showroom and directly at customers' production facilities.

07

Purchasing and Financing Process:

Flexible financing options, including leasing, instalments and assistance in obtaining subsidies.

08

Many satisfied customers:

A testament to our professionalism and experience in laser welding, which forms a solid foundation for our reputation.



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Available Configurations

The integration of advanced, patented technologies and the use of components from leading global suppliers mean that FANUCI laser welders set a new, previously unattainable standard in the welding industry in terms of quality, performance and innovation. The specifications and functions of the available devices can be tailored to the individual needs and production requirements of the customer, which ensures maximum flexibility and efficiency of applications.

Components	Manufacturer	Model	Options
Laser source	FANUCI	ULTRON	Fiber (1000W, 1500W, 2000W, 3000W)
Laser head	FANUCI	RAPTOR	Oscillation (single)
Control system	FANUCI	LaserWELD	4in1
Wire feeder	FANUCI	EasyWIRE	Automatic (single/double)
Cooling	FANUCI	ChillX	Integrated (water cooling)
Filter ventilation	FANUCI	CleanAIR	External (automatic)
Safety	FANUCI	Workstation / DefenderVV	External (workplace/operator)





Laser source:
FANUCI - ULTRON



ULTRON laser source has been designed to ensure stable and high-performance operation, which translates into optimal welding results. Based on fiber optic technology, it guarantees exceptional efficiency, precision and reliability, meeting all industrial requirements.

Laser head:
FANUCI - RAPTOR



RAPTOR [4in1]

RAPTOR laser head has been designed for maximum precision and efficiency, thanks to its patented single configuration (4in1) oscillating beam system. It combines advanced technology with intuitive user functions, ensuring optimal efficiency and reliability in welding applications.





Operating system: FANUCI - LaserWELD



LaserWELD operating system, available in 4-in-1 configurations, offers versatile and reliable control options for a wide range of welding applications. With proven technology and intuitive and easy-to-use features, it delivers excellent performance and full compatibility.

Automatic wire feeder: FANUCI - EasyWIRE



EasyWIRE automatic wire feeder supports both single and dual wire feeding, providing maximum flexibility for a wide range of welding applications. It is designed for seamless integration with other FANUCI components and software, guaranteeing optimal performance and adaptability to individual production requirements.



Cooling system: FANUCI - ChillX



ChillX water cooling system is designed to provide extremely efficient cooling of both the laser source and the welding head simultaneously. Thanks to advanced cooling technology, it maintains an optimal operating temperature, which translates into increased efficiency and durability of the equipment, supporting reliable operation in demanding industrial conditions.

Filter ventilation: FANUCI - CleanAIR



CleanAIR dust and fume filtration unit is designed to automatically remove smoke from the workplace, ensuring a healthier and safer working environment. The system not only supports environmental protection but also extends the life of consumable parts and brings additional operational benefits by improving efficiency and comfort of use.



External safety: FANUCI - Workstation



Safety is a priority in any work environment, especially in demanding conditions such as welding stations. FANUCI offers advanced safety equipment designed to protect operators and bystanders. These solutions effectively minimize the risk of hazardous situations, ensuring safety and compliance with the highest standards.

Operator safety: FANUCI - DefenderVV



Safety is a top priority in any workplace, especially in high-risk environments such as welding operations. FANUCI DefenderVV protective mask is designed to provide comprehensive protection for operators, effectively preventing potential hazards. Available in two versions, BASIC and PRO, it offers an excellent level of protection and comfort, tailored to the diverse needs of users.