

Laser Scanning Cutting Machine
Category Creator



i series
i6 / i7

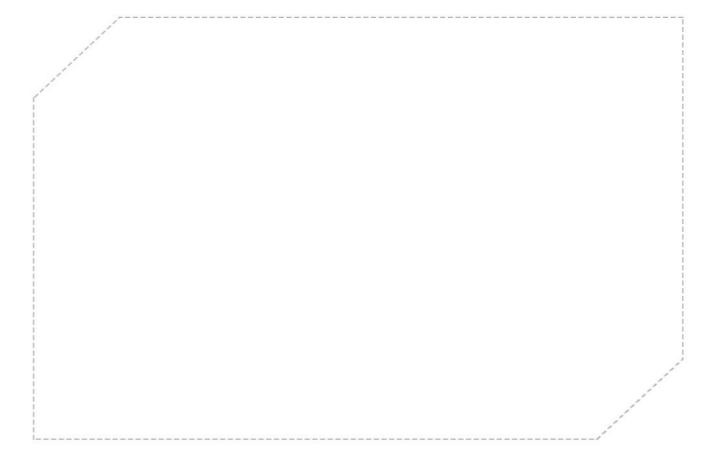
A compact design sheet fiber laser metal cutting machine with complete protection



COMPANY



- No.1 global sales volume leader in 2019-2022**
Bodor has proudly secured its position as the top-ranked global sales volume leader for four consecutive years, boasting an impressive 32% compound annual growth rate from 2019 to 2022.
- Leading and reliable 10kW+ laser**
As the world's premier for 30kW and 40kW lasers, Bodor has been a key player in the ultra-high-power laser field for over 7 years. With the trust of our 2,500+ 10kW laser users, Bodor's 10kW+ laser showcases significant enhancements in metal processing speed, quality, thickness range, and cost savings.
- Pioneering laser scanning cutting**
On March 1, 2022, Bodor unveiled a new category of laser cutter, introducing the innovative technology of laser scanning cutting. This technology not only achieves 50%-180% more speed and 30%-100% greater thickness compared to conventional lasers but also effectively addresses the beam reflection issue.
- Cost-effective and versatile automation**
Our laser cutting machines seamlessly integrate with diverse automation systems and solutions, such as loading/unloading systems, storage systems, and uncoiling systems, to name a few.
- High-efficiency and intelligent core technologies**
Achieving unparalleled compatibility and reliability, our machines employ Bodor's original technologies: BodorPower laser source, BodorThinker control system, BodorGenius laser head, BodorNest nesting software, and BodorDrive drive system.
- Global service network**
Bodor boasts branches and service centers in nations like the United States, Germany, Japan, South Korea, Turkey, Vietnam, Hungary, and India, ensuring our customers receive timely and dependable support. Proudly serving over 180 countries and regions globally, we're committed to being where you need us most.

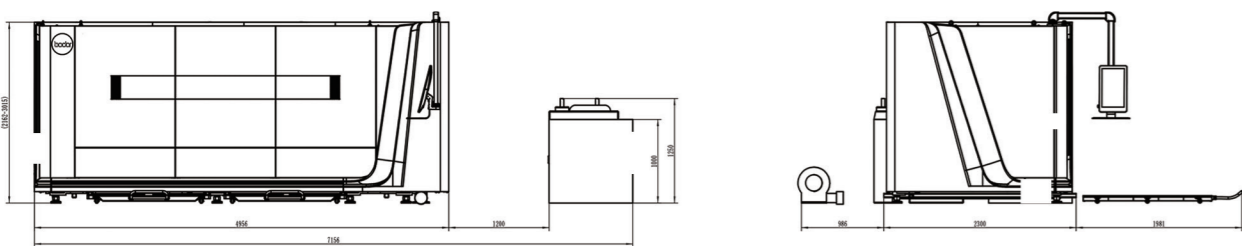


i series
 Precise Laser Cutting Machine



Machine Parameter

Model	i7	i6
Working area	3048*1524mm	2000*1000mm
Laser power	12kW/6kW/3kW/1.5kW	6kW/3kW/1.5kW
X/Y-axis positioning accuracy	±0.05mm/m	±0.05mm/m
X/Y-axis repositioning accuracy	±0.03mm	±0.03mm
X/Y-axis Max. linkage speed	91m/min	91m/min



VANTAGGI

01

A Compact Design with Complete Protection

Small occupied space balances complete protection and higher safety.

02 EtherCAT

Bodor Thinner

Robust compatibility and processing ability with user-friendly system interface keep reliable and stable cutting performance.

03

Active Anti-collision Function

Effectively reduce the damage rate of laser heads, help you save maintenance cost.

04

Standard Electric Vertical Door

Easy, fast opening and closing with just one finger's press.

05

No Quiver when Cutting Thin Sheet

i Series is capable of cutting edges of thin sheet and ensures no quivering marks.

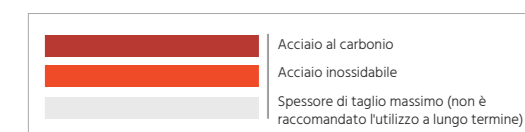
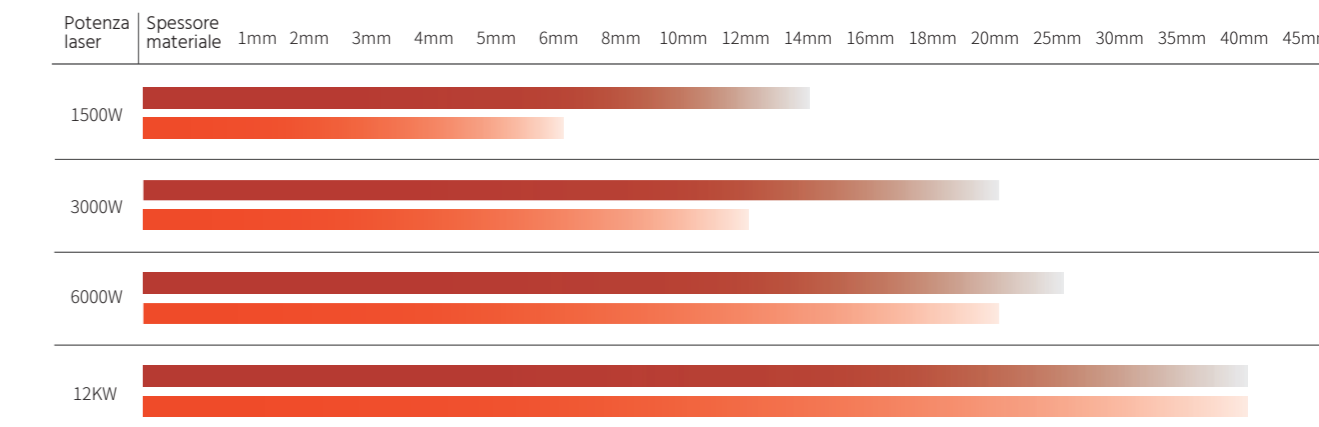
06

Pull-out table

The new manual pull-out table design and optional electric table make operation experience fresh and satisfying.

Functions

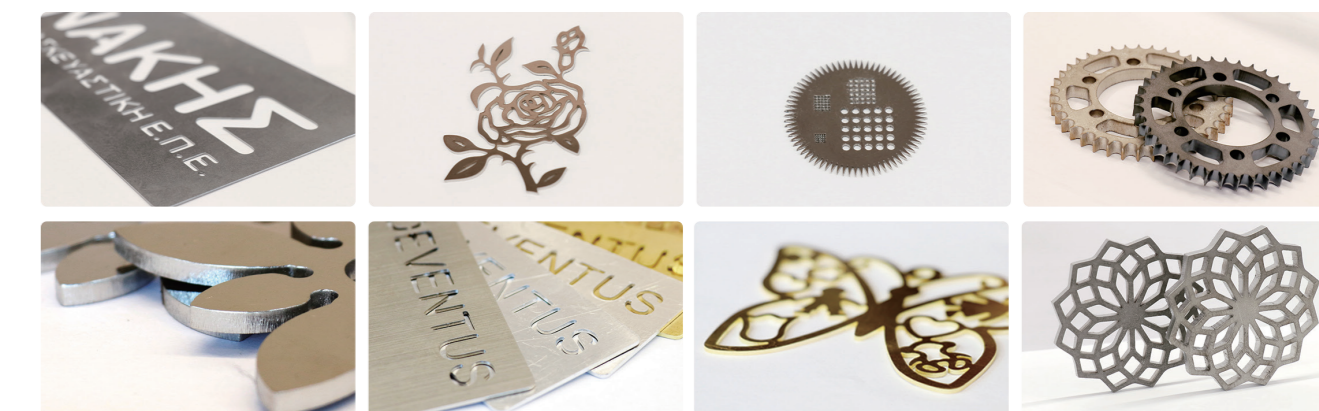
- More convenient for connecting electricity
- A new generation of safety following module
- Intelligent travel protection
- Automatic lubrication system



The above data is for reference only

Cutting samples

It is suitable for cutting carbon steel, stainless steel, aluminum, brass and alloy metal materials.



The above data and pictures are for reference only