

SELMACHTM
MACHINERY

Making Metal Work



C Compact CNC Laser

The RVD C compact range has simple hinged front protective glass door, which enables operators easy access for loading and unloading of material and cut parts.

The RVD C Compact Laser is a great entry-level machine, manufactured using the world's leading mechanical and electrical components to maximise production but also to minimise downtime due to part failure. The RVD laser has a full enclosure design meeting CE standards resulting in radiation safe production. High precision motors and heavy duty driving systems ensure reliability, cutting accuracy and consistency.

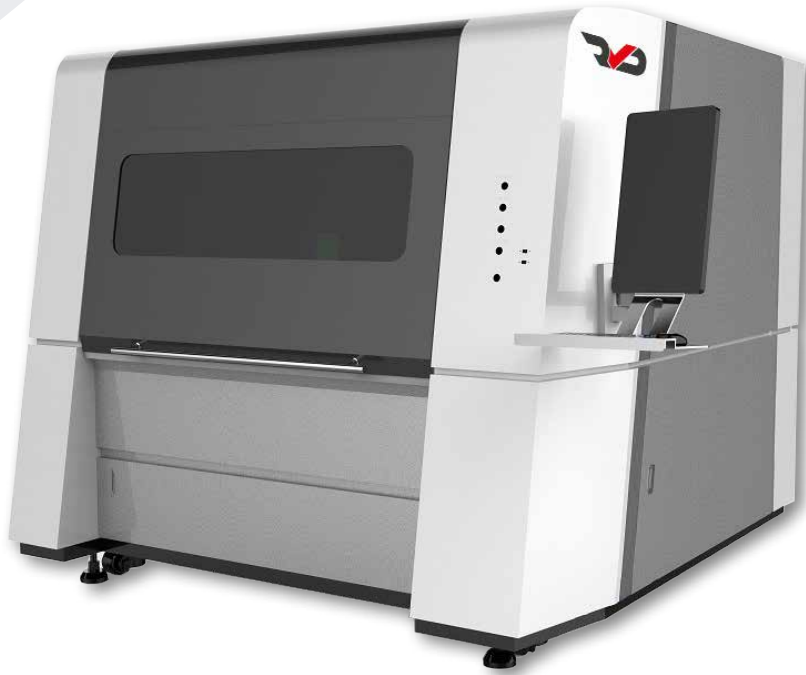


Machine Features

Equipped with Japanese Servo Motors, TBI Dual Driver Grinding Ball Screw for Y Axis movement, and Grinding Ball Screw for X Axis.

The machine features a Hiwin Guide Rail, with positioning accuracy of 0.02mm, and cutting acceleration of 0.5G.

- Compact Size
- RayTools Auto focusing cutting head
- Full radiation protection enclosure
- High Precision
- Aviation Aluminium Gantry
- Dual Rail and Dual Driver Design
- Max Photonics Laser Source
- Cypcut Cutting Software



TECHNICAL SPECIFICATIONS

MODEL	Unit	RVD-C
Laser Power	kW	1.5-3kW
Laser Source		Max Photonics
Processing Surface (L x W)	mm	900 x 1300
CNC Control		CypCut
Laser Head		RayTools Switzerland
Power Supply	v	415 (3 phase)
X-Axis Travel	mm	920
Y-Axis Travel	mm	1320
Z-Axis Travel	mm	80
Position Accuracy X, Y and Z Axis	mm	±0.03
Repeat Position Accuracy X, Y and Z Axis	mm	±0.02
Maximum Position Speed of X and Y Axis	m/min	40
Maximum Acceleration	g	0.5
Max Load of Table	kg	250
Length	mm	2,115
Width	mm	2,600
Height	mm	1,880
Weight	kg	1,950