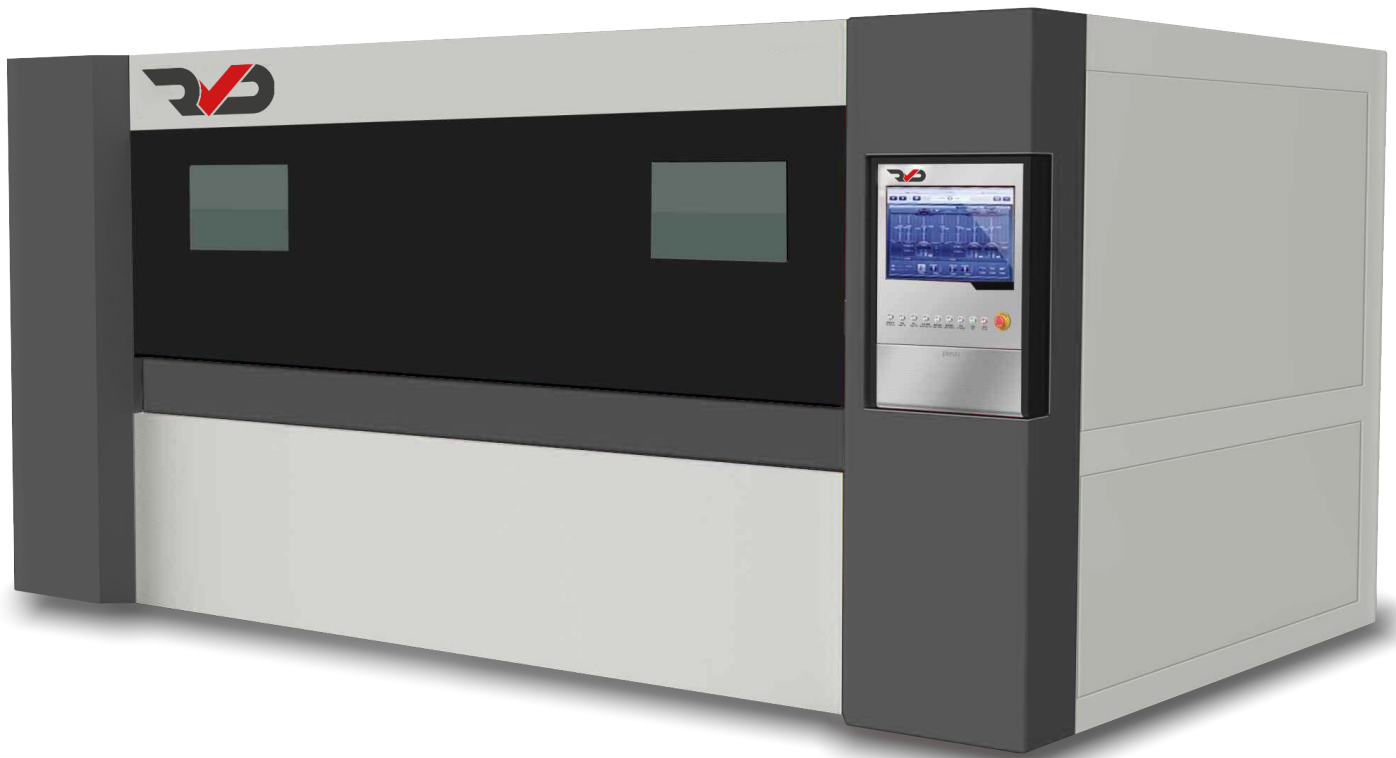


RVD SMARTFIBRE ER 1510.3000 CNC FIBRE LASER CUTTING MACHINE 415V

The RVD SmartFibre ER [fibre laser cutting machines](#) feature a compact design with a pull out cutting table in place of the shuttle table commonly used on many lasers. This space saving layout reduces the machine's footprint by 50% when compared to equivalent shuttle table models, while still allowing for easy loading and unloading outside of the cutting enclosure.

They are supplied in bed sizes from 1x1.5 metre to 3x1.5 metre with power sources ranging from 3 to 12 kW. Class leading components have been carefully selected to ensure the longevity and reliability of the machine. CCTV is also standard equipment, allowing the operator to safely view the working area during production.

Overall this design is cost effective, space saving and easy to install, making the benefits of in-house laser cutting accessible to more organisations.

FEATURES

- Compact design with pull out cutting table
- High performance Raycus fibre laser technology
- FSCUT 2000E EtherCAT controller
- CypCutE laser cutting software with integrated CAD/CAM and nesting
- BOCI BLT 310 intelligent cutting head
- Rigid gantry system ensuring fast accurate positioning to X and Y axis
- Automatic height sensor to ensure optimum cutting efficiency
- Class leading brand components:
 - Schneider electrics – France
 - YYC rack and pinion – Taiwan
 - Hiwin linear guides – Taiwan
 - Yaskawa servo motor and driver – Japan
 - Tongfei water chiller – China

OPTIONS

- CypNest CAM and nesting software for PC with DXF/DWG import
- Automatic nozzle cleaning and calibration
- Beckhoff control system and Precitec LightCutter cutting head
- Extraction/filtration system

TECHNICAL INFORMATION

MODEL		ER 1510.3000
Laser Power	kW	3.0
Fibre Laser Source		Raycus
Maximum Cutting Capacity		
Mild Steel	mm	20
Stainless Steel	mm	8
Aluminium	mm	6
Brass	mm	5
Copper	mm	TBA
X Axis Travel	mm	1510
Y Axis Travel	mm	1010
Z Axis Travel	mm	120
Maximum Sheet Size	mm	1000 x 1500
Positioning Speed	m/min	70
Axis Acceleration	G	0.8
Positioning Accuracy	mm	±0.05
Repeat Position Accuracy	mm	±0.03
Length	mm	3610
Width	mm	3430
Height	mm	2200
Weight	kg	2300

OTHER IMAGES

