

RVD SMARTFIBRE PR 3015.3000 CNC FIBRE LASER CUTTING MACHINE 415V



The RVD SmartFibre PR range offers fully enclosed fibre laser cutting systems equipped with a high-speed shuttle table for efficient flatbed processing.

Available in 3x1.5m, 4x2m and 6x2m formats, with power options from 3?kW to 30?kW, each machine delivers fast, accurate cutting performance across a wide range of materials.

Every model features intelligent cutting head technology, intuitive CypCut software and a dual pallet system that enables rapid sheet exchange and improved workflow efficiency.

FEATURES

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

OPTIONS

- o CypNest CAM and nesting software for PC
- o Beckhoff Control with Precitec LightCutter Cutting Head
- o Automatic nozzle cleaning and calibration
- o Extraction/filtration system

TECHNICAL INFORMATION

MODEL		PR 3015.3000
Laser Power	kW	3.0
Fibre Laser Source		Fibre
Maximum Cutting Capacity		
Mild Steel	mm	20
Stainless Steel	mm	8
Aluminium	mm	8
Brass	mm	6
Copper	mm	5
X Axis Travel	mm	3000
Y Axis Travel	mm	1500
Z Axis Travel	mm	200
Maximum Sheet Size	mm	3000 x 1500
Positioning Speed	m/min	100
Axis Acceleration	G	2.0
Table Exchange Time	s	15
Maximum Table Capacity	kg	800
Positioning Accuracy	mm	±0.05
Repeat Position Accuracy	mm	±0.03
Length	mm	9000
Width	mm	4000
Height	mm	2500
Weight	kg	14000

OTHER IMAGES

