

RVD SMARTFIBRE PR 3015.20000 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 HypCut 8000 bus controller
- o HypCut software with CypNest integrated CAD/CAM and nesting
- o BOCI BLT 662 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 Beckhoff Control with Precitec ProCutter Cutting Head
- o Automatic nozzle cleaning and calibration
- o Extraction/filtration system

TECHNICAL INFORMATION

MODEL		PR 3015.20000
Laser Power	kW	20
Fibre Laser Source		Fibre
Maximum Cutting Capacity		
Mild Steel	mm	45
Stainless Steel	mm	40
Aluminium	mm	30
Brass	mm	18
Copper	mm	10
X Axis Travel	mm	3050
Y Axis Travel	mm	1535
Z Axis Travel	mm	300
Maximum Sheet Size	mm	3000 x 1500
Positioning Speed	m/min	160
Axis Acceleration	G	2.0
Table Exchange Time	s	15
Maximum Table Capacity	kg	1800
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

