

RVD SMARTFIBRE PR 4020.20000 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

- Fully enclosed design with high-speed shuttle table system
- High performance Raycus fibre laser technology
- HypCut 8000 bus controller
- HypCut software with CypNest integrated CAD/CAM and nesting
- BOCI BLT 662 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
  - Desboer reducer – China
  - Tongfei water chiller – China

## OPTIONS

- Beckhoff Control with Precitec ProCutter Cutting Head
- Automatic nozzle cleaning and calibration
- Extraction/filtration system

## TECHNICAL INFORMATION

<b>MODEL</b>		<b>PR 4020.20000</b>
Laser Power	kW	20.0
Fibre Laser Source		Fibre
Maximum Cutting Capacity		
Mild Steel	mm	40
Stainless Steel	mm	30
Aluminium	mm	30
Brass	mm	25
Copper	mm	16
X Axis Travel	mm	4000
Y Axis Travel	mm	2000
Z Axis Travel	mm	200
Maximum Sheet Size	mm	4000 x 2000
Positioning Speed	m/min	150
Axis Acceleration	G	2.0
Table Exchange Time	s	15
Maximum Table Capacity	kg	1200
Positioning Accuracy	mm	±0.05
Repeat Position Accuracy	mm	±0.03
Length	mm	10500
Width	mm	4500
Height	mm	2500
Weight	kg	16000

## OTHER IMAGES

