

RVD SMARTFIBRE PR 3015.12000 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 642 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

| MODEL | PR 3015.12000 | |
|--------------------------|---------------|-------------|
| Laser Power | kW | 12.0 |
| Fibre Laser Source | | Fibre |
| Maximum Cutting Capacity | | |
| Mild Steel | mm | 30 |
| Stainless Steel | mm | 25 |
| Aluminium | mm | 30 |
| Brass | mm | 25 |
| Copper | mm | 16 |
| 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 | 150 |
| 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

