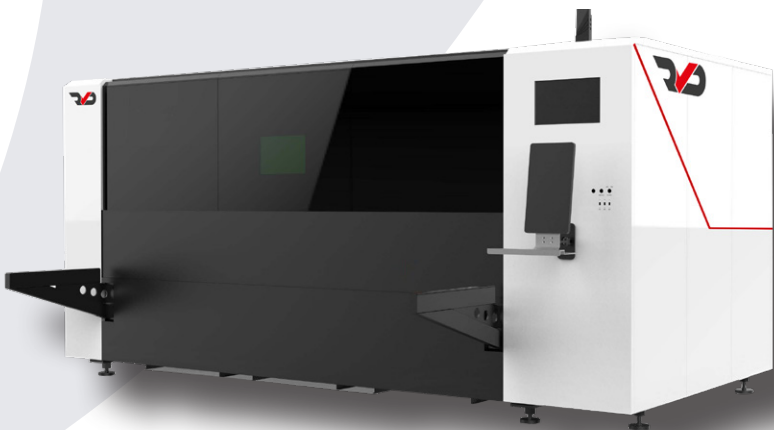




### ER SmartFibre CNC Laser

The RVD ER compact range have a simple and easy to use pull out drawer tray system which enables easy loading and unloading of material but also easy access to the collecting of cut parts.

The RVD ER Compact Laser is a great entry-level machine, manufactured using the world's leading mechanical and electrical components to maximise production but also to minimise downtime due to part failure. The RVD laser has a full enclosure design meeting CE standards resulting in radiation safe production. High precision motors and heavy duty driving systems ensure reliability, cutting accuracy and consistency.

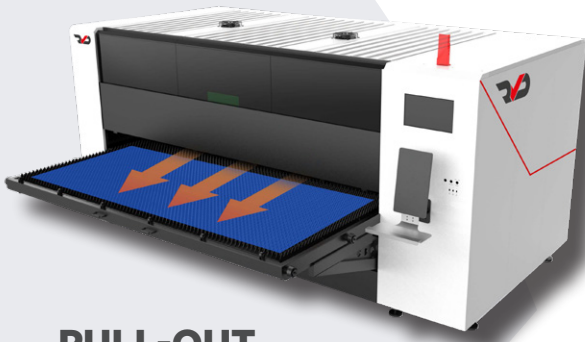


### Machine Features

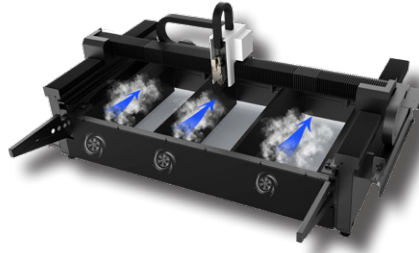
- Compact Size
- RayTools Auto focusing cutting head
- Full radiation protection enclosure
- Gantry system run on heavy duty linear rails with quality servo motor
- Removable draw system for small part removal and scrap clearing
- Segmented Smoke Extraction
- Max Photonics Laser Source
- Cypcut Cutting Software

### Optional Equipment

- IPG laser source: A world leading brand manufactured in the USA



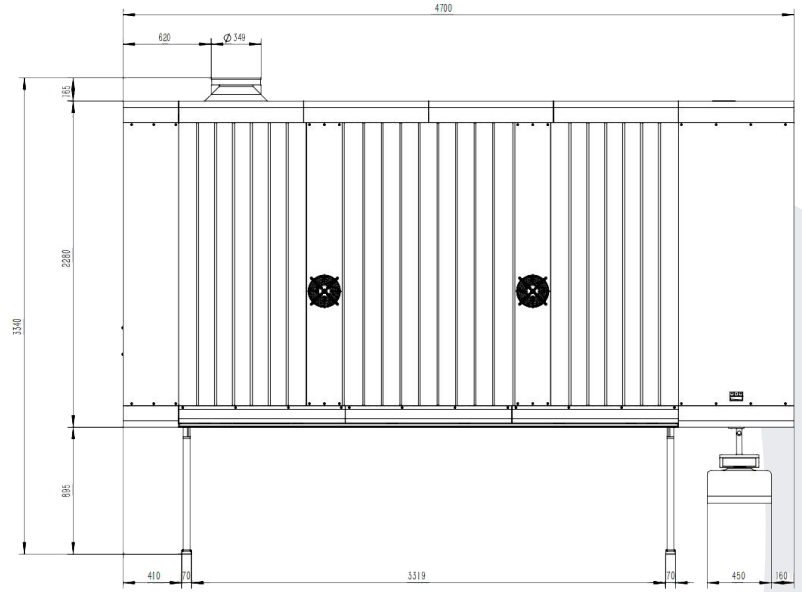
## PULL-OUT TABLE SYSTEM



## SEGMENTED EXTRACTION SYSTEM

## TECHNICAL SPECIFICATIONS

MODEL	RVD-CL
Laser Power	1-6kW
Laser Source	Max Photonics / IPG YLR
Processing Surface (L x W)	3000 x 1500mm
CNC Control	CypCut
Laser Head	RayTools Switzerland
Power Supply	415v (3 phase)
Position Accuracy X, Y and Z Axis	±0.03mm
Repeat Position Accuracy X, Y and Z Axis	±0.02mm
Maximum Position Speed of X and Y Axis	100m/min
Maximum Cutting Speed of X, Y and Z Axis	80m/min
Maximum Acceleration	1.2g
Max Load of Table	500kg
Length	4,700mm
Width	3,340mm
Height	2,450mm



FIBRE LASER POWER - CUTTING CAPACITIES						
Material	Gas	Capacity	1.5kW	2kW	3kW	4kW
Carbon Steel	O2	mm	14	16	22	25
Stainless Steel	N2	mm	6	8	12	12
Aluminium	Air	mm	5	6	10	12
Brass	N2	mm	5	6	8	12
Copper	O2	mm	4	4	6	6
Galvanised	N2	mm	5	6	8	10

