



Highlights

- Fiber laser
- Low power consumption
- Low operating costs
- Low maintenance
- High performance
- High efficiency
- High precision
- High quality
- High speed

BC CUTTING LASER

Compact, robust, reliable, these are the characteristics of the **BC Cutting Laser**. A system with simple operation and reliable technology paired with high-end laser technology is available at an extremely attractive price. Low machine dimensions increase the user's flexibility.

All cutting jobs can be carried out universally in different kind of industries. Reliable **fiber lasers** in different power classes are available for this machine.

A high-speed precision cutting head with collimator enables an optimal interaction between quality and speed. Depending on the material various assist gases can be used.

BC CUTTING LASER

HMI Interface

The control software has deliberately been kept simple to facilitate the introduction of laser technology and ensures based on Windows 7 / Windows 10 an intuitive and simple programming.



Product specification			
Laser type	YLR-QCW-150W	YLR-CW-500W	YLR-CW-1000W
Wave length	1.070 nm		
Power	150 W	500 W	1000 W
Max. workpiece size	600 x 600 mm / 1200 x 600 mm (option)		
Dimensions	1.300 x 1.850 x 1.950 mm (L x W x H)		
Max. positioning speed	30 m/min.		
Max. cutting speed, depending on material	≤30 mm/s	≤160 mm/s	≤300 mm/s
Max. cutting depth, depending on material	≤2 mm	≤6 mm	≤12 mm
Travel range of X axis	600 mm / 1.200 mm (option)		
Travel range of Y axis	600 mm		
Stroke of Z axis	50 mm		
Position accuracy of X/Y axes	± 0,03 mm		
Repeatability of X/Y axes	± 0,02 mm		
Position accuracy of Z axis	± 0,02 mm		
Repeatability of Z axis	± 0,01 mm		
Power supply	400 V, 50/60 Hz, 32 A		400 V, 50/60 Hz, 60 A

Applications

