

RAYTOOLS BW330 SERIES

Galvo Fiber Welding Head

Power Rate 4000W



scan it for more details

High Power Rating

The maximum power can be up to 4KW to meet the demand of high power remote welding

Process Advantages

- Increase melting width
- Increase gap adaptability
- Reduce seam defects
- Excellent molding effect



Easy to Automate

The CCD and Laser vision seam tracking interface can be expanded, easy to be integrated into the robotic process.

High-quality Airflow

With smooth and efficient fluid structure of the coaxial side-axis protection and the air knife design, obtain the best protection effect of the molten pool and the efficiency blow-away of the welding slag.

Diverse Wobble Paths

Optimized optical structure and motion mechanism, different stirring paths to meet the requirements of different high speed stirring welding

Specifications

Fiber Interface	QBH , QD
Clear Aperture	35mm
Collimator Focal length	100mm
Focusing Focal length	250mm , 500mm
Wobble Frequency	≤1500Hz (Depends on the wobble diameter)
Cover glasses	
- Collimation side	φ30 mm * 1.5 mm
- Focusing side	φ38 mm * 2 mm
Assist gas pressure	
- Air knife	6bar
- Air Protection	10~25 L/min
Weight	~5.7 kg

Optional Tip Components

Side Blow / Coaxial



Side Blowing Nozzle

Specifications subject to change without notice.