

# Vertical Robot Cutting Series

Laser power: 1.5-20kW

Max cutting thickness: 14mm

- ✓ Vertical structure used to cut small-sized workpieces of complex shapes
- ✓ Robot-assisted cutting at high degree of automation and minimal manual error
- ✓ Pair with a positioner to rotate and position workpieces accurately
- ✓ Self-developed intelligent CNC system equipped with offline programming
- ✓ Robot installed in multiple ways to make itself more flexible



Model	RC Series
Machine Structure	Vertical type
Laser Power (kW)	1.5-20
Laser Wavelength (nm)	1080 (+10)
Type of Cooling	Water cooling
Length of Optical Fiber (m)	10-20
Cutting Thickness (mm)	≤3-14
Number of Robot Axes	6 axes
Robot Radius (mm)	1853
Repositioning Accuracy of Robot (mm)	± 0.02
Total Mass of Robot (kg)	210
Power Supply	Three-phase 380V, 50/60HZ (custom-made)