

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) |