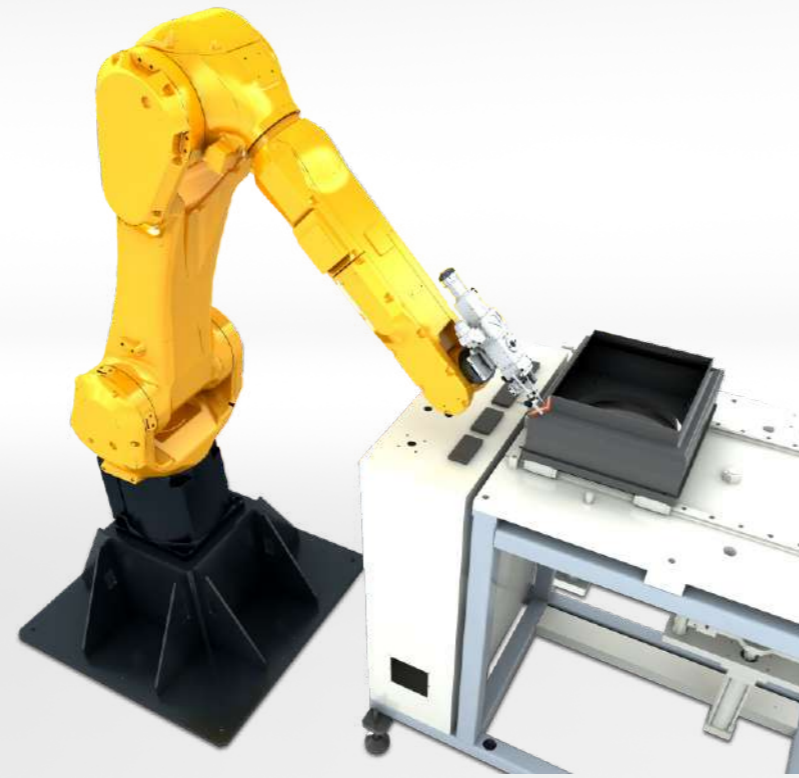
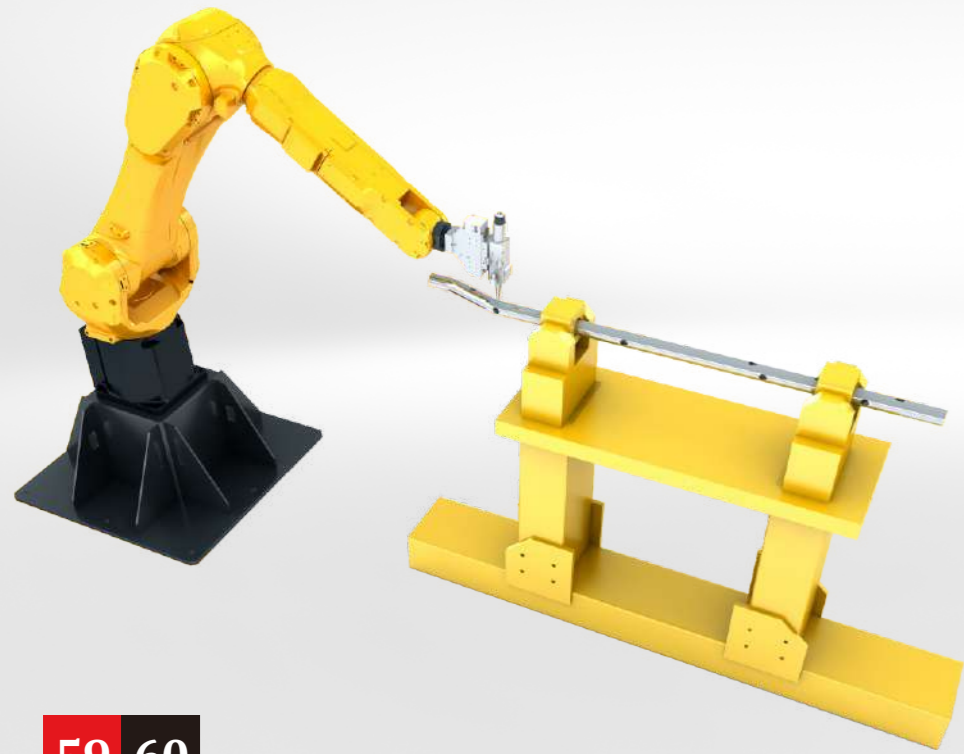


Laser Robot “R”series

RV16/RV18/RV26

3D robot fiber laser cutting / welding machine



Application Industry

Applicable to processing automotive sheet metal, special-shaped tubes, internal high-pressure tubes, thermoformed tubes, rail transportation, fitness equipment, home appliances and sanitary ware, advertising lighting, musical instrument crafts, and special-shaped parts.

Configuration And Parameters

Robot brand	FANUC	FANUC	YASKAWA	ABB	KUKA
Type	R2000iC	M20iB	Gp25	IRB2600	KR20 R1810
Loader	165kg	25kg	25kg	12kg	20kg
Working radius	2655mm	1850mm	1730mm	1850mm	1810mm
Installation type	Formal, upside- down, angle	Formal, upside- down, angle	Formal	Formal, upside- down, angle	Formal, upside- down, angle
Processing accuracy	±0.2mm	±0.15mm	±0.1mm	±0.2mm	±0.2mm
Repeatability	±0.05mm	±0.02mm	±0.02mm	±0.04mm	±0.04mm
Laser power	1500W-20000W	1500W-6000W	1500W-6000W	1500W-3000W	1500W-6000W
Optional	Walking axis, positioner, offline programming software, protective fence, gantry, plate cutting table, dust collector...				

Product Details

- ✓ Advanced high-precision robots have a wide range of motion, low failure rate and easy maintenance.
- ✓ The flexible processing system adopts PLC control to facilitate the management of multiple processing procedures and fixtures.
- ✓ The equipment is equipped with bus communication options and equipped with gas pressure sensors to avoid rapid damage to consumables.
- ✓ Optional walking axis, gantry, base or positioner to expand the processing range of a single robot.
- ✓ It can be equipped with standard/swing/galvanometer welding head, welding seam tracking/detection system, wire feeder, coaxial/paraxial air blowing, etc.
- ✓ Laser welding speed is 5- 10 times faster than traditional welding machine.

