

Laser Robot “R” series

RE16/RE18/RE26

3D robot fiber laser cutting 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	ABB	KUKA	Staubli
Type	M20iB	M800	IRB2600	KR20 R1810	RX160L
Loader	25kg	60kg	12kg	20kg	28kg
Working radius	1850mm	2040mm	1850mm	1810mm	2010mm
Installation type	Formal, upside-down, angle	Formal	Formal, upside-down, angle	Formal, upside-down, angle	Formal, upside-down
process accuracy	±0.15mm	±0.1mm	±0.2mm	±0.2mm	±0.15mm
Repeatability	±0.02mm	±0.015mm	±0.04mm	±0.04mm	±0.05mm
Kaser power	1500W-6000W	1500W-15000W	1500W-3000W	1500W-6000W	1500W-6000W
Optional	Walking axis, positioner, offline programming software, protective fence, gantry, plate cutting table, dust collector...				

Product Details

The "RE" series of three-dimensional robotic laser cutting machines adopt an overall sealed sheet metal enclosure design, enhancing the safety protection capabilities of the equipment and effectively solving the problem of exhaust gas collection and treatment during laser cutting. The vertical structure combined with a dual-workstation positioning machine configuration allows for independent loading and unloading of workpieces without affecting each other, resulting in higher equipment utilization rates.

Samples

