

# Laser Cladding Machines

## SFR6063

Laser power: 6-12kW

Workpiece length: 6000-15000mm

- ✔ 6-axis linkage industrial robot, to clad large-sized workpieces
- ✔ High-speed laser cladding head+dual-cylinder pneumatic power feeder
- ✔ Metallurgical bonding layer with low dilution rate and high resistance to corrosion and abrasion
- ✔ Automate the laser cladding works and need much less manual intervention
- ✔ Clad both metals of simple surface like axial and planar type, and of complex-shaped surface incl. curved and spherical style



SFR6063

Model	SFR6063
Laser Power (kW)	6-12
Max Road of Robot (kg)	25
Coverage Area of Robot (mm)	1831
Cladding Thickness (mm)	0.1-1.5
Max Length of Workpiece (mm)	6000-15000
Load of Rotary Table (t)	3-15
Max Clamping Workpiece (mm)	φ630
Max Rotating Workpiece (mm)	φ1500
Powder Size (um)	20-250
Max Powder Feeding Speed (g/min)	200
Powder Feeding Error	±1%
Power Supply	Three-phase 380V, 50Hz/60Hz (custom-made)