

# Laser Welding Machines

## HWM Series

Laser power: 1.5-3kW

Workpiece thickness:  $\leq 7\text{mm}$

- ✓ Handheld welding by using very light welding gun ( $\leq 0.7\text{kg}$ )
- ✓ Balance welding, cutting, cleaning and weld seam cleaning well
- ✓ Single-/double-wire feeder used to make wire feeding automatic and welding stable
- ✓ Nearly 10 kinds of welding modes, like butt, overlap, stitch, stud, T-joint, internal and external welding
- ✓ Apply to most metals, incl. carbon, stainless steel, AL alloy, galvanized sheet, cold-rolled sheet and titanium alloy



Model	HWM
Laser Power (kW)	1.5-3
Laser Wavelength (nm)	1080±10
Thickness of Welding Sheet (mm)	$\leq 4-7\text{mm}$
Diameter of Filler Wire (mm)	0.8-1.6 (single-wire); 1.6 and 2 (double-wire)
Machine Cooling	Water cooling
Optical Fiber Length (m)	10
Net Weight of Machine (kg)	220-265
Overall Dimensions (L*W*H, mm)	954*715*980/954*715*980/1210*715*1080