

JF Handheld Laser Welder Series

HANDHELD LASER WELDING MACHINES

Handheld Laser Welding (Jf22 Air-cooled)



Wire Feeder
On Top

Type		JF22-A08T	JF22-A12T	JF22-A15T	JF22-A20T
Working voltage(V)		1ph AC220V±5%			
Frequency(Hz)		50/60			
Power(w)		800	1200	1500	2000
Fiber length(m)		10			
Laser output head		QBH			
Central wavelength(nm)		1080±5			
Cooling method		Air cooled			
Weldable Seam Gap		≤1.6mm			
Operating temperature range		-20~+40°C			
Operating humidity		≤70% at 40°C; ≤90% at 20°C			
Shielding Gas		Argon/Nitrogen			
Welding wire breadth(mm)		Ø0.8, 1.0, 1.2, 1.6, 2.0			
Maximum welding thickness(mm)	Stainless steel	2.5	4.5	5.5	7.0
	carbon steel	2.5	4.5	5.5	7.0
	aluminum	1.5	2.5	3.5	4.5
Rust Removal Width(mm)		≤120mm			
Machine Dimensions(mm)		1100*680*1350		1100*710*1350	
Weight (kg) (excluding gas cylinders)		85	95	105	115
Suitable Welding Materials		Carbon Steel, Aluminum, Galvanized Sheet, Stainless Steel, etc.			

Note: Welding parameters are for reference only. Actual parameters may deviate from the above values due to variations in welding wire diameter, weld seam width and other environmental and process factors.