

JF Handheld Laser Welder Series

HANDHELD LASER WELDING MACHINES

Handheld Laser Welding (JF22 Air-cooled)



Type		JF22-A08S	JF22-A12S	JF22-A15S	JF22-A20S
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℃			
Operating humidity		≤70% at 40℃; ≤90% at 20℃			
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)		640*400*600		640*430*600	
Weight (kg)		28	45	55	65
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.