

LightWELD® Handheld Laser Welding & Cleaning



	LightWELD 2000 XR	LightWELD 1500 XR	LightWELD 1500 XC	LightWELD 1000
Steels (Stainless Steel, Mild Steel, Galvanized Steel)	up to 0 gauge (0.313")	up to 4 gauge (0.234")	up to 9 gauge (0.156")	up to 9 gauge (0.156")
Aluminum 3 & 5 Series	up to 0 gauge (0.325")	up to 3 gauge (0.229")	up to 6 gauge (0.162")	up to 8 gauge (0.129")
Aluminum 6 Series	up to 3 gauge (0.229")	up to 4 gauge (0.204")	---	up to 8 gauge (0.129")
Nickel Alloy	up to 1 gauge (0.281")	up to 6 gauge (0.203")	---	---
Titanium	up to 4 gauge (0.234")	up to 6 gauge (0.203")	---	---
Copper	up to 8 gauge (0.129")	up to 12 gauge (0.081")	---	---
Wobble Welding (width)	up to 0.200"	up to 0.200"	up to 0.200"	up to 0.200"
Cleaning Width (Pre- & Post-weld)	up to 0.600"	up to 0.600"	up to 0.600"	---
High Frequency Peak Power for Cleaning	3000 W	2500 W	2500 W	---
Laser Power	up to 2000 W	up to 1500 W	up to 1500 W	up to 1000 W