



Laser

佳達雷射設備



JP-X4

新一代手持空冷雷射焊機(焊接/除鏽/切割/焊縫清洗四合一)

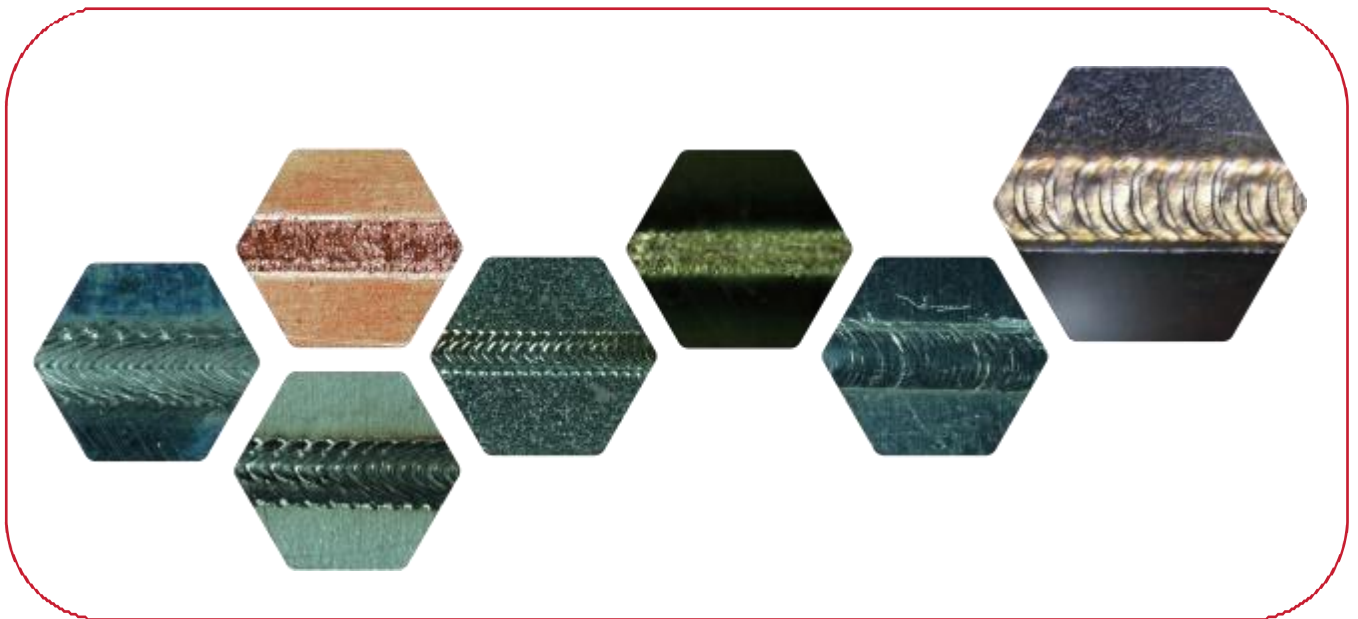
應用材料更廣泛

操作使用更簡易

新一代手持空冷雷射焊接機，焊接速度快、效果好、容易學習，上手簡單，可以極大地提升生產效率，降低加工成本。

焊接材料	不銹鋼	碳鋼	鍍鋅板	鋁	黃銅	紫銅
熔滲效果	4mm	4mm	4mm	3mm	2.5mm	2.5mm

各種材料焊接工藝，碳鋼、不銹鋼、鍍鋅板、鋁、黃銅、紫銅等



通過智慧作業系統，使用者可以根據不同材料和厚度，快速選擇焊接參數，新手也可以焊接出高品質和高一致性的焊縫。

智慧型焊接系統



智慧工藝，多種焊接工藝存檔，靈活調用



防碰撞塑膠外殼設計，緊密型手持焊槍



- ✧ 基本特點：配套控制系統，設置多處安全防護警報，體積更小，操作靈活，簡單上手。
- ✧ 更穩定：所有參數可見，即時監控整機狀態，提前避開問題，更便捷檢查和解決問題，確保焊接槍穩定工作。
- ✧ 工藝：所有參數可見，焊接品質更完美，變形小，高熔滲。
- ✧ 參數穩定，重複性高：確定的噴嘴氣壓和鏡片狀態，只要雷射器功率穩定，工藝參數必定可重複。大大提高效率，同時還降低了操作工件要求。

靈活輕型設計，移動作業更方便



產品參數

工作模式	輸出功率	輸入電壓	擺動寬度	擺動頻率
連續和脈衝	1500w	220v	0-6mm	0-300Hz

焊接工藝參數：不同厚度材料，僅供參考

1. Carbon Steel/ Galvanized Steel							
Material&Thickness	Laser Power	Scan Speed	Scan Width	Wire Model	Wire Feeding Speed	Welding Angle	Form
(mm)	(W)						
CS 0.5	220	400	2.5	ER 0.8	100	Flat welding	Penetrated through
CS 0.5	220	400	2.5	ER 0.8	100	Inner welding	In pale yellow
CS 0.5	220	400	2.5	ER 0.8	100	Outer welding	Penetrated through
CS 1.0	380	400	2.5	ER 1.0	80	Flat welding	90% penetrated
CS 1.0	380	400	2.5	ER 1.0	80	Inner welding	In pale yellow
CS 1.0	380	400	2.5	ER 1.0	90	Outer welding	70% penetrated
CS 2.0	700	400	3	ER 1.2	70	Flat welding	Penetrated through
CS 2.0	700	400	3	ER 1.2	70	Inner welding	In white color
CS 2.0	700	400	3	ER 1.2	60	Outer welding	Penetrated through
CS 3.0	1200	400	3	ER 1.2	65	Flat welding	Penetrated through
CS 3.0	1200	400	3	ER 1.2	75	Inner welding	In white color
CS 3.0	1200	400	3	ER 1.2	60	Outer welding	80% penetrated
CS 4.0	1500	400	3.5	ER 1.6/2.0	20-60	Flat welding	Penetrated through
CS 4.0	1500	400	3.5	ER 1.6/2.0	20-60	Inner welding	Penetrated through
CS 4.0	1500	400	3.5	ER 1.6/2.0	20-60	Outer welding	80% penetrated
CS 5.0	1700	400	4.5	ER 1.6/2.0	20-60	Flat welding	Penetrated through
CS 5.0	1700	400	4.5	ER 1.6/2.0	20-60	Inner welding	Penetrated through
CS 5.0	1700	400	4.5	ER 1.6/2.0	20-60	Outer welding	80% penetrated
CS 6.0	2000	400	4.5	ER 1.6/2.0	20-60	Flat welding	80% penetrated
CS 6.0	2000	400	4.5	ER 1.6/2.0	20-60	Inner welding	60% penetrated
CS 6.0	2000	400	4.5	ER 1.6/2.0	20-60	Outer welding	80% penetrated

NOTE: For galvanized steel welding, the laser power can be adjusted smaller.

2. Stainless Steel

Material&Thickness	Laser Power (W)	Scan Speed	Scan Width	Wire Model	Wire Feeding Speed	Welding Angle	Form
(mm)							
SS 1.0	200	400	2.5	ER304 1.0	100	Flat welding	In white color
SS 1.0	320	400	2.5	ER304 1.0	100	Flat welding	In colorful
SS 1.0	350	400	2.5	ER304 1.0	100	Inner welding	In colorful
SS 2.0	600	400	3	ER304 1.0	80	Flat welding	Penetrated through
SS 2.0	450	400	3	ER304 1.0	80	Flat welding	In blue and white
SS 2.0	260	400	3	ER304 1.0	90	Inner welding	In golden yellow
SS 2.0	200	400	3	ER304 1.0	70	Flat welding	In pale yellow
SS 3.0	550	400	3	ER304 1.2	70	Flat welding	In colour modelling
SS 3.0	700	400	3	ER304 1.2	60	Inner welding	70% penetrated
SS 3.0	800	400	3.5	ER304 1.2	65	Flat welding	Single-side forming
SS 4.0	1000	400	3.5	ER304 1.2	75	Flat welding	In colorful
SS 4.0	1200	400	3.5	ER304 1.2	60	Inner welding	70% penetrated
SS 4.0	1500	400	3.5	ER304 1.2	20-60	Flat welding	Single-side forming
SS 5.0	1500	400	4.5	ER304 1.6	20-60	Inner welding	In colorful
SS 5.0	1500	400	4.5	ER304 1.6	20-60	Flat welding	50% penetrated
SS 5.0	1700	400	4.5	ER304 1.6	20-60	Outer welding	80% penetrated
SS 6.0	1500	400	4.5	ER304 1.6	20-60	Flat welding	50% penetrated
SS 6.0	1700	400	4.5	ER304 1.6	20-60	Outer welding	Penetrated through
SS 6.0	1900	400	4.5	ER304 1.6	20-60	Inner welding	90% penetrated

NOTE: For aluminum welding, please refer to stainless steel welding and increase the laser power at 20-30%. And the focus can also be adjusted manually.



J-power
WELDING & CUTTING **Laser**