

本机适合多种不同场合的应用，如广告、家具、温室搭建，在注塑机上的超大型模具、叉车、汽车上进行焊接等。

This machine is suitable for a variety of applications, such as advertising, furniture, greenhouse construction, welding on super-large molds, forklifts, and automobiles.

- 激光焊接头结构轻巧，内置冷水机一体式集成。
- 激光光束质量好，能量分布均匀，焊点大小均匀，深度一致。
- 使用激光功率实时反馈控制系统，性能稳定。
- 操作智能，仅对金属件出光，非金属件不出光。
- 可远距离操作，光纤防折弯支撑防护，便于收纳。
- Compact laser welding head structure, integrated chiller integrated.
- Laser beam quality is good, energy distribution and welding spot size is uniform, consistent welding depth.
- Performance is stable, because we using a laser power real-time feedback control system.
- Intelligent operate, only for metal parts, do not emit light on non-metallic parts
- It can be operated from a long distance, and the fiber anti-bending support is easy to store.



广泛应用于不易用固定光路焊接机实现的大型、复杂工件焊接的行业。

Widely used in the industry of large and complex workpiece welding that is difficult to achieve with a fixed optical path welding machine.

适用于不锈钢、碳钢、普通合金钢、冷作高合金钢、热锻高合金钢、含镍工具钢、高级钢、高韧铝合金、铜合金、铍铜、紫铜和极硬合金材料，以及镍合金、冷锻钢等多种金属及其合金的搭焊、拼焊、叠焊、角焊等。

It is suitable for stainless steel, carbon steel, common alloy steel, cold work high alloy steel, hot forged high alloy steel, nickel-containing tool steel, high-grade steel, high-tough aluminum alloy, copper alloy, beryllium copper, red copper and extremely hard alloy materials, and lap welding, tailor welding, seam welding, fillet welding of various metals and alloys thereof such as nickel alloy and cold forged steel.

性能 / 型号	Performance/model	SK-CW500	SK-CW800	SK-CW1000	SK-CW1500	SK-CW2000
最大输出功率	Max.output power	500W	800W	1000W	1500W	2000W
激光波长	Wavelength	1070-1080nm				
冷却方式	Cooling	水冷 Water				
焊接速度	Welding speed	0-120mm/s				
焊接厚度	Welding thickness	0.5-3mm				
不锈钢焊接熔深	SS depth of fusion	0.8mm	1.2mm	1.5mm	2.5mm	3.5mm
碳钢焊接熔深	C.S depth of fusion	0.8mm	1.2mm	1.5mm	2.5mm	3.5mm
镀锌板焊接熔深	SGCC depth of fusion	0.8mm	1.0mm	1.2mm	2.5mm	2.5mm
供电电源	Power supply	AC220V±10%3KW		AC220V±10%5KW	AC220V±10%7KW	AC380V±10%9KW
机器尺寸(长*宽*高)	Machine size (L*W*H)	1200*600*1650mm				
机器重量	Machine weight	300Kg				