

本机通过激光瞬间产生的高热能将专用焊丝熔接到模具的破损部位，与原有模具基材牢固熔接，焊后磨削加工成光面，可有效的修补砂眼、裂痕、崩角及磨损的模边、密封边等微小部位。

This machine fuses the special welding wire to the damaged part of the mold through high thermal energy generated by laser instantaneously, and is firmly welded to the original mold base material, and is ground and polished into a smooth surface after welding, and is effective. Repairs sand holes, cracks, chipping and worn edges, sealing edges and other tiny parts.

- 激光焊点直径小，受热范围小、焊后无气孔、无凹陷，不会导致精密模具变形。
- 焊接深度大、焊接牢固、溶化充分、无明显修补痕迹。
- 焊接头可 360 度旋转，工作台可电动升降，三维移动平台适合不同大小模具的修补。
- The laser welding spot has a small diameter, a small heat receiving range, no pores after welding, no depression, and does not cause deformation of the precision mold.
- Deep welding depth, the welding is firm, the melting is sufficient, and there is no obvious repairing trace.
- The welding head can be rotated 360 degrees, the worktable can be electrically lifted, and the 3D mobile platform is suitable for repairing different sizes of molds.



广泛应用于手机、数码产品、汽车及摩托车等模具制造和成型行业。

Widely used in mould making and molding industries such as 3C, digital products, automobile and motorcycle etc.

适用于 S136, SKD-11, NAK80, 8407, 718, 738, H13, P20, W302, 2344 等模具钢、碳钢、普通合金钢、不锈钢、铍铜、紫铜和极硬合金材料的塑胶模具、铸造模、锻造模、冲压模、压铸模等。

It is suitable for S136, SKD-11, NAK80, 8407, 718, 738, H13, P20, W302, 2344, etc., such as die steel, carbon steel, common alloy steel, stainless steel, beryllium copper, copper and hard alloy materials. Plastic molds, casting molds, forging dies, stamping dies, die-casting dies, and the like.

性能 / 型号	Performance/model	SK-MW200	SK-MW300
最大输出功率	Max.Output power	200W	300W
激光波长	Wavelength	1064nm	
冷却方式	Cooling	水冷 Water	
脉冲宽度	Pulse width	0.1-20ms	
光斑调节范围	Laser spot adjustment range	0-0.3mm	
最大焊接深度	Max.welding depth	2.0mm	3.5mm
供电电源	Power supply	AC220V±10%/1PH/50Hz	AC380V±10%
机器尺寸 (长*宽*高)	Machine size (L*W*H)	1400*550*1200mm	
机器重量	Machine weight	220Kg	