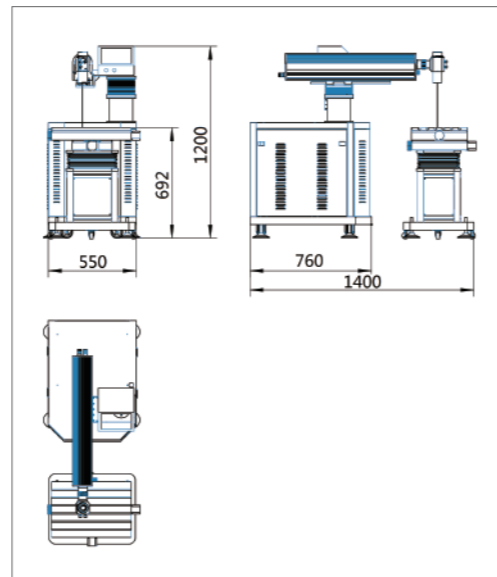


模具补焊机

MOLD REPAIRING WELDING



产品介绍 Introduction

激光模具焊机是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，从而实现模具的修补作用，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。Laser mold welding 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, thereby realizing the repairing effect of the mold, and is effective. Repairs sand holes, cracks, chipping and worn edges, sealing edges and other tiny parts.

设备特点 Feature

- 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。
- 采用自动遮光系统，减弱激光对眼睛的刺激。
- 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。
- 参数调节采用智能化遥控器控制，操作简单、快捷。
- 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.
- Use an automatic shading system to reduce the irritation of the laser.
- 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.
- The parameter adjustment is controlled by an intelligent remote control, which is simple and quick to operate.

应用行业 Application

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 mobile phones, digital products, automobile and motorcycle etc.

适用材料 Materials

适用于主要用于 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。Applicable to plastics mainly used in 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. 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	
焊点大小	Solder joint size	0.1-3mm	
最大焊接深度	Max.welding depth	2.0mm	3.5mm
供电电源	Power supply	220V±10%, 50Hz	

