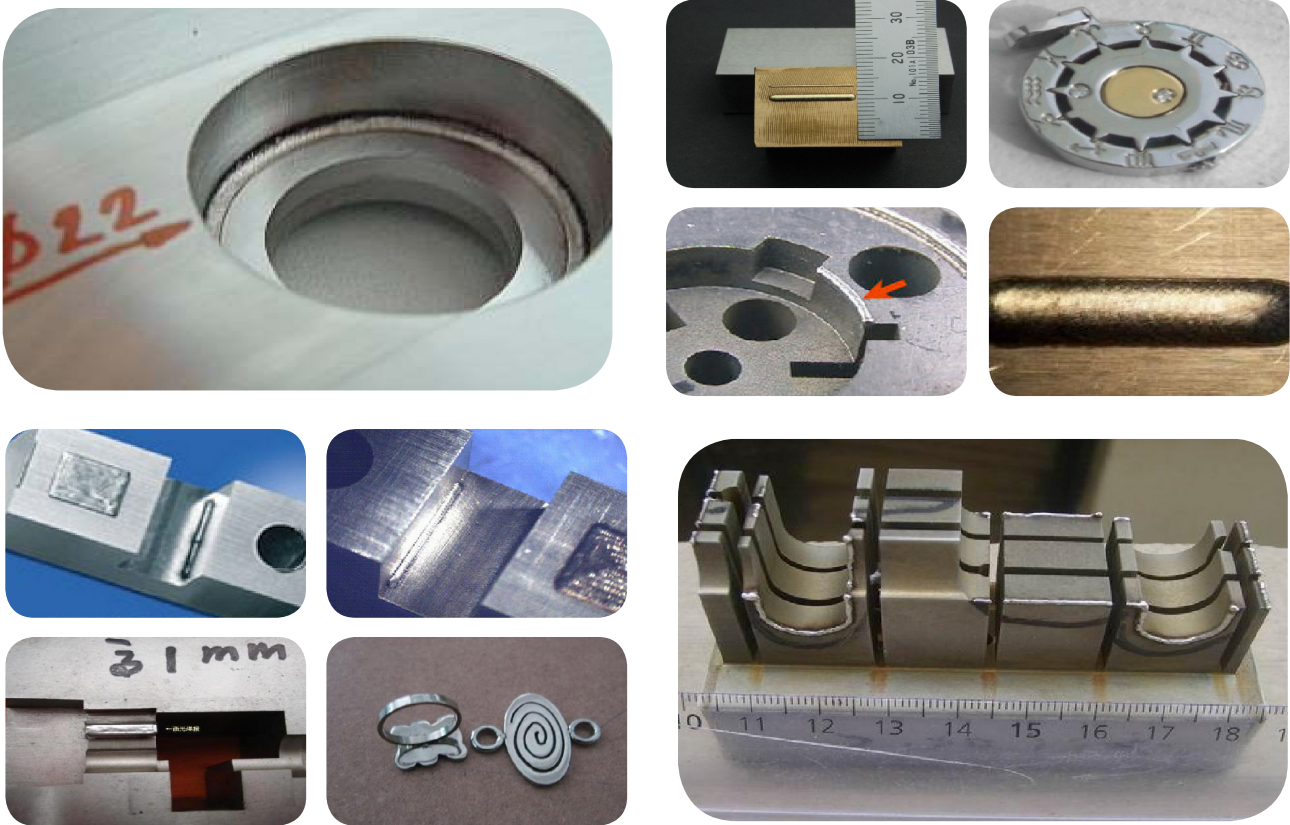




Application

Laser mould welder is mainly use in mould & plastic industry, which adopts laser high energy focusing to effectively process some tiny broken parts of moulds. Such as: repairing all kinds of mould cracks, small holes, collapse, sealing edge and other tiny parts. It has irreplaceable advantages while compare with traditional welding like high accuracy rate, high speed, depth, strength, no holes after processing, can polish into shining surface after welding, especially suitable to repair mould which requires polish.

SAMPLES



MODEL TYPE	SW-LMW200	SW-LMW300	SW-LMW400
MAX.OUTPUT POWER	200W	300W	400W
LASER WAVELENGTH	1064nm		
MAX.PULSE ENERGY	70J	100J	100J
PULSE FREQUENCY	≤ 50Hz	≤ 100Hz	≤ 100Hz
PULSE WIDTH	0.2~20ms		
LASER WELDING DEEPTH	0.1~2.0mm	0.1~2.5mm	0.1~3.0mm
FOCAL DIAMETER	0.1~2.0mm		
WORKBENCH LOADING ABILITY	≤ 200Kg		
WORKBECH TRAVEL DISTANCE	X:200mm, Y:100mm, Z:200mm		
RATED POWER	≤ 6kW	≤ 12kW	≤ 15kW
POWER SUPPLY	AC220V/50Hz	AC380V/50Hz/ 三相	AC380V/50Hz/ 三相
CONTROL SYSTEM	Microchip CPU		
COOLING SYSTEM	Water cooling		