Fiber Optical Laser Cutter

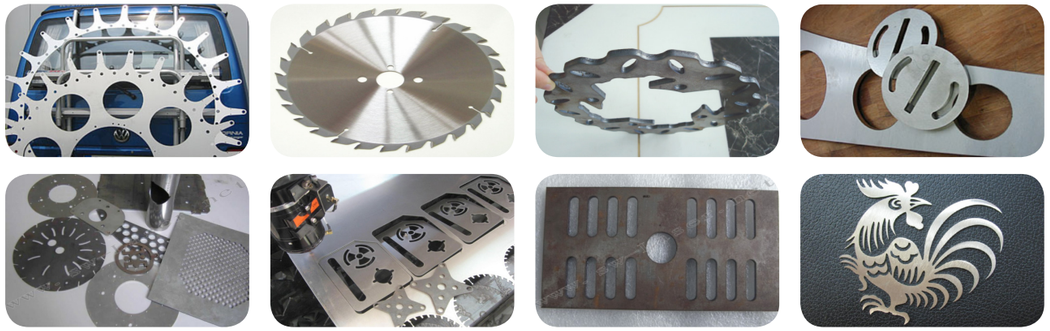
SW-LCM Series



MODEL TYPE	SW-LCM2513	SW-LCM3015	SW-LCM4020	SW-LCM5050	SW-LCM6022
LASER POWER	300W / 500W / 1000W / 2000W / 2400W / 3000W / 4000W				
CUTTING RANGE	2500×1300	3000×1500	4000×2000	500×500	6000×2200
Z AXIS TRAVEL DISTANCE	120~150mm（Depend on the model）				
X/Y AXIS GEOMETRIC POSITIONING ACCURACY	=0.05mm				
X/Y AXIS REPOSITIONING ACCURACY	=0.03mm				
X/Y AXIS MAX POSITIONING SPEED	50~100m / min（Depend on the model）				
X/Y AXIS MAX ACCELERATION	0.3~2G（Depend on the model）				
KERF WIDTH	0.1mm ～ 0.8mm				
KERF ROUGHNESS	Ra3.2 ～ 25.4um				
CUTTING THICKNESS	Depend on laser power and materials				
OCCUPIED AREA	Depend				
MACHINE DIMENSIONS	Depend				
MAX LOADING CAPACITY OF WORKTABLE	400~1000Kg（Depend on the model）				
WEIGHT	4~10T（Depend on the model）				
POWER SUPPLY	AC380V 3Phase/50Hz~60Hz				
CNC CONTROL SYSTEM	German CNC Laser Cutting System				
CHILLING SYSTEM	External Water Chiller				



SAMPLES



Application

Applicable Materials: 0.5~14mm carbon steel sheet, 0.5~5 mm stainless steel plate, galvanized sheet, electrolytic plate, silicon steel, 0.5~ mm aluminium alloy, 0.5~2 mm brass and copper and other thin metal materials.

Application Scope: sheet metal processing, aviation, aerospace, electronics, electrical appliances, tube and fittings, automobile, machinery, precision parts, ships, metallurgical equipment, elevators, household appliances, craft gifts, tool processing, decoration, advertising, metal processing and other manufacturing industries.