

## Small Scale YAG Laser Cutting Machines



### Application:

We provide two types of precision cutting machines, one is mainly applied to cut sheet metal (thickness <math><2.0\text{mm}</math>) like medical devices ,micro-electronic components, spectacle frames, leaf springs, circuit boards ect,The other applied to cut machine and electric accessories (diameter 2.00mm -5.00mm)

### Applicable Materials:

Materials such as mild steel, spring steel, stainless steel, alloy materials, copper, gold,silver,platinum,titanium and aluminium ect.

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Technical parameter for small scale YAG laser cutting machine:

Model:	TQL-LCY500-0505	TQL-LCY500-0404	TQL-LCY500-0303
Processing scale(length*width):	500mm×500mm	400mm×400mm	300mm×300mm
Cutting thickness:	0.15mm-6mm	0.15mm-6mm	0.15mm-6mm
Max. output power:	500W	500W	500W
Laser wavelength:	1064nm	1064nm	1064nm
Pulse frequency:	1--300HZ	1--300HZ	1--300HZ
Min. line width:	0.15mm	0.15mm	0.15mm
Electrical source:	380V/50HZ/100A	380V/50HZ/100A	380V/50HZ/100A
X,Y,Z axis geometric positioning accuracy:	≤±0.05mm/1000mm	≤±0.05mm/1000mm	≤±0.05mm/1000mm
X,Y,Z axis re-orientation accuracy:	≤±0.04mm	≤±0.04mm	≤±0.04mm
Machine weight:	400kg	390kg	380kg
Cooling mode:	5P water-cooling	5P water-cooling	5P water-cooling
Max. cutting speed:	35mm/s	35mm/s	35mm/s

## CUT SAMPLES

