

LASER CUTTING AND ENGRAVING

One of the fastest means to prototype through 2D profile cutting. The laser allows us to quickly and precisely cut thin sheets of wood, plastic, and fabric or make intricate engravings on wood, metal, glass and plastics, using focused high power LASER beam to burn away a spot on the material instantly.

AKGEC Fab lab has a 100W laser from SIL and works on RD works software for control. Any 2D vector graphics design can be cut or engraved using the laser.

FEATURES

Engraving Speed	: 0-64 m/min
Cutting Speed	: 0 - 30 m/min
Working Area	: 1300mm x 900 mm
Temperature	: 0 ~ 45 Degree C
Reposition Accuracy	: 0.1 mm
Humidity	: 5% ~ 95 %
Wave Length	: 10.6 micrometer
Supply Voltage	: AC 230 V +/-10%
Laser power	: 100 W
Laser type	: CO2

