



High Power

Laser Engraver



omtechlaser.com

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Known for their optimal engraving and cutting capabilities, our High Power CO2 Laser Engravers of 100-150W can engrave and cut with professional speed and precision. These machines are changing the game for businesses and professionals seeking to unlock the endless possibilities of laser engraving.

Average Engraving Settings

Parameter Settings	Wattage	Clear Acrylic	Wood	Glass	Leather	Faux Leather	Tile/Stones
Speed mm/s	50w-55w	275 mm/s	150 mm/s	175 mm/s	350 mm/s	375 mm/s	125 mm/s
Power		22	25	20	19	18	20
Speed mm/s	60w	300 mm/s	180 mm/s	200 mm/s	375 mm/s	400 mm/s	145 mm/s
Power		20	23	20	17	16	19
Speed mm/s	80w	325 mm/s	200 mm/s	225mm/s	425 mm/s	450mm/s	145 mm/s
Power		18	19	20	16	15	18
Speed mm/s	100w	350 mm/s	200 mm/s	250mm/s	450 mm/s	475	165 mm/s
Power		15	18	20	16	15	18

These are the average settings to start off with and are focused on having low power settings. You would want to run sample tests first. Depending on your desired finish and look you will have to adjust the settings accordingly.

Remember there is a power/speed ratio correlation. The more you increase the speed the less power is focused on the area.

Model Options for High Power



100W CO2
Laser Engraver
24x35" Workbed
(with Water Chiller)



100W CO2
Laser Engraver
24x40" Workbed
(with Auto Focus)



100W CO2
Laser Engraver
20x28" Workbed



130W CO2
Laser Engraver
35x55" Workbed
(with Water Chiller)



150W CO2
Laser Engraver
40x63" Workbed
(with Water Chiller)

See website for pricing