



UNIQUE ADS MEDIA[®]

Preferred Business Partner

FIBER LASER CUTTING MACHINE

How does a fiber laser cutting machine work?

FIBER LASER CUTTING

A beam is created using a 'seed laser', which is then amplified using glass fibers and pump diodes. They have the same wavelength as above, 1.064 micrometres. This means that the beam for a fiber laser is roughly 100 times greater than that of a CO2 equivalent when it comes to intensity.



A high power **Fiber laser cutter** is capable of **cutting** up to 5 times faster than a conventional CO2 **laser** and utilizes half the operating costs. ... **Fiber lasers** have a fully sealed **Fiber** optic beam path both at the power source and at the **Fiber** delivery to the **cutting** head.

What are the benefits laser cutting?
The advantages of laser cutting are flexibility, precision, repeatability, speed, cost-effectiveness, great quality, contactless cutting, versatility and automation possibilities.

- LASER CUTTING**
- Stainless Steel
 - Metal Sheet
 - GI Sheet
 - Aluminium Sheet
 - Copper, Brass. etc...



☎ 9000277800

📍 Mughal nagar
Opp. Pillar No. 110
Attapur, Hyderabad

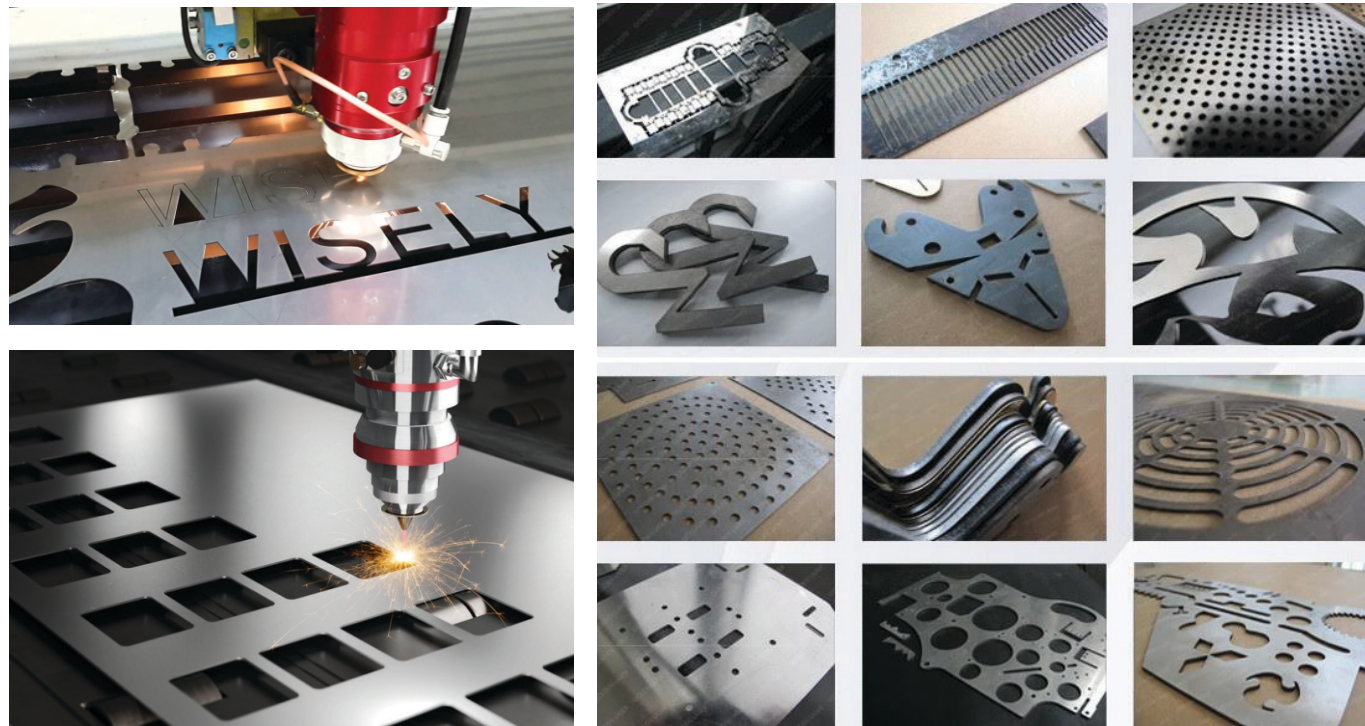
✉ uamlaser@gmail.com

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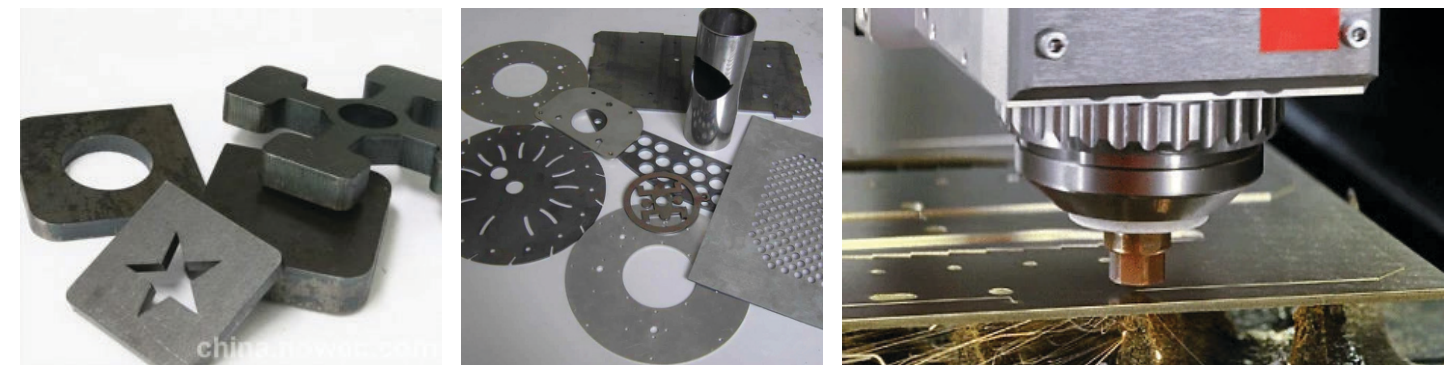
CUTTING SAMPLES



STAINLESS STEEL

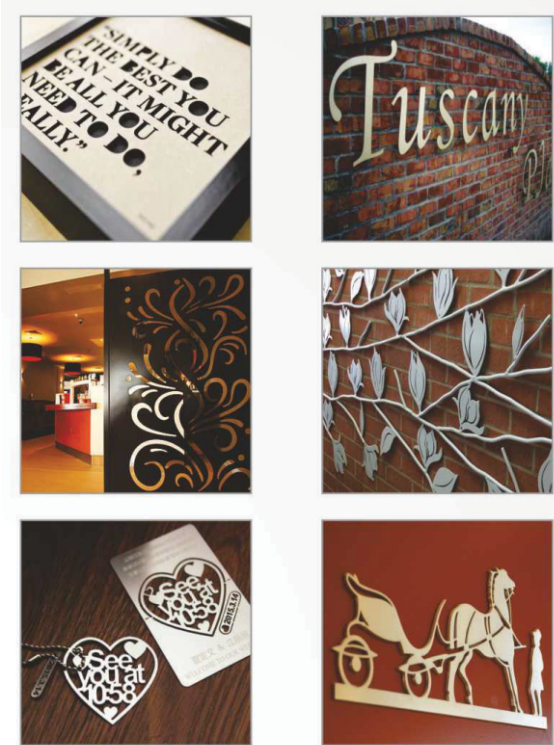


METAL SHEET CUTTING

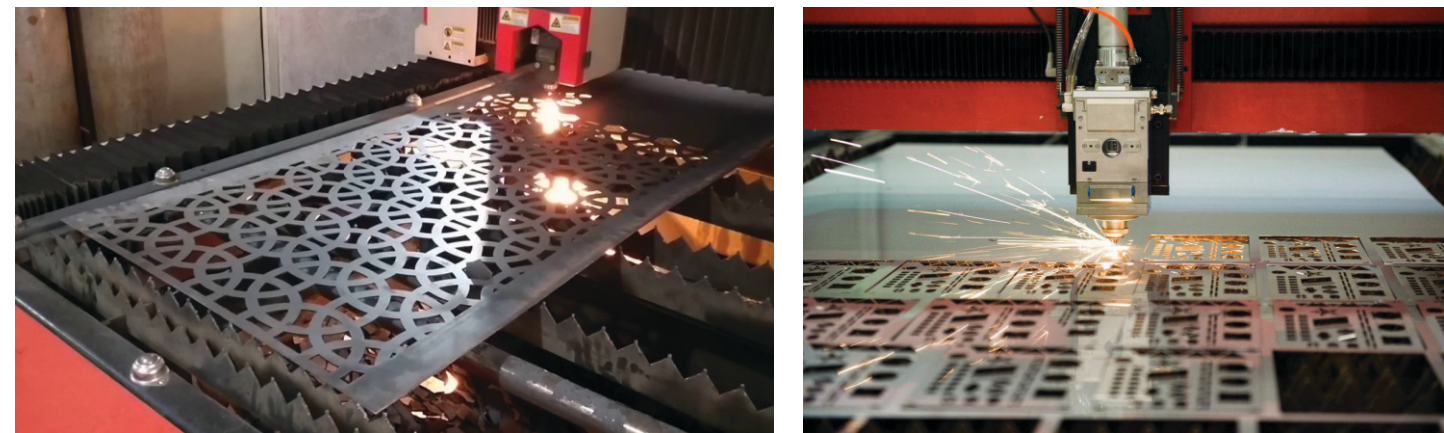


SPECIFICATION

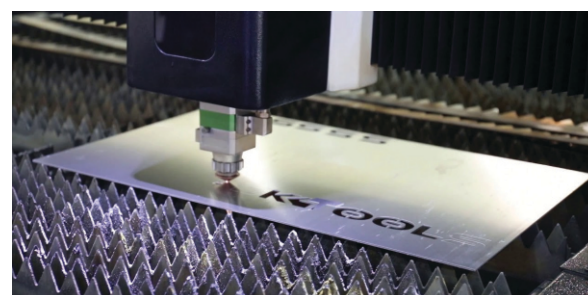
Model	EX-1530
Working Area	5 feet X 10 feet
Laser Source	1000 / 1500 Watt
Laser Type	Imported Original Fiber Laser
Laser Wavelength	1080 nm
Cutting Head	MCH-1R
Max. Cutting Speed	30 m/min
Position Accuracy	<± 0.05 mm
Minimum Line Width	< 0.12 mm
Cooling System	Water Cooling
Drives & Control	AC Servo
Working Voltage	AC 380V
Weightage	3 ton



GI SHEET



ALUMINIUM SHEET



COPPER SHEET



BRASS SHEET



Range of Materials that can be cut

Mild Steel, Stainless Steel, Aluminum, Brass, Copper, Galvanized Sheet, Titanium & more