



ACCU FIBER LASER METAL CUTTER 500 - 1500 W 5' X 10'

TECHNOLOGY SPECIFICATIONS:

- Working area: 59"x118" or 1500 mm x 3000 mm
- Z-axis travel: 100 mm / 4"
- Single-mode continuous fiber laser, 1.07 um wavelength
- Laser wattage: 500 / 750 / 1000 / 1500 W
- Beam quality: <0.373 mrad
- Positioning accuracy: <= 0.03 mm/m
- Max. no load speed: 60 m/min / 196 ft/min
- Power Supply: Three phase 220 V
- Power consumption: 10-15 kW
- Dedicated USA technical support from qualified technicians and engineers
- Gross weight: 8000 lbs
- Air-assist: Oxygen or Nitrogen
- Warranty: Two years
- Driving system: servo motors
- Water cooling of supply and laser head: CW6000 industrial refrigerated water chiller

TYPICAL CUTTING PARAMETERS*

*Maximum cutting thickness. Speed is faster when cutting thinner metals

Wattage	Metals	Thickness (mm)	Speed (ft/min)	Gas
500W	Carbon Steel	3	5	Oxygen
	Stainless Steel	2	7	Nitrogen
	Galvanized Sheet	2	5	Nitrogen
	Aluminum Alloys	1	8	Nitrogen or Oxygen
750W	Carbon Steel	6	4	Oxygen
	Stainless Steel	3	5	Nitrogen
	Galvanized Sheet	3	5	Nitrogen
	Aluminum Alloys	2	5	Nitrogen or Oxygen
1000W	Carbon Steel	9	3	Oxygen
	Stainless Steel	5	2	Nitrogen

	Galvanized Sheet	3	6	Nitrogen
	Aluminum Alloys	3	4	Nitrogen or Oxygen
1500W	Carbon Steel	12	3	Oxygen
	Stainless Steel	8	3	Nitrogen
	Galvanized Sheet	3	10	Nitrogen
	Aluminum Alloys	5	5	Nitrogen or Oxygen