



## FIBER LASER METAL CUTTER 300 - 750 W 4' X 8'

### TECHNOLOGY SPECIFICATIONS:

- Working area: 51"x98" or 1300 mm x 2500 mm
- Z-axis travel: 100 mm / 4"
- Single-mode continuous fiber laser, 1.07 um wavelength
- Laser wattage: 300 / 500 / 750 / 1000 W
- Beam quality: <0.373 mrad
- Positioning accuracy: <= 0.03 mm/m
- Max. no load speed: 60 m/min / 196 ft/min
- Power Supply: single phase 220 V
- Power consumption: 8 kW
- Dedicated USA technical support from qualified technicians and engineers
- Gross weight: 5,500 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\*

\* Speed is faster when cutting thinner metals.

Wattage	Metals	Thickness (mm)	Speed (ft/min)	Gas
300W	Carbon Steel	2.5	3	Oxygen
	Stainless Steel	2	3	Nitrogen
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