

	EcoLase	EcoLase /M
Laser source :	Fiber Laser Source made by FARANOORAN	
	Other Brands are also available	
Laser life time :	100 000 hours	
Laser power :	500 to 3000 watts	
cutting ability:	stainless steel- mild steel	
	Galvanized - spring steel- aluminum...	
cutting speed:	depend to laser power...	
	exp. for 1000 W 20 m/min (1mm s.steel)	
cutting thickness:	depend to laser power...	
	exp. for 1000 W: 10mm mild steel	
Controller :	SIEMENS	Mach 3
Assist Gas	2 Chanel	1 Chanel
Clean Cut with N2 :	✓	✓
motion system:	German made Rack&Pinion(2axis Gantry)	
motor type:	AC servo for XYZ axis	
cutting area:	3000 x 1500 mm ( up to 2000 x 6000 mm )	
max. cutting speed:	up to 20 m/min	
Jump speed:	up to 90 m/min	
cutting accuracy:	+/- 0.035 mm	
repeatability:	+/- 0.01 mm	
resolution:	+/- 0.001	
acceptable formats:	dxf & plt - DWG	
Automatic nesting & micro-joint software	✓	
automatic height sensing	✓	
lubricating system	✓	
Laser Marking ability:	✓	
exhaust Fan	✓	
industrial safety cabinet	—	
Laser safety glass	—	
Shuttle Table	—	
Conveyor	—	
warranty	24 months	12 months