

Profile & Pipe Laser Cutting system

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: 10 mm mild steel
Controller :	SIEMENS
Assist Gas	2 Chanel
Clean Cut with N2 :	✓
motion system:	German made Rack&Pinion(2axis Gantry)
motor type:	AC servo for XYZ axis
cutting area:	Ø300 x 6400 mm
max. cutting speed:	up to 10 m/min
Jump speed:	up to 20 m/min
cutting accuracy:	+/- 0.035 mm
repeatability:	+/- 0.01 mm
resolution:	+/- 0.001
acceptable formats:	dxf & plt - DWG
CAD/CAM Software	✓
automatic height sensing	✓
lubricating system	✓
Laser Marking ability:	✓
exhaust Fan	✓
industrial safety cabinet	—
Laser safety glass	—
Shuttle Table	—
Conveyor	—
warranty	24 months