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- **Laser cutting machine**

- **DH-FLS1812 laser cutting machine**



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Parameters

	Item	DH-FLS-1812
1	Working area	1800mm*1200mm(option for other working size)
2	Laser path	Fixed laser line path
3	Drive mode	Servo motor+high precision grounded ballscrew
4	Power supply	Three phase 380V±5% 50/60HZ
5	File format	Support PLT,DXF,CF2
6	Laser power	1000Watt-2500Watt(Rofin and other laser source)
8	Location tolerance	±0.03mm
9	Repeat tolerance	<0.03mm
10	Operating mode	Follow-up&CNC
11	Control system	German PA8000 digital laser control system

Features

1. Fixed laser light path cutting mode to guarantee the same cutting gap. Automatically switch from 2 to 3 pt. when it has 2pt and 3pt in the design(Dieboard file).
2. Eight directions optical path compensation to ensure precision.(most Chinese laser only has 3 directions compensation)
3. Good quality and thick enough machine bed to ensure precision after long time use.(some Chinese manufactures only use thin material,after long time use,machine bed will be deformed)
4. Imported high precision grounded ballscrew, high precision hardware, our software increase the screw pitch compensation.
5. The cutting head adopts electronic follow-up to guarantee the same of cutting gap.
6. Independent circuit case and airproof grade IP54 to reduce the damage of circuit from the smoke and dust.
7. Germany digital control system, dedicated control functions of laser cutting to produce high speed, high precision and high stabilization perfect laser cutting gap.
8. Create a less smoke and dust working environment with the strongly smoke and dust control system.