

CUT-151AL

Low frequency 100% duty cycle
220v/380v 151 amp plasma cutter

Industry-leading cutting quality

- Real-time communication with the CNC system, and more precise control of the cutting quality through the data base.
- Increase the current at the moment of piercing and enhance the piercing ability.
- Intelligently control the corner cutting current to improve the quality of corner cutting and avoid over-burning.

We provide a five-year warranty!

- We provide every Misson customer with a five-year warranty for the core components of the power supply. The confidence in quality comes from the dual-module IGBT and excellent heat dissipation system.
- Tower air duct and soft switch technology minimize the power consumption of each cutting.
- The electrical components used in the production process are all from large factories, and the coils are made by hand.

Advanced process control and delivery

- The selection console manages the selection and mixing the plasma gases according to the thickness and material of the cutting plate, and enhance the cutting ability of carbon steel, stainless steel and aluminum. And cutting with oxygen or nitrogen will be better than cutting with air.

Non-HF torch optional

- Non-High Frequency Arc Ignition Technology, Matched With Low
- Frequency Cutting Torch, Perfectly Forms The Anti-Power Interference, The Arc Starting Is More Concentrated.



Current range	150 amps
Mild Steel Cutting Performance	
Recommended cutting capacity	20mm
Torch-Model	MS-151 AL
Torch cooling method	Water-cooled
Piercing capacity	20mm
Input voltage	380V 3 phase

Intelligent water cooling box

- Intelligent temperature controller
- Easy-to-read water level indicator
- Over temperature automatic alarm



Specifications

Model	LGK151AL
Standards of power supply	300~380V/50Hz ±10%
Input power	32.2KVA
Rated output current	151A
Rated output voltage	138V
Rated load sustainability	100.00%
No-load voltage	315VDC
Regulating range of current	30~151A
High quality cutting thickness	1-20mm
Maximum cutting thickness	20mm
Use of plasma gas	Compressed air
Working gas pressure	0.4~0.6MPa
The cooling method of cutting torch	air-cooled
Arc ignition mode	Non contact mode (Low-frequency ignition)
Insulation grade	F