

# CUT-125AL

Low frequency 100% duty cycle  
220v/380v 125amp 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

- 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	125 amps
Mild Steel Cutting Performance	
Recommended cutting capacity	16-18mm
Torch-Model	MS-125AL(LF)
Torch cooling method	air-cooled
Piercing capacity	18mm
Input voltage	380V 3 phase
weight	44KG

Carbon steel cutting ability	120A
Recommended	18mm
Pierce	18mm
Severance	20mm
Stainless steel cutting ability	
Recommended	18mm
Pierce	18mm
Severance	20mm

## Specifications

<b>Model</b>	CUT-125AL
<b>Standards of power supply</b>	300~380v/3 phase 220V /50Hz±10%
<b>input power</b>	22.4KVA
<b>Rated output current</b>	120A(High frequency) /125A(Low frequency)
<b>Rated output voltage</b>	128V
<b>Duty-cycle</b>	100%
<b>No-load voltage</b>	300VDC
<b>Current adjustment range</b>	30-125A
<b>High quality cutting thickness</b>	0.3-18mm
<b>Maximum cutting thickness</b>	18mm
<b>Use of plasma gas</b>	Compressed air
<b>Working gas pressure</b>	0.4~0.6MPa
<b>The cooling method of cutting torch</b>	air-cooled
<b>Arc ignition mode</b>	High frequency/ Low-frequency ignition
<b>Insulation grade</b>	F
<b>NEMA</b>	IP21S
<b>Weight</b>	44kg /49kg(low frequency)
<b>Package weight</b>	47kg /51kkg(low frequency)
<b>Size</b>	680*340*585mm
<b>Package Size</b>	725*350*700mm