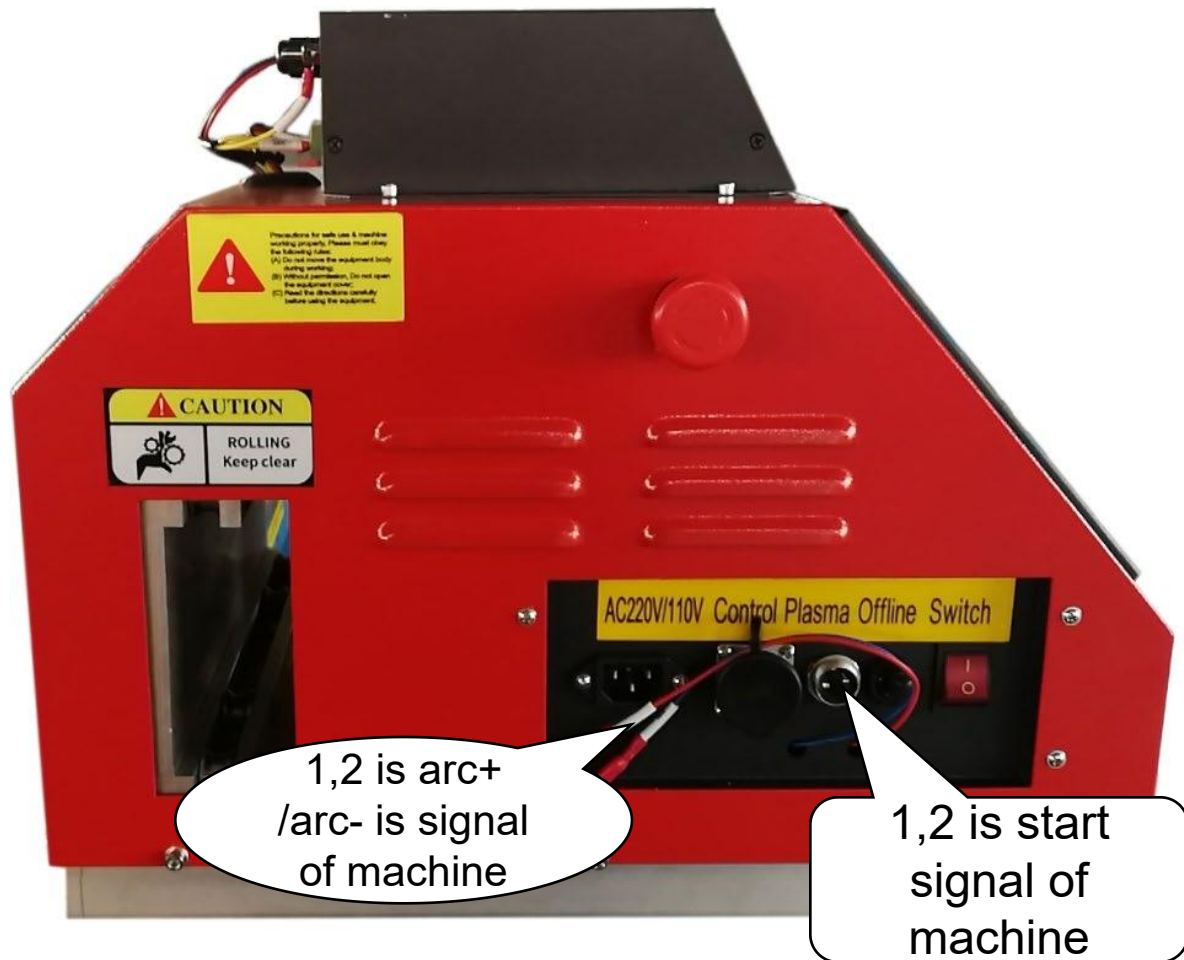


## How to connect Minibee to Misnco 60 105 120 IGBT

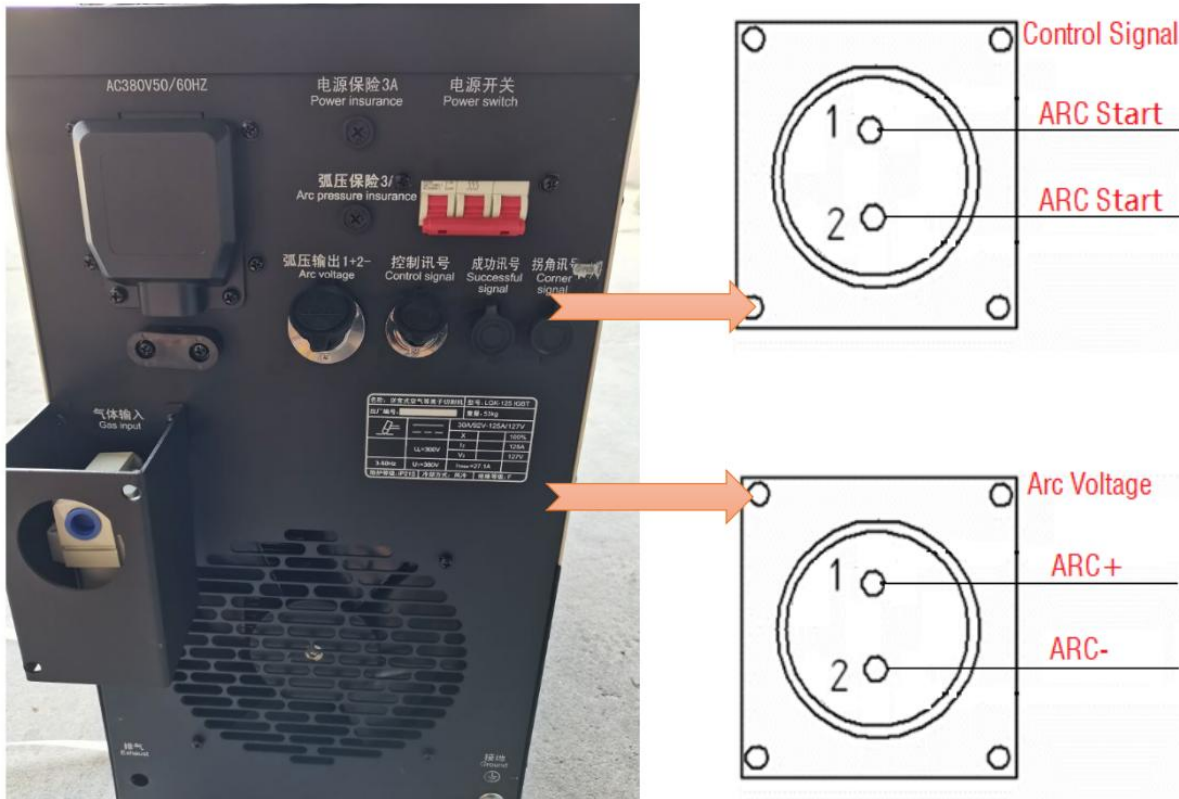
- The Plasma connect to Minibee, 2 cable need to be connected.
- Minibee connect terminal:

	Terminal No.		
Minibee Connect Terminal	START	The CNC plasma arc initiation signal	
	START		
	ARC+	The CNC arc voltage signal	
	ARC-		



## Plasma connect terminal:

Note: The customer needs to connect the power cable according to the actual plasma models;



Refer to the following table when connecting the Misnco 60/105/120 to CNC controller with cable.

Signal	Type	Notes	Connector sockets
ARC Start	Input	The CNC plasma arc initiation signal	1Pin--Control signal
ARC Start			2Pin--Control signal
Successful Signal	Output	Normally open. Dry contact closure when the arc transfers.	1Pin--Successful Signal
			2Pin--Successful Signal
ARC+	Output	Divided arc signal of 1: 1	1Pin-- Arc Voltage
ARC-			2Pin--Arc Voltage

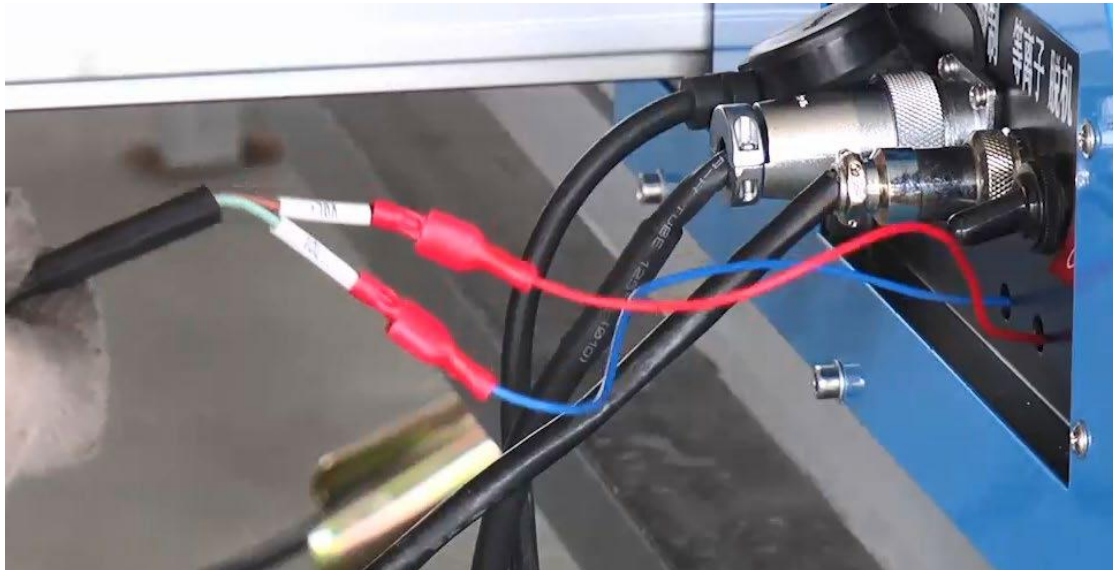
➔ Cable connecting method:

	Terminal No.	Corresponding interface of POWERMAX45 XP	The interface
Minibee CNC machine  connect terminal	START	1Pin--Control signal	Misnco 60/ 105 /120 IGBT
	START	2Pin--Control signal	
	ARC+ Red line	1Pin-- Arc Voltage	
	ARC- Blue line	2Pin--Arc Voltage	

→ Signal connection of arc starting



→ Signal connection of ARC+/ARC





→ Plasma torch has three positions to install, As picture

