How to connect Aricut60/105/120with Voyager/Cruiser-mini

◆ The Aricut60/105/120connect to Voyager/Cruiser-mini, 6 wires need to be connected.

◆ Machine connect terminal:

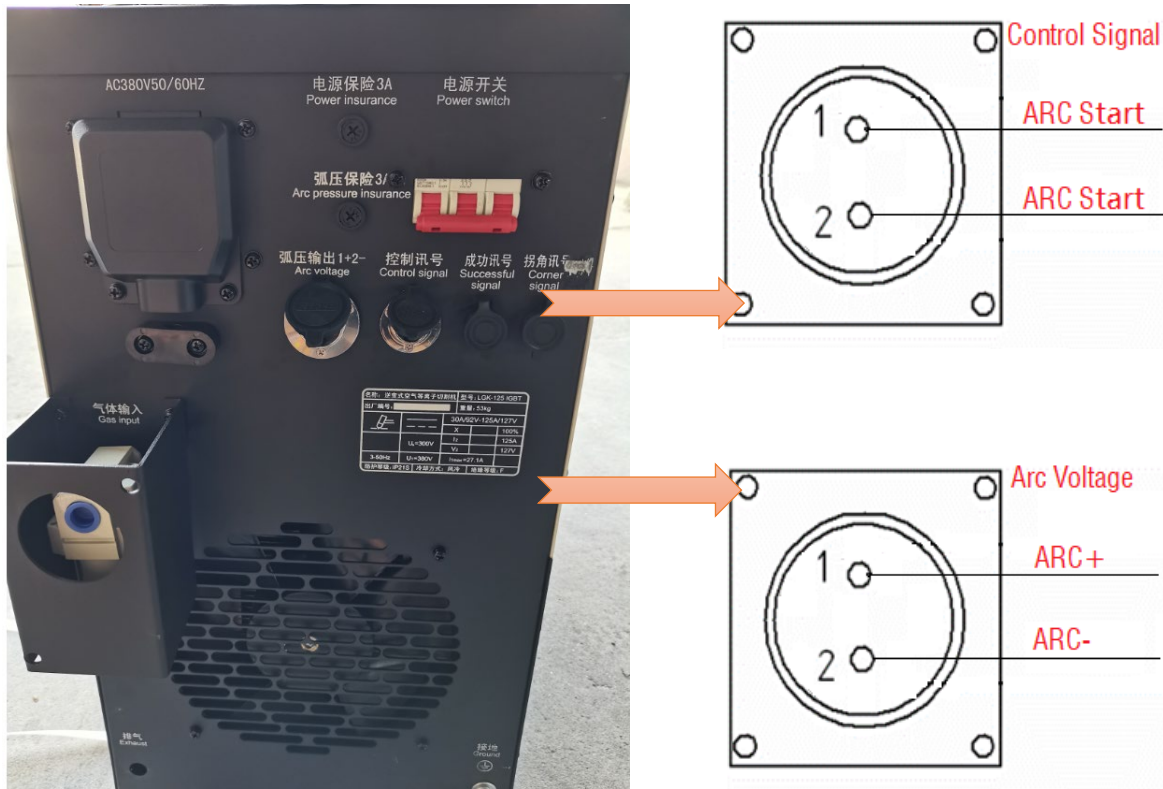| Machine	Aviation plug	Terminal No.	Description
Voyager/Cruiser-mini connect terminal	4-core	START	The CNC plasma arc initiation signal
		START	
		TRANS/FEEDBACK	Notifies the CNC that an arc transfer has occurred
		TRANS/FEEDBACK	
	2-core	ARC+	The CNC arc voltage signal
		ARC-	

◆ **Aricut60/105/120** 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 Aricut60/105/120 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 Aricut60/105/12	The interface position
Voyager/Cruiser-mini connect terminal	START	1Pin--Control signal	Aricut60/105/12 Interface
	START	2Pin--Control signal	
	TRANS/FEEDBACK	1Pin--Successful Signal	
	TRANS/FEEDBACK	2Pin--Successful Signal	
	ARC+	1Pin-- Arc Voltage	
	ARC-	2Pin--Arc Voltage	

◆ Connect the machine to the plasma signal with terminal blocks:

Machine Signal

Plasma Signal