



Multi-functional Pulse MIG Welder

MIG250P (N24901)



- 1. Multi-functions include MIG / Pulse MIG / Lift-TIG / MMA**
- 2. ARM chip control, as well as digital voltage circuit algorithm, enable quick and accurate control of output waveform;**
- 3. Expert database for MIG synergic simplifies welding parameter adjustment;**
- 4. Thickness selection enables self-adaptive welding parameters after thickness being selected;**
- 5. Digital wire feeder drive control enables continuous stable welding and improves wire feeding control during arcing;**
- 6. Closed air duct enables excellent dust prevention and efficient heat dissipation with 40% duty cycle.**



Specification

Model		MIG250P (N24901)
Input voltage		1P-230VAC $\pm$ 15%
MMA current (A)		15~220
Output parameters	MMA hot start current (A)	0~150
	MMA arc-force current (A)	0~150
	Lift TIG (A)	15~250
	MIG (A)	40~250
Duty cycle(40°C)		MIG/TIG: 250A@40%; MMA: 220A@40%
Welding material		Steel / stainless steel / AlSi / AlMg
Welding wire diameter		0.8 / 1.0 / 1.2
No-load voltage (V)		75
Protection grade		IP21S
Cooling method		On-demand air cooling
Dimension(L×W×H) (mm)		895×445×760
Bare machine weight (Kg)		49.7

Multi-functional Pulse MIG Welder



Applications

MIG250P is multi-functional pulse MIG welder

Application:

Applicable in light industry, general fabrication, civil construction, agricultural equipment and maintenance.

Its main welding materials including Al, carbon steel, and stainless steel.

External structure



Strong support for gas cylinder



15Kg spool holder



4 roller wire feeder



Strong base and wheel



Fine front panel



External polarity switching plug enables Gassless FCAW



Auto-detection for spool gun and push-pull torch

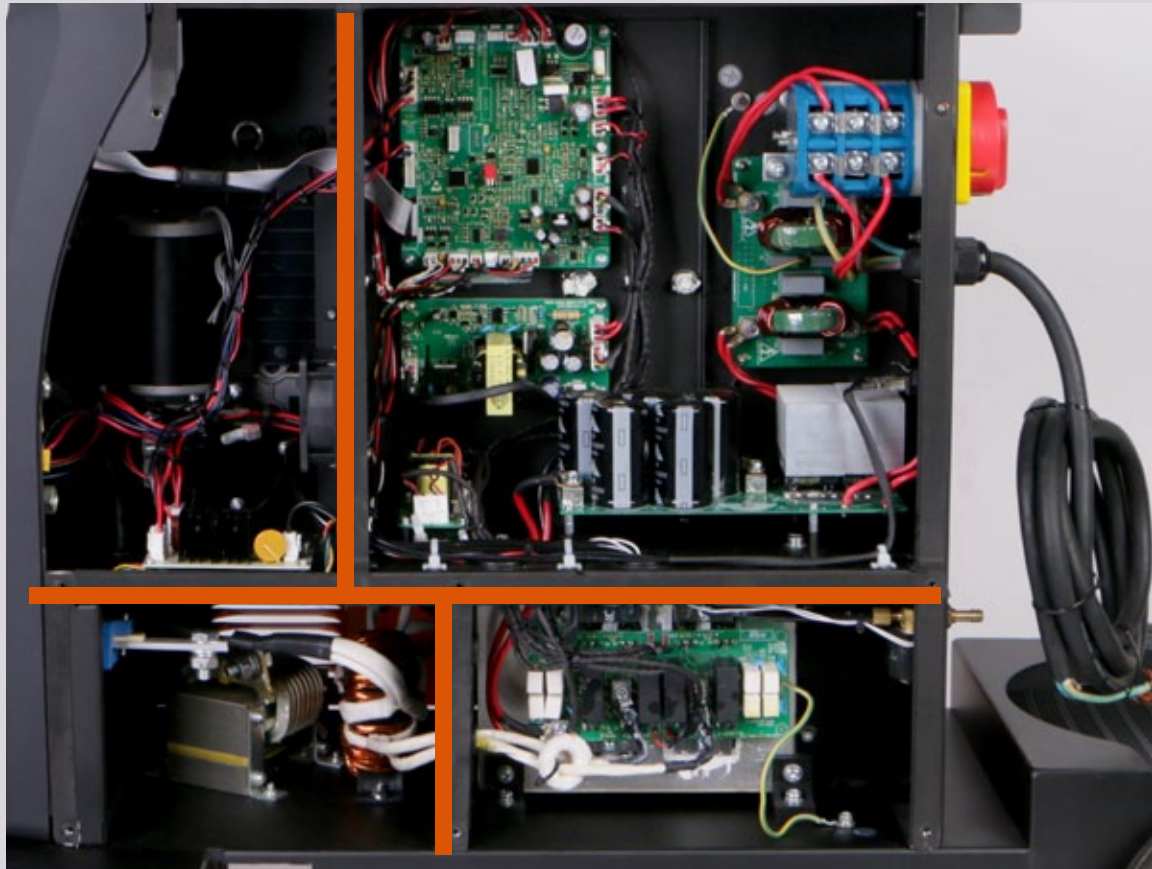


Self-locking caster



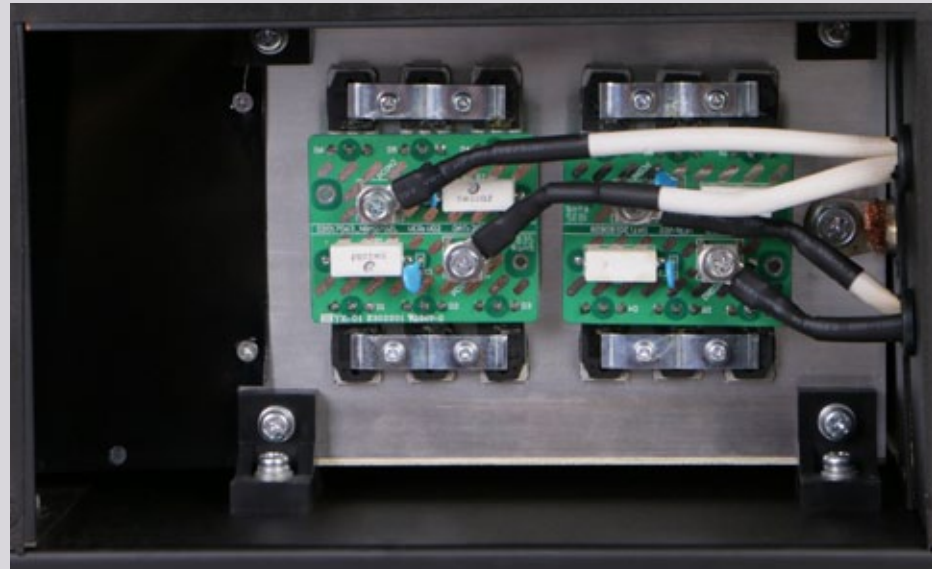
Multi-functional Pulse MIG Welder

Internal structure



1.
**Internal
separate cabin design
facilitates maintenance**

Internal structure



2.

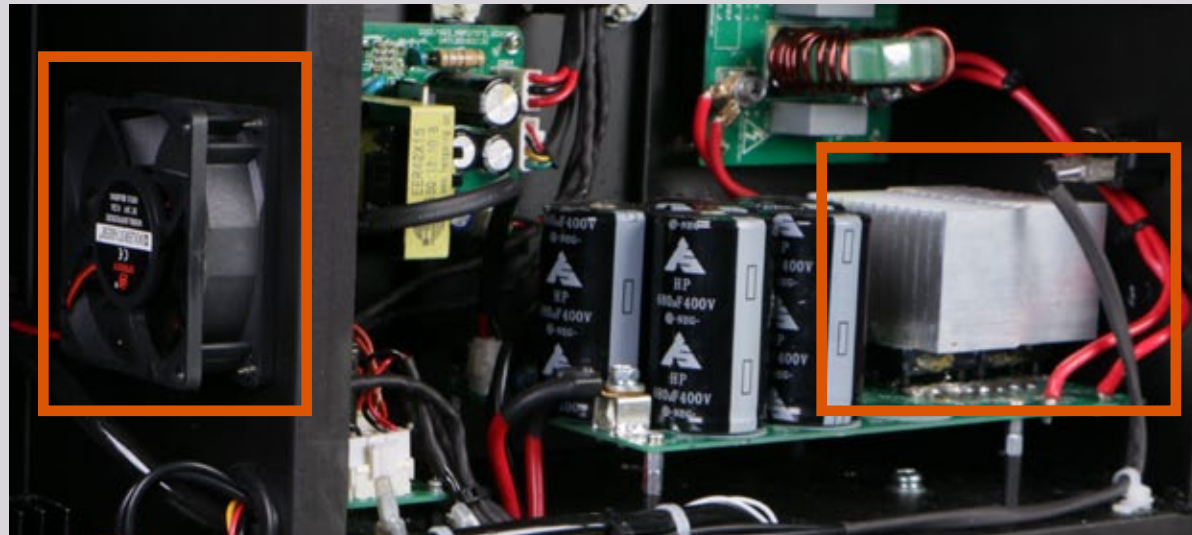
**Air duct separated from
key components cabin enables
effective duct prevention**

Internal structure



3.

**Closed air duct enables
efficient heat dissipation**



4.

**Auxiliary heat dissipation
device ensures reliability of
key components**

Functions

Wire feed speed adjustment
Functions selection

Wire feed speed display
Welding current display
Function code display

Welding voltage display
Board thickness display
Function parameter display

Welding voltage adjustment
Thickness adjustment
Function parameter adjustment

Gas check

Welding mode:
Lift-TIG
MIG
Pulse MIG
MMA

Base metal selection:
Carbon steel
Stainless steel
AlSi
AlMg

Synergic switch

Operation mode of torch

Wire diameter:
0.8
1.0
1.2



Multi-functional Pulse MIG Welder

Menu codes

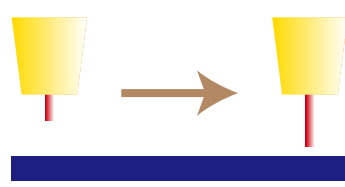
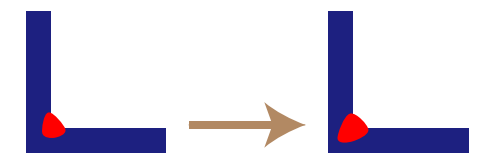
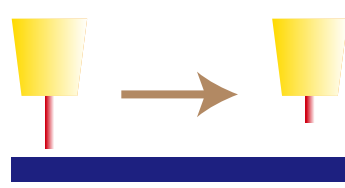
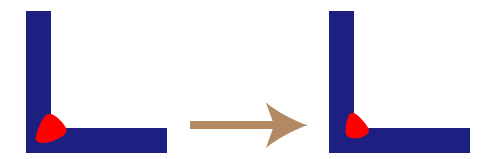
MMA mode	
Function code	Function
S-	Hot Start
F-	Arc-force

DC MIG mode	
Function code	Function
-L-	Electronic inductance
Bt	Burn-back time
Bv	Burn-back voltage
St	Spot time

Pulse MIG mode	
Function code	Function
-L-	Electronic inductance
S-	Spot welding time (Second)

Menu codes

Pulse MIG mode	
Function code	Function
F-	Fine tuning pulse frequency, default synergic value is 0.

Value	Arc length	Penetration
+		
-		

Menu codes

Pulse MIG mode	
Function code	Function
D-	Fine tuning pulse width, default synergic value is 0.

Value	Deposition
+	
-	

Protection

Fault code table		
Fault code	Fault name	Description
E-1	Over-current	Unacceptable welder current or low power voltage
E-2	Overheat	Temperature of welder inverter exceeds working temperature or temperature sensor is disconnected
E-3	Wire feeding failure	Wire feeder drive fails or wire feeding motor fails



Multi-functional Pulse MIG Welder

MIG250P (N2490 I)

SHENZHEN JASIC TECHNOLOGY CO., LTD.