



STAUNCH
MACHINERY
SINCE 1979

STAUNCH MIG/MMA 160 (IGBT)



Function & Features:

Welding Manner: MIG,MMA

Scope of Application: Motor, auto, steel-wood furniture,light steel structure,etc.

Applicable Materials: low carbon steel, high-strength steel etc.

Advanced Technology: Adopt 20KHZ HF full bridge inverter technique, greatly lessen the size and weight of power, energy saving.

Precise Control System: Stable PWM controller & closed-loop control system provides invariable and stable current with precise control.

Excellent Welding Performance:

1- PWM controller with good transient response.

2-Wave from control technology with adjustable inductor(electronic reactor_, arc strength can be adjusted.

3-Multiple functions and specifications, such as increase fusion depth, reduction of spatter, good welding performance.

4-Automated wire feeding reduction at ARC striking.

5- Ball peeling at the arc ending state to provide improved next arc success rate.

6- Perfect Protection System under voltage, over-heat and over-current ,machine is more safe and durable.

7-EMC function, powerful electric network filtering and reduced power supply pollution.

Good anti-interference function provides protection for circuit and stability.

Perfect humanized design: Digital display makes the related data clear, intuitive and high precision in regulating control.

Technical Data

Model	MIG-160
Input Power Voltage (V,HZ)	220 15%V 50/60
No-Load Voltage (V)	47
Rated Input Power Capacity (KVA)	MIG: 4.8/ MMA: 5.8
Output Current Adjustment Range(A)	MIG: 50-100
Output Voltage (V)	MIG: 15-22 / MMA: 20-27
Duty Cycle (%)	60
Power Factor (Cosφ)	0.93
Efficiency (%)	85
Type Of Wire Feeder	inside
Post-Flow(S)	1
Diameter Of Coll (mm)	200
Diameter Of Welding Wire (mm)	0.6/0.8
Measurement (Mm)	480*240*360
Weight (Kg)	18
Adaptable Plate Thickness (mm)	≤ 0.8
Insulation Class	F
Protection Class	IP21S