



Double Pulse Synergic Multi-MIG 250A Welder

HSW-6550

• MIG Welding Modes

Select double-pulse synergic, single pulse synergic, synergic or manual.

• Auto Synergic

Select material type, wire diameter and thickness: Pull trigger for auto gas, speed and current.

• DC TIG Weld Function

DC lift-arc operation with 2T trigger and thumb-wheel current control.

• Stick Electrode Function

Adjustable hot-start, arc force and constant DC current output power.

• Auto Synergic MIG

Select from 42 pre-loaded synergic single-pulse or double-pulse programs and set material thickness to weld.

• Four Roll Feeders

Insures smooth feeding of small diameter and/or soft alloy welding wires.

• Dual Cylinder Cart

Supports mixed and 100% shield gas cylinders with dedicated lines and regulators.

• Triple-Drive MIG Selection

Three guns and wire feed drives for silicone bronze, aluminum & steel MIG welding.

• Intelli-Cool Fan Function

Cooling fans function only when required to conserve energy and limit contaminants.

QUICK SPECS

Automotive & Industrial

- Steel
- Stainless
- Boron
- Aluminum

Processes

- MIG (GMAW)
- TIG (GTAW)
- Stick (MMAW)



INCLUDED

SL15-10R
Silicone Bronze
#1 Red Handle



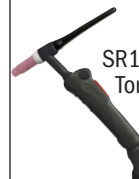
SL25-10G
All Steel Alloys
#3 Green Handle



SL26-10B
Aluminum Alloys
#2 Blue Handle



HSW-7016
SR17 TIG Thumb
Torch ½" Dinse
Connect
12.5'



HSW-7019
SE200 Electrode
Holder ½"
Dinse
Connect
10-Ft.



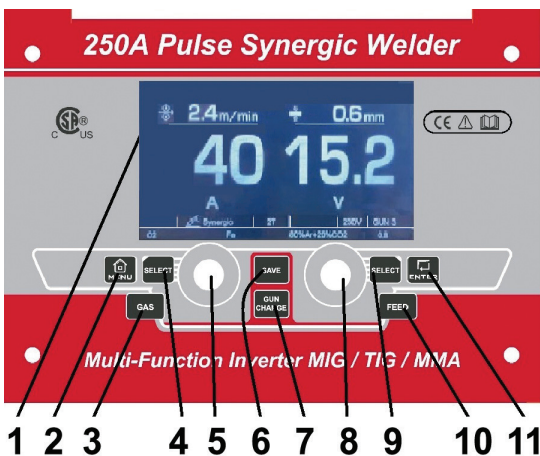
SPECIFICATIONS

Amperage Range	10-250A					
Rated Output	180A at 24VDC, 60% duty cycle 250A at 26.5VDC, 40% duty cycle					
Amps Input (Max)	MODE	208V	230V	277V	KW	Max. Open-Circuit Voltage
	MIG	40A	36A	30A	8.24	84V
	TIG	31A	28A	23A	6.25	12V
	MMA	42A	38A	32A	8.82	94V
Wire Feed Speed	60-940 ipm 1.5-23.9 mpm					
Wire Type & Diameter	Solid/stainless steel: .023-.045 in. (0.6-1.2 mm) Soft/aluminum, Si-Br: .030-.045 in (0.8-1.2 mm)					
Max Spool Size	12" (305 mm) kgs)					
Dimensions	H: 36.5" (927 mm) W: 12.6" (320 mm) D: 41" (1.041 mm)					
Net Weight	172 lbs (78 kgs)					



NOTE: Operating temperature range: -4° to +104°F (-20° to +40° C). Storage temperature range: -22° to +122°F (-30° to 50° C).
Certified by Canadian Standards Association to both the Canadian and U.S. standards.

Control Panel



- 1. Screen:** LCD 7" displays all modes, functions, menus, parameters and settings.
- 2. Menu:** Press to select welding mode, S-programs, parameters, settings & jobs.
- 3. Gas:** Press for shield gas through selected torch to confirm flow and purge.
- 4. L Select:** Press to select menu options displayed when LH parameter knob is rotated.
- 5. LP-Knob:** Rotate parameter knob to adjust output current, wire speed and more.
- 6. Save:** Push to save job, program or parameters selected as displayed on screen.
- 7. Gun Change:** Push to select one of three MIG torches or TIG/MMA outputs.
- 8. RP Knob:** Rotate parameter knob to adjust operator settings, parameters and more.
- 9. R Select:** Press to select menu options displayed when RH parameter knob is rotated.
- 10. Feed:** Press to manually feed wire through torch as selected by Gun Change button.
- 11. Enter:** Confirms all operator settings on display and engages "ready-to-weld" mode.

ACCESSORIES



HSW-7009
TIG Foot Pedal Control
Direct-connect 15-Ft.



HSW-7010
MIG Torch Consumable
Parts Kit 15/25/26



HSW-7020
MIG 226A Spool Gun
Euro-Connect 20-Ft.



HSW-7021
MIG Push-Pull Gun
Euro-Connect 20-Ft.



HSW-7030
Auto-Pro Weld Helmet
9.2" Sq In View 1/1/1/2



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