



STRATA
SUPERIOR WELDING PRODUCTS

MIG ARC TIG **250A**

ADVANCEMIG255C



250A
Max Output (MIG)



5.0mm
Max Electrode Size



15A 230V



250A PFC MIG/ARC/Lift TIG Inverter Welder

- ✓ **IGBT Inverter Technology** - Smooth & stable output, increased reliability, high duty cycle
- ✓ **4 Roll Geared Industrial Wire Feed Unit** - Powerful and smooth wire feed
- ✓ **Digital Microprocessor Control System** - for Superior & Dynamic Arc Characteristics
- ✓ **Active Power Factor Correction** - Increased duty cycle and energy efficiency
- ✓ **Multi voltage input** - will operate with wide range of input voltage, can be used with long ext. leads
- ✓ **Full Colour LCD Control Panel** - Simple and clear display of all parameters
- ✓ **Intelligent synergic system with Save/Recall** - Easily set parameters by material type, wire size and work thickness
- ✓ **Remote Control Spool Gun Connection** - Effective results welding with soft wires such as Aluminium. Suitable for MIG brazing with bronze wires.
- ✓ **Lift TIG operation with down slope and remote current control ability**
- ✓ **Adjustable secondary settings such as pre flow, post flow, burn back and soft start** - Greater control for MIG welding operation
- ✓ **Reversible polarity for gas & gasless MIG welding.**
- ✓ **MIG Waveform (Inductance) Control** - Greater control of the arc for smoother welding results
- ✓ **Lightweight & Compact Design** - Ideal for portable applications
- ✓ **Production tested with 440V** - Extreme stress testing in production for rugged reliability.
- ✓ **Industrial IP23 casing with front panel protection** - Resistant to damage, moisture and corrosion
- ✓ **Intelligent Machine Protection System** - Temperature, voltage and current sensors for increased reliability & safety
- ✓ **Generator Friendly** - Designed to work with generator power supply and protect from power surges.
- ✓ **Quick connect inlet gas fitting** - Tool-less easy connection of gas supply to machine

Description	Details
DIMENSIONS (LxWxH)	680 x 230 x 445mm
WEIGHT	25kg
INPUT POWER SUPPLY	230V AC 15A 50/60Hz
INPUT POWER SUPPLY TOLERANCE	90 - 275V
MAXIMUM INPUT CURRENT	41A
GENERATOR CAPACITY	10kVA
MIG CURRENT OUTPUT	25 - 250A
MIG OUTPUT VOLTAGE	10 - 30V
MMA O/C VOLTAGE	65V
MIG DUTY CYCLE	250A@16% 195A@60% 150A@100%
WIRE FEEDING SPEED	2.4 - 18m/min
MMA CURRENT OUTPUT	10-250A
MMA DUTY CYCLE	250A@13% 180A@60% 140A@100%

Description	Details
MIG DRIVE ROLLERS	0.6 /0.8/0.9/1.0mm V Groove 0.8/0.9/1.0mm Knurled 0.8/1.0mm U Grooved
WELD THICKNESS	13mm
MMA ROD SIZE	1.6 -5.0mm
INSULATION CLASS	IP23
MIG WIRE SPOOL SIZE	D200mm/D300mm 5kg/15kg
POWER EFFICIENCY	80%
POWER FACTOR	0.99
STANDARDS	EN60974-1::2012
WARRANTY	48 Months

Includes:



ADVANCEMIG255C
User guide, specs, videos

LEARN MORE

www.strata.co.nz



MIG Inverter Welder Accessories & consumables

○ Standard ● Optional ☆ Common Consumables

ACCESSORY:		ADVANCEMIG255C
Arc Leads	○	AAL3550
Earth Leads	○	AEL3550
MIG Torch	○	MT240-4E
Argon Regulator	○	GR102AR-2FL
Gas Hose	○	31104
MIG Starter Kit	●	MB24KIT
TIG Torch	●	17374
Spool Gun	●	SP240P
TIG Starter Kit	●	DCKIT
Drive Roller 'V' Groove 0.6 - 0.8mm	○	17835 (x2)
Drive Roller 'V' Groove 0.9 - 1.0mm	○	17836 (x2)
Drive Roller 'V' Groove 1.0 - 1.2mm	-	-
Drive Roller U Groove 0.8 - 1.0mm	●	17841 (x2)
Drive Roller U Groover 1.0 - 1.2mm	-	-
Drive Roller U Groover 1.2 - 1.6mm	●	17842 (x2)
Drive Roller Knurled 0.8 - 0.9mm	○	17838 (x2)
Drive Roller Knurled 1.0 - 1.2mm	●	17839 (x2)
Drive Roller Knurled 1.2 - 1.6mm	●	17840 (x2)
MIG Tips (MMT) 0.6 - 1.6mm	☆	0.6, 0.8, 0.9, 1.0, 1.2, 1.6mm
MIG Shrouds (MCN) 70 = Conical, 71 = Cylindrical	☆	MCN2470, MCN2471
Tip Adaptors (MTA) 81 = M6	☆	MTA481

Automatic Welding Helmets

- ✓ Variable Shade
- ✓ Complete with batteries ready to go
- ✓ Suitable for automotive DIY and industrial use.

WT180	Variable Shade 9-13
WT350	True Colour, 4 Sensor with grind function
SV3000	True Colour, Shade 5 - 13 + Grind Function (MIG/TIG/MMA/Plasma)
SV4000	Panoramic view with auto darkening side panels. Shade 4 - 13 + Grind Function (MIG/TIG/MMA/Plasma)
DW7000XL	True Colour, with grinding visor. Shade 5 - 13 + PRSL Filtration System (MIG/TIG/MMA/Plasma)

Welding Magnets

WT-WMG03	3" Welding Magnet
WT-WMG05	5" Welding Magnet



Chipping Hammer

- ✓ Heavy duty chipping hammer for the trade

WT-SPCH	Spring Handle Chipping Hammer
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Mild Steel MIG Wire - ER70S-6

- ✓ Copper coated MIG wire for general purpose welding of mild steel using CO² or argon based shielding gases.

MW5KG06	5kg Spool - 0.6mm MIG wire (D200)
MW5KG08	5kg Spool - 0.8mm MIG wire (D200)
MW5KG09	5kg Spool - 0.9mm MIG wire (D200)
D300 MW15KG08S	15kg Spool - 0.8mm MIG wire (D300)
D300 MW15KG09S	15kg Spool - 0.9mm MIG wire (D300)
D300 MW15KG10	15kg Spool - 1.0mm MIG wire (D300)
D300 MW15KG12	15kg Spool - 1.2mm MIG wire (D300)



Wire Feeder

39557	Separate Wire Feeder
39558	10M Machine SWF Interconnect Lead

Water Coolers

- ✓ Suitable for AdvanceMIG machines with a water cooled torch set up (not incl.)
- ✓ Induction motor with safety pressure switch.

22109	Industrial Integrated Water Cooler 400V w/ Connection Cable
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Industrial Storage Trolley

22115	Industrial Storage Unit V2
22108	Integrated Industrial Trolley

