



**STRATA**  
SUPERIOR WELDING PRODUCTS

MIG ARC TIG **250A**

**ADVANCEMIG255C**



**250A**  
Max Output (MIG)



**5.0mm**  
Max Electrode Size



**15A**  
230V



\*Available in package version



## 250A PFC MIG/ARC/Lift TIG Inverter Welder

- ✓ Adjustable secondary settings such as pre flow, post flow, burn back and soft start - Greater control for MIG welding operation
- ✓ 4 Roll Geared Industrial Wire Feed Unit - Powerful and smooth wire feed
- ✓ Active Power Factor Correction - Increased duty cycle and energy efficiency
- ✓ Production tested with 440V - Extreme stress testing in production for rugged reliability.
- ✓ Intelligent synergic system with Save/Recall - Easily set parameters by material type, wire size and work thickness
- ✓ 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
- ✓ Remote Control Spool Gun Connection - Effective results welding with soft wires such as Aluminium. Suitable for MIG brazing with bronze wires.
- ✓ IGBT Inverter Technology - Smooth & stable output, increased reliability, high duty cycle
- ✓ Digital Microprocessor Control System - for Superior & Dynamic Arc Characteristics
- ✓ Lift TIG operation with down slope and remote current control ability
- ✓ 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
- ✓ 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%<br>195A@60%<br>150A@100% |
| WIRE FEEDING SPEED           | 2.4 - 18m/min                     |
| MMA CURRENT OUTPUT           | 10-250A                           |
| MMA DUTY CYCLE               | 250A@13%<br>180A@60%<br>140A@100% |

| Description         | Details   |
|---------------------|---|
| MIG DRIVE ROLLERS   | 0.6 /0.8/0.9/1.0mm V Groove<br>0.8/0.9/1.0mm Knurled<br>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:



4m Arc Lead



4m Earth Lead



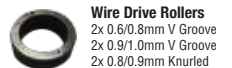
Strata MB24  
4m Mig Torch



Argon Gas  
Regulator  
with Flowmeter



2m QC Gas Hose Kit



Wire Drive Rollers  
2x 0.6/0.8mm V Groove  
2x 0.9/1.0mm V Groove  
2x 0.8/0.9mm Knurled



ADVANCEMIG255C  
User guide, specs, videos

LEARN MORE

[www.strata.co.nz](http://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                                     | ○ | GR102ARFL                      |
| Gas Hose  | ○ | 31104                          |
| MIG Starter Kit                                     | ● | MB24KIT                        |
| TIG Torch   | ● | 17374                          |
| Spool Gun   | ● | SP240P                         |
| TIG Starter Kit                                     | ● | DCKIT                          |
| Drive Roller 'V' Groove<br>0.6 - 0.8mm              | ○ | 17835 (x2)                     |
| Drive Roller 'V' Groove<br>0.9 - 1.0mm              | ○ | 17836 (x2)                     |
| Drive Roller 'V' Groove<br>1.0 - 1.2mm              | - | -                              |
| Drive Roller U Groove<br>0.8 - 1.0mm                | ● | 17841 (x2)                     |
| Drive Roller U Groover<br>1.0 - 1.2mm               | - | -                              |
| Drive Roller U Groover<br>1.2 - 1.6mm               | ● | 17842 (x2)                     |
| Drive Roller Knurled<br>0.8 - 0.9mm                 | ○ | 17838 (x2)                     |
| Drive Roller Knurled<br>1.0 - 1.2mm                 | ● | 17839 (x2)                     |
| Drive Roller Knurled<br>1.2 - 1.6mm                 | ● | 17840 (x2)                     |
| MIG Tips (MMT)<br>0.6 - 1.6mm                       | ☆ | 0.6, 0.8, 0.9, 1.0, 1.2, 1.6mm |
| MIG Shrouds (MCN)<br>70 = Conical, 71 = Cylindrical | ☆ | MCN2470, MCN2471               |
| Tip Adaptors (MTA)<br>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 |
|---------|-------------------------------|



### Mild Steel MIG Wire - ER70S-6

- ✓ Copper coated MIG wire for general purpose welding of mild steel using CO<sup>2</sup> 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) |



### Industrial Storage Trolley

|       |                               |
|-------|-------------------------------|
| 32673 | Integrated Industrial Trolley |
|-------|-------------------------------|



DW7000XL comes with battery powered air respirator.