



**STRATA**  
SUPERIOR WELDING PRODUCTS

MIG ARC **315A**  
**ADVANCEMIG315C**



**315A**  
Max Output (MIG)



**6.0mm**  
Max Electrode Size



**32A 400V**  
THREE-PHASE



AdvanceMIG315C

AdvanceMIG315C Pack



## 315A Three-Phase Compact MIG/ARC Inverter Welder

- ✓ **Powerful 315A high duty cycle in lightweight and compact design** - ideal for portable applications
- ✓ **Integrated Heavy Duty Industrial Trolley and Trolley/Storage Option**
- ✓ **4 Roll Geared Industrial Wire Feed Unit** - Powerful and smooth wire feed
- ✓ **Intelligent digital wire feeder with all MIG controls and display on the wire feeder control panel**
- ✓ **Production tested with 550V** - Extreme stress testing in production for rugged reliability.
- ✓ **Industrial IP23 casing with front panel protection** - Resistant to damage, moisture and corrosion
- ✓ **Remote Control Spool Gun Connection** - Effective results welding with soft wires such as Aluminium. Suitable for MIG brazing with bronze wires (Spool Gun optional).
- ✓ **IGBT Module Inverter Technology** - Smooth & stable output, increased reliability, high duty cycle
- ✓ **Digital microprocessor control system** - For superior & dynamic arc characteristics
- ✓ **MIG Waveform (Inductance) Control** - Greater control of the arc for smoother welding results
- ✓ **Adjustable secondary settings such as pre flow, post flow, burn back and soft start** - Greater control for MIG welding operation
- ✓ **2T/4T Trigger Operation with crater control settings**
- ✓ **Dual digital display meters** - For accurate pre-setting and feedback of welding parameters and output
- ✓ **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.
- ✓ **Reversible polarity MIG welding operation** - suitable for gas and gasless welding.
- ✓ **Quick connect inlet gas fitting**

Description	Details
DIMENSIONS (LxWxH)	680 x 240 x 450mm
WEIGHT	26kg
INPUT POWER SUPPLY	400V AC 32A 3 PHASE 50/60Hz
INPUT POWER SUPPLY TOLERANCE	±20%
MAXIMUM INPUT CURRENT	20A
GENERATOR CAPACITY	17kVA
MIG CURRENT OUTPUT	15 - 315A
MIG OUTPUT VOLTAGE	14.8 - 30V
MMA O/C VOLTAGE	70V
MIG DUTY CYCLE	315A@40% 200A@100%
WIRE FEEDING SPEED	2.4 - 18m/min
MMA CURRENT OUTPUT	10 - 315A
MMA DUTY CYCLE	315A@35% 195A@100%

Description	Details
MIG DRIVE ROLLERS	0.6 /0.8/0.9/1.0/1.2mm V Groove 0.8/0.9/1.0/1.2mm Knurled 0.8/1.0/1.2mm U Grooved
MMA ROD SIZE	2.4 - 6.0mm
INSULATION CLASS	IP23
MIG WIRE SPOOL SIZE	D200mm/D300mm 5kg/15kg
POWER EFFICIENCY	85%
POWER FACTOR	0.7
STANDARDS	EN60974-1:2012
WARRANTY	48 Months

### Includes:



ADVANCEMIG315C  
User guide, specs, videos

LEARN MORE



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# MIG Inverter Welder Accessories & consumables

○ Standard ● Optional ☆ Common Consumables

ACCESSORY:		ADVANCEMIG315C
Arc Leads	○	AAL3550
Earth Leads	○	AEL3550
MIG Torch	○	MT360-4E
Argon Regulator	○	GR102ARFL
Gas Hose	○	GH08
MIG Starter Kit	●	MB36KIT
TIG Torch	●	17374
Spool Gun	●	SP240P
DC 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	☆	MCN3670, MCN3671
Tip Adaptors (MTA) 81 = M6	☆	MTA3681, MTA3682

## 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 CO<sub>2</sub> 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

22115	Industrial Storage Unit V2
22108	Integrated Industrial Trolley

