



**STRATA**  
SUPERIOR WELDING PRODUCTS

MIG ARC **180A**  
**EZIMIG185C**



  
**180A**  
Max Output (MIG)

  
**10mm STEEL**  
Max Weld Thickness

  
**10A**  
230V



## 180A Compact Synergic MIG/ARC Inverter Welder

- ✓ **Lightweight & compact design** - ideal for portable applications
- ✓ **Synergic MIG operation w/ parameter save/recall** - intuitive setting of controls for consistent weld results
- ✓ **MIG Inductance & burnback control** - greater control for MIG welding operation
- ✓ **Adjustable ARC Hot Start & ARC force functions**
- ✓ **Remote Control Spool Gun Connection** - Effective results welding with soft wires such as Aluminium and MIG brazing with bronze wires. (Optional Spool Gun)
- ✓ **Industrial IP23 casing with front panel protection** - Resistant to damage, moisture & corrosion
- ✓ **Reverse polarity MIG welding operation** - suited for gas & gasless mig welding
- ✓ **Production tested with 440V** - Extreme stress testing in production for rugged reliability.
- ✓ **IGBT Inverter Technology** - Smooth & stable output, increased reliability
- ✓ **Lift TIG operation** - for precise & aesthetically important jobs
- ✓ **Dual digital display meters** - accurate pre-setting & feedback of parameters & output
- ✓ **2T/4T/Spot Weld Trigger Control**
- ✓ **Metal chassis wire feeder** - smooth & consistent wire feed
- ✓ **Digital microprocessor control system** - superior & dynamic ARC characteristics
- ✓ **High quality, over-specified components** - offers superior longevity & reliability
- ✓ **Intelligent protection system** - Temp., voltage & current sensors for increased reliability/safety
- ✓ **Generator Friendly** - Designed to work w/ generator power supply & protect from surges
- ✓ **Quick connect inlet gas fitting** - Tool-less easy connection of gas supply to machine

Description	Details
DIMENSIONS (LxWxH)	460 x 190 x 360 mm
WEIGHT	11kg
INPUT POWER SUPPLY	230V AC 10A 50/60Hz
INPUT POWER SUPPLY TOLERANCE	+/- 10%
MAXIMUM INPUT CURRENT	26A
GENERATOR CAPACITY	7KVA
MIG CURRENT OUTPUT	40 - 180A
MIG OUTPUT VOLTAGE	16 - 23V
MIG DUTY CYCLE	180A@15% 130A@60% 100A@100%
WIRE FEEDING SPEED	2 - 15 m/minute
MMA CURRENT OUTPUT	10A - 160A
MMA O/C VOLTAGE	65V

Description	Details
MMA DUTY CYCLE	160A@10% 130A@60% 100A@100%
MIG DRIVE ROLLERS AVAILABLE	V Groove: 0.6/0.8/0.9/1.0mm Knurled: 0.8/0.9mm
MIG WIRE SPOOL SIZE	D200mm / 5KG
WELD THICKNESS	10mm
INSULATION CLASS	IP23
MMA ROD SIZE	1.6 - 3.2mm
POWER EFFICIENCY	85%
POWER FACTOR	0.65
STANDARDS	EN60974-1:2012
WARRANTY	48 Months

### Includes:



**EZIMIG185C**  
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:		EZIMIG185C
Arc Leads	○	AAL3550
Earth Leads	○	AEL3550
MIG Torch	○	MT250-4E
Argon Regulator	○	GR102ARFL
Gas Hose	○	GH08
MIG Starter Kit	●	MB25KIT
DC TIG Starter Kit	●	DCKIT
TIG Torch	●	TW26V-12-2D
Spool Gun	●	SP240P
Drive Roller 'V' Groove 0.6 - 0.8mm	○	TB17270 (x2)
Drive Roller 'V' Groove 0.9 - 1.0mm	○	TB17271 (x2)
Drive Roller 'V' Groove 1.0 - 1.2mm	●	17837 (x2)
Drive Roller Knurled 0.8 - 0.9mm	○	TB17272 (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	☆	MTA2570 MTA2571
Tip Adaptors (MTA) 81 = M6 82 = M8	☆	MTA2581 MTA2582

### 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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### 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)



### 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)

