



**Inverter
Series**

Lightweight & Portable

**FOR ONSITE &
FIELD MAINTENANCE**



Trusted by the best



WIA's Inverter Series

**Weldmatic 200i,
Weldarc 180i &
Weldarc 140i**

The Weldmatic 200i, Weldarc 180i and Weldarc 140i are lightweight and portable, making them ideal for onsite maintenance.



Reliability & Performance

All inverter products are covered with a 2 year unlimited warranty,* covering parts and labour, and supported by an Australia wide service network, so you can be guaranteed you're buying reliability and performance.

*Power Source Only



WELDMATIC 200i

✓ **GASLESS**

✓ **ALUMINIUM**

✓ **MILD STEEL**

Versatile, Portable, Multi-Process Inverter with VRD

- Single phase, multi-process inverter capable of handling MIG, Stick and Lift-TIG processes, plus VRD operates in Stick and Lift-TIG mode.
- With 200A of MIG, 170A of Stick and 200A of Lift-Arc capability, the Weldmatic 200i suits a wide range of applications – from fencing jobs to construction sites.



WELDMATIC 200i - P/N CP137-0

BUILT IN OPERATOR SAFETY

The power source features a built-in thermal protection device that will activate if the machine is operated beyond its safe thermal operating zone.

VRD

Built in VRD delivers added safety when operating in Stick or Lift-TIG mode and meets the requirements of site work. Fully compliant to Australian Standards AS 60974.1 & AS 1674.2 CAT C.

OPTIONAL ACCESSORIES

GAS BOTTLE TROLLEY

P/N AM356

WELDMATIC WORKSHOP

P/N AM357

PORTABLE

At only 13kg, the Weldmatic 200i is lightweight and portable, making it suitable for onsite maintenance.

QUICK & EASY GUN CABLE ASSEMBLY

Supplied with a tradesman quality gun and cable complete with euro connector for easy fitting and removal.

PACKAGE INCLUDES

- > Euro Gun Cable (3m)
- > Work Lead (3m)
- > Industrial Twist Lock Electrode Holder (3m)
- > Gas Regulator
- > Drive Rollers 0.6/0.8mm 'v' groove; 0.9/1.2mm knurled (gasless)
- > Tips (0.6/0.8/0.9/1.2mm)
- > ES6 Sample Wire (0.8mm)

GAS OR GASLESS

Suits gas shielded and gasless flux cored wires. Suits 5kg spool.

EASY SET-UP & ADJUSTMENT

The control panel allows easy selection for gas and wire type, with infinitely variable Voltage and wire speed, indicated on the digital display. A suggested setting chart allows the Weldmatic 200i to be setup quickly and easily.



PRIMARY VOLTAGE	RATED PRIMARY CURRENT	MAX. PRIMARY CURRENT	RECOMMENDED GENERATOR kVA	SUPPLY PLUG
240 Vac -50/60 Hz	14 Amps	36 Amps	10 kVA	15 Amps

RATED OUTPUT @ 40C (10 MIN)	WELDING CURRENT RANGE	WIRE SIZE RANGE (MM)	SHIPPING WEIGHT	MACHINE WEIGHT
200 Amps @ 24.5 Volts 15% 77 Amps @ 17.9 Volts 100%	30 - 200 Amps	0.6 - 0.9 solid 0.8 - 1.2 cored 1.0 aluminium	20kg	13kg



Weldmatic 200i

Part No: CP137-0



✓ **GASLESS** ✓ **ALUMINIUM** ✓ **MILD STEEL**

PACKAGE INCLUDES

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- Work Lead (3m)
- Industrial Twist Lock Electrode Holder (3m)
- Gas Regulator
- Drive Rollers 0.6/0.8mm 'v' groove; 0.9/1.2mm knurled (gasless)
- Tips (0.6/0.8/0.9/1.2mm)
- ES6 Sample Wire (0.8mm)

VERSATILE, PORTABLE, MULTI-PROCESS INVERTER WITH VRD

- > Single phase, multi-process inverter capable of handling MIG, Stick and Lift TIG processes, plus VRD operates in Stick and Lift TIG mode.
- > With 200A of MIG, 170A of Stick and 200A of Lift-Arc capability, the Weldmatic 200i suits a wide range of applications – from fencing jobs to construction sites.

VRD

Built in VRD (Voltage Reduction Device) delivers added safety when operating in Stick or Lift-TIG mode and meets the requirements of site work. Fully compliant to Australian Standards AS 60974.1 & AS1674.2 CAT C.

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At only 13kg, the Weldmatic 200i is lightweight and portable, making it suitable for onsite maintenance.

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BUILT-IN OPERATOR SAFETY

The power source features a built-in thermal protection device that will activate if the machine is operated beyond its safe thermal operating zone.

QUICK & EASY GUN CABLE ASSEMBLY

Supplied with a tradesman quality gun and cable complete with euro connector for easy fitting and removal.

WARRANTY*

With a 2 year unlimited warranty, covering parts and labour, and supported by an Australia wide service network, you can be guaranteed you're buying reliability and performance.

*Power source only.

GAS BOTTLE TROLLEY [OPTIONAL]

P/N AM356.

WELDMATIC WORKSHOP TROLLEY [OPTIONAL]

P/N AM357.



PRIMARY VOLTAGE	RATED PRIMARY CURRENT	MAX. PRIMARY CURRENT	RECOMMENDED GENERATOR kVA	SUPPLY PLUG	RATED OUTPUT @ 40C (10 MIN)	WELDING CURRENT RANGE	WIRE SIZE RANGE (MM)	SHIPPING WEIGHT	MACHINE WEIGHT
240 Vac - 50/60 Hz	14 Amps	36 Amps	10 kVA	15 Amps	200 Amps @ 24.5 Volts 15% 77 Amps @ 17.9 Volts 100%	30 - 200 Amps	0.6 - 0.9 solid 0.8 - 1.2 cored 1.0 aluminium	20kg	13kg





WELDARC 180i

✓ **STICK WELDING**

✓ **TIG WELDING**

Lightweight, Portable Arc & TIG Welder

- > 180 Amp Arc & TIG welder.
- > Compact, lightweight design.
- > Suits 2.0-4.0mm electrodes.
- > 15A 240V AC.
- > Suits long extension leads.
- > Includes padded shoulder strap and carry case.



WELDMATIC 180i - P/N MC103-0

PORTABLE

At only 6.5kg, the Weldarc 180i can go wherever the job takes you, making it ideal for onsite maintenance.

GENERATOR COMPATIBLE

The Weldarc 180i is tolerant to unconditioned power from generators. It has been optimised and tested for compatibility with appropriate portable generators.

BUILT IN OPERATOR SAFETY

The power source features a built-in thermal protection device that will activate if the machine is operated beyond its safe thermal operating zone.

VRD

Built in VRD delivers added safety when operating in Stick or Lift-TIG mode and meets the requirements of site work. Fully compliant to Australian Standards AS 60974.1 & AS 1674.2 CAT C.

ARC FORCE

Built in 'Arc Force', constantly monitors arc Voltage and will boost output if low arc Voltage occurs.

LIFT ARC TIG

Easy to use Lift-Arc starting for TIG welding. Eliminates scratch starting and tungsten electrode damage.

HOT START FOR MANUAL ARC

Built-in 'Hot Start' feature in manual arc mode for even better arc starting.

CELLULOSE ELECTRODES

The combined feature of 'Arc Force', 'Hot Start' and high open circuit Voltage capability allows the use of Cellulose electrodes.

PACKAGE INCLUDES

- > Heavy Duty Work Clamp (2m)
- > Industrial Twist Lock Electrode Holder (3m)
- > Padded Shoulder Strap
- > Carry Case

APPLICATIONS

- > Mine Maintenance
- > Food and Wine
- > Motor Sports Fabrication
- > Shipyards
- > Welding Contractors
- > Rural Workshops

PRIMARY VOLTAGE	RATED PRIMARY CURRENT	MAX. PRIMARY CURRENT	RECOMMENDED GENERATOR kVA	SUPPLY PLUG
240 Vac -50/60 Hz	15 Amps	35 Amps	10 kVA	15 Amps

RATED OUTPUT @ 40C (10 MIN)	WELDING CURRENT RANGE	WIRE SIZE RANGE (MM)	SHIPPING WEIGHT	MACHINE WEIGHT
180 Amps @ 27.2 Volts 18%	20 - 180 Amps	2.5, 3.2 & 4.0	11kg	6.5kg
76 Amps @ 23.2 Volts 100%				



Weldarc 180i

Part No: MC103-0

PORTABILITY FOR ONSITE & FIELD MAINTENANCE.

✓ **STICK WELDING**

✓ **TIG WELDING**

WELDARC 180i KEY FEATURES

- > 180 Amp Arc & TIG welder
- > Compact, lightweight design
- > Suits 2-4.0mm electrodes
- > 15A 240 VAC supply
- > Suits long extension leads
- > Includes padded shoulder strap and carry case

APPLICATIONS

- Mine Maintenance
- Food and Wine
- Motor Sports Fabrication
- Shipyards
- Welding Contractors
- Rural Workshops

PACKAGE INCLUDES

- Heavy Duty Work Clamp (2m)
- Industrial Twist Lock Electrode Holder (3m)
- Padded Shoulder Strap
- Carry Case

VRD

A built in VRD (Voltage Reduction Device) delivers added safety when operating in Stick or Lift-TIG mode and meets the requirements of site work. Fully compliant to Australian Standards AS 60974.1 & AS1674.2 CAT C.

PORTABLE

At only 6.5kg, the Weldarc 180i can go wherever the job takes you, making it ideal for onsite maintenance.

GENERATOR COMPATIBLE

The Weldarc 180i is tolerant to unconditioned power from generators. It has been optimised and tested for compatibility with appropriate portable generators.

BUILT-IN OPERATOR SAFETY

The power source features a built-in thermal protection device that will activate if the machine is operated beyond its safe thermal operating zone.

HOT START FOR MANUAL ARC

Built-in "hot start" feature in manual arc mode for even better arc starting.

ARC FORCE

Built in Arc Force, constantly monitors arc voltage and will boost output if low arc voltage occurs.

CELLULOSE ELECTRODES

The combined feature of "Arc Force", "Hot Start" and high open circuit voltage capability allows the use of Cellulose electrodes.

LIFT ARC TIG START

Easy to use lift arc starting for TIG welding. Eliminates scratch starting and tungsten electrode damage.

WARRANTY*

With a 2 year unlimited warranty, covering parts and labour, and supported by an Australia wide service network, you can be guaranteed you're buying reliability and performance.

*Power source only.



PRIMARY VOLTAGE	RATED PRIMARY CURRENT	MAX. PRIMARY CURRENT	RECOMMENDED GENERATOR kVA	SUPPLY PLUG	RATED OUTPUT @ 40C (10 MIN)	WELDING CURRENT RANGE	ELECTRODE SIZE RANGE (MM)	SHIPPING WEIGHT	MACHINE WEIGHT
240 Vac - 50/60 Hz	15 Amps	35 Amps	10 kVA	15 Amps	180 Amps @ 27.2 Volts 18% 76 Amps @ 23.2 Volts 100%	20 - 180 Amps	2.5 3.2 4.0	11kg	6.5kg





WELDARC 140i

✓ **STICK WELDING**

✓ **TIG WELDING**

✓ **LIFT ARC START**

Lightweight, Portable Arc & TIG Welder

- 140 Amp Arc & TIG welder.
- Compact, lightweight design.
- Suits 2.5-3.2mm electrodes.
- 10A supply plug.
- Suits long extension leads.



WELDMATIC 140i - P/N MC104-0

OPTIONAL VRD

➤ The Weldarc 140i is supplied with the VRD (Voltage Reduction Device) option disabled. If VRD is required, it can be enabled by an authorised WIA Service Agent.

➤ When activated, VRD delivers added safety when operating in Stick mode and meets the requirements of site work. Fully compliant to Australian Standards AS 60974.1 & AS 1674.2 CAT C.

PORTABLE

At only 4.8kg, the Weldarc 140i can go wherever the job takes you, making it ideal for onsite maintenance.

CELLULOSE ELECTRODES

The combined feature of 'Arc Force', 'Hot Start' and high open circuit Voltage capability allows the use of Cellulose electrodes.

BUILT IN OPERATOR SAFETY

The power source features a built-in thermal protection device that will activate if the machine is operated beyond its safe thermal operating zone.

ARC FORCE

Built in 'Arc Force', constantly monitors arc Voltage and will boost output if low arc Voltage occurs.

LIFT ARC TIG

Easy to use Lift-Arc starting for TIG welding. Eliminates scratch starting and tungsten electrode damage.

HOT START FOR MANUAL ARC

Built-in 'Hot Start' feature in manual arc mode for even better arc starting.

GENERATOR COMPATIBLE

The Weldarc 140i is tolerant to unconditioned power from generators. It has been optimised and tested for compatibility with appropriate portable generators.

PACKAGE INCLUDES

- Heavy Duty Work Clamp (2m)
- Industrial Twist Lock Electrode Holder (3m)
- Padded Shoulder Strap

APPLICATIONS

- Mine Maintenance
- Food and Wine
- Motor Sports Fabrication
- Shipyards
- Welding Contractors
- Rural Workshops

PRIMARY VOLTAGE	RATED PRIMARY CURRENT	MAX. PRIMARY CURRENT	RECOMMENDED GENERATOR kVA	SUPPLY PLUG
240 Vac -50/60 Hz	10 Amps	22 Amps	6 kVA	10 Amps

RATED OUTPUT @ 40C (10 MIN)	WELDING CURRENT RANGE	ELECTRODE SIZE RANGE (MM)	SHIPPING WEIGHT	MACHINE WEIGHT
140 Amps @ 25.6 Volts 20%	20 - 140 Amps	2.5 - 3.2	7kg	4.8kg
62 Amps @ 22.5 Volts 100%				



Weldarc 140i

Part No: MC104-0

PORTABILITY FOR ONSITE & FIELD MAINTENANCE.

- ✓ STICK WELDING
- ✓ TIG WELDING
- ✓ LIFT ARC START

WELDARC 140i KEY FEATURES

- > 140 Amp arc & TIG welder
- > Compact, lightweight design
- > Suits 2.5 - 3.2mm electrodes
- > 10A supply plug
- > Suits long extension leads
- > Includes added shoulder strap

OPTIONAL VRD

- > The Weldarc 140i is supplied with the VRD (Voltage Reduction Device) option disabled. If VRD is required, it can be enabled by an authorised WIA Service Agent.
- > When activated, VRD delivers added safety when operating in Stick mode and meets the requirements of site work. Fully compliant to Australian Standards AS 60974.1 & AS1674.2 CAT C.

PORTABLE

At only 4.8kg, the Weldarc 140i can go wherever the job takes you, making it ideal for onsite maintenance.

GENERATOR COMPATIBLE

The Weldarc 140i is tolerant to unconditioned power from generators.

10 AMP PLUG

Comes with a 10 Amp plug to suit common power supply outlets, making on-site maintenance easy and convenient.

BUILT-IN OPERATOR SAFETY

The power source features a built-in thermal protection device that will activate if the machine is operated beyond its safe thermal operating zone.

HOT START FOR MANUAL ARC

Built-in "hot start" feature in manual arc mode for even better arc starting.

ARC FORCE

Built in Arc Force, constantly monitors arc voltage and will boost output if low arc voltage occurs.

CELLULOSE ELECTRODES

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LIFT ARC TIG START

Easy to use lift arc starting for TIG welding. Eliminates scratch starting and tungsten electrode damage.

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PACKAGE INCLUDES

- Heavy Duty Work Clamp (2m)
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PRIMARY VOLTAGE	RATED PRIMARY CURRENT	MAX. PRIMARY CURRENT	RECOMMENDED GENERATOR kVA	SUPPLY PLUG	RATED OUTPUT @ 40C (10 MIN)	WELDING CURRENT RANGE	ELECTRODE SIZE RANGE (MM)	SHIPPING INFO	MACHINE WEIGHT
240 Vac - 50/60 Hz	10 Amps	22 Amps	6 kVA	10 Amps	140 Amps @ 25.6 Volts 20% 62 Amps @ 22.5 Volts 100%	20 - 140 Amps	2.5 - 3.2	7kg H: 320mm W: 220mm L: 440mm	4.8kg