

WIA

Light Industrial Welding Range

2023



WELD WITH THE BEST.

WELDWELL.CO.NZ





NEXT GENERATION WELDERS

**New Look.
New Technology.
New Standard of
Performance.**

More robust, up to date technology and a fresh new look –
The new WIA equipment range has had more than a just face lift.

From the exterior design to individual machine components,
everything has been carefully developed to ensure each machine
delivers on usability, reliability and performance.

With 3 years warranty on all products, the new WIA range offers
better than ever reliability and the best back-up service around.





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WELDING MACHINES

**No matter your industry
we have you covered.**

From maintenance, rural, construction to medium and heavy
fabrication applications.

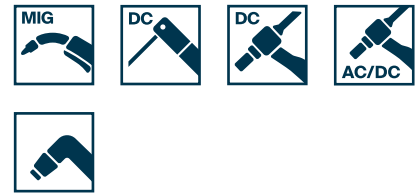


CHOOSE THE RIGHT WIA WELDING MACHINE FOR YOU.

Here's a few things to
consider to help you
make the right choice.

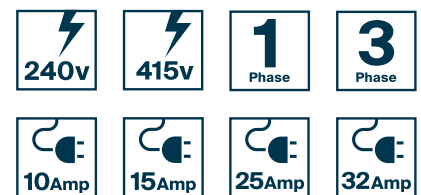
1. Process

From MIG, Stick, DC TIG, AC TIG, Plasma Cutting and more – select a machine that is capable of the process you’ll need it for.



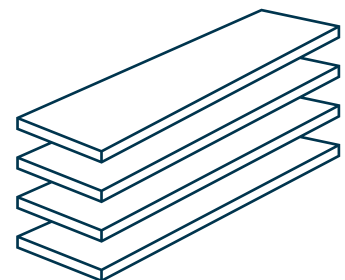
2. Plug

10 Amp, 15 Amp, 25 Amp, 32 Amp, single phase (240 V) or 3 phase (415 V) – make sure the machine suits the power supply you’ll have access to.



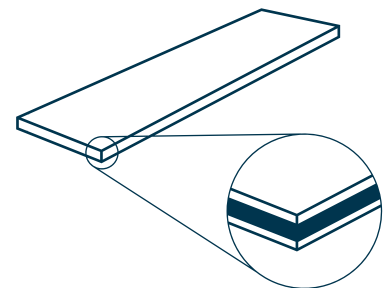
3. Material

Steel, stainless steel to aluminium – check the machine is suitable for the material you’re working with.



4. Metal Thickness

Thin gauge, 6, 8, 10, 12mm or 12mm plus – choose a machine that is suitable for the metal thickness you’re working with.

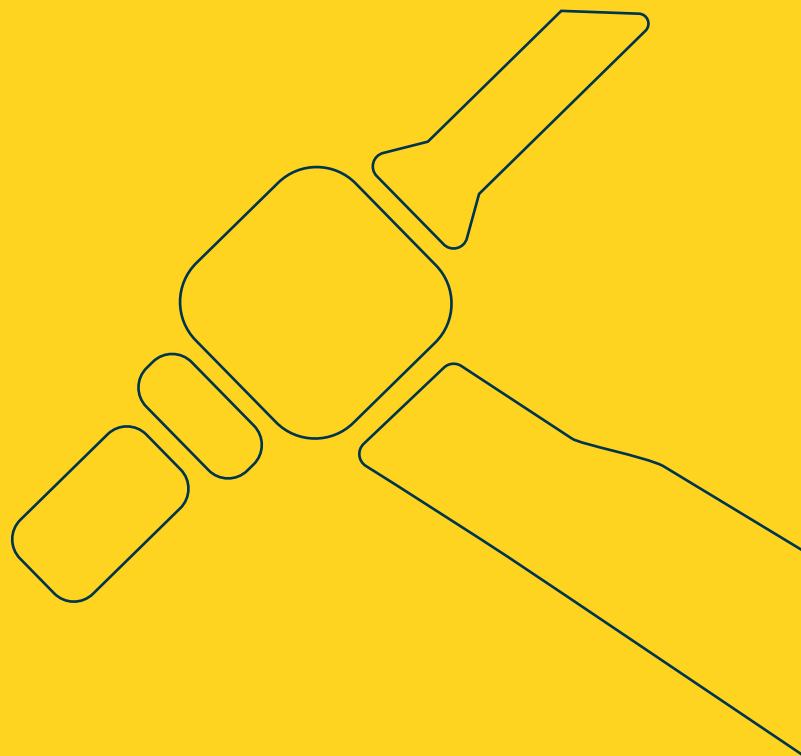




MULTI-PROCESS

Inverter welders

MIG, Stick or TIG weld with ease,
with one single machine.



SPECIFICATIONS

	WELDMATIC 180	WELDMATIC 200	WELDMATIC 200+	WELDMATIC 250	WELDMATIC 350	WELDMATIC 500
INPUT POWER	240 V Single Phase	240 V Single Phase	240 V Single Phase	240 V Single Phase	415 V Three Phase	415 V Three Phase
RATED PRIMARY CURRENT	10 Amps	14 Amps	13.4 Amps	19.2 Amps	20 Amps	32 Amps
OUTPUT	180 A at 23 V, 10% Duty Cycle	200 A at 24 V, 15% Duty Cycle	200 A at 24 V, 15% Duty Cycle	250 A at 26.5 V, 20% Duty Cycle	350 A at 31.5 V, 60% Duty Cycle	500 A at 39 V, 60% Duty Cycle
	57 A at 16.9 V, 100% Duty Cycle	77 A at 17.9 V, 100% Duty Cycle	77 A at 17.9 V, 100% Duty Cycle	112 A at 19.6 V, 100% Duty Cycle	271 A at 27.6 V, 100% Duty Cycle	387 A at 33.4 V, 100% Duty Cycle
THICKNESS						
THIN GAUGE	✓	✓	✓	✓	✓	✓
6MM	✓	✓	✓	✓	✓	✓
8MM		✓	✓	✓	✓	✓
10MM				✓	✓	✓
12MM					✓	✓
MULTI-PASS 12MM PLUS					✓	✓
MATERIALS TO BE WELDED						
STEEL	✓	✓	✓	✓	✓	✓
STAINLESS STEEL	✓	✓	✓	✓	✓	✓
ALUMINIUM	✓	✓	✓	✓	✓	✓
APPLICATIONS						
	Light Fabrication Repair and Maintenance Automotive Farming Building and Construction	Light to Medium Fabrication Repair and Maintenance Automotive Farming Building and Construction	Light to Medium Fabrication Repair and Maintenance Automotive Farming Building and Construction	Light to Medium Fabrication Repair and Maintenance Automotive Farming Building and Construction	Medium to Heavy Fabrication	Medium to Heavy Fabrication
PROCESSES						
BEST FOR	MIG Gas-Shielded, MIG Gasless	MIG Gas-Shielded, MIG Gasless	MIG Gas-Shielded, MIG Gasless	MIG Gas-Shielded, MIG Gasless	MIG Gas-Shielded, MIG Gasless	MIG Gas-Shielded, MIG Gasless
ALSO SUITABLE FOR	DC Stick, DC TIG	DC Stick, DC TIG	DC Stick, DC TIG	DC Stick, DC TIG	DC Stick, DC TIG	DC Stick, DC TIG

MULTI-PROCESS | MIG, STICK, TIG



WELDMATIC® 180

P/N: CP141-1

Portable and easy to power with a 10A plug. Outstanding welding performance.

● Beginner ● Intermediate

Light Fabrication

Repair and Maintenance

Automotive

Farming

Building and Construction



- 180 A single phase MIG, Stick & TIG welder
- 180 A at 23 V 10% Duty Cycle
- IP23S safety rating
- Portable – Only 11kg
- Integrated wire feeder – Suits 1kg and 5kg spools
- Welds up to 6mm steel, stainless steel or aluminium
- Suits gas-shielded and gasless flux-cored wires
- VRD (Voltage Reduction Device)
- Generator compatible – 10 kVa Peak



WELDMATIC® 200

P/N: CP150-1

A portable and compact welder with digital meters for an easy set up.

● Intermediate ● Professional

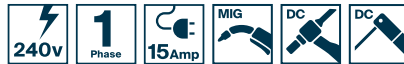
Light to Medium Fabrication

Repair and Maintenance

Automotive

Farming

Building and Construction



- 200 A single phase MIG, Stick & TIG welder
- 200 A at 24 V 15% Duty Cycle
- IP21S safety rating
- Portable – Only 15kg
- Integrated wire feeder – Suits 1kg and 5kg spools
- Welds up to 8mm steel, stainless steel or aluminium
- Suits gas-shielded and gasless flux-cored wires
- VRD
- Generator compatible – 12 kVa Peak



WELDMATIC® 200+

P/N: CP142-1

A portable and compact welder featuring a new LCD digital interface with pre-set modes for easy set up.

● Intermediate ● Professional

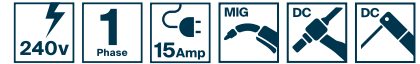
Light to Medium Fabrication

Repair and Maintenance

Automotive

Farming

Building and Construction



- 200 A single phase MIG, Stick & TIG welder
- 200 A at 24 V 15% Duty Cycle
- IP23S safety rating
- Portable – Only 17kg
- Integrated wire feeder – Suits 1kg and 5kg spools
- Welds up to 8mm steel, stainless steel or aluminium
- Suits gas-shielded and gasless flux-cored wires
- VRD
- Generator compatible – 8.3 kVa Peak

3YEAR
WARRANTY

3YEAR
WARRANTY

3YEAR
WARRANTY



WELDMATIC® (250)

P/N: CP143-1

Features a new LCD digital interface plus a built-in wire feeder with 15kg spool capacity for greater flexibility.

● Intermediate ● Professional

Light to Medium Fabrication

Repair and Maintenance

Automotive

Farming

Building and Construction



- 250 A single phase MIG, Stick & TIG welder
- 250 A at 26.5 V 20% Duty Cycle
- IP21S safety rating
- 37kg. Comes with 2 handles for a two person lift.
- Integrated wire feeder – Suits 5kg and 15kg spools
- Welds up to 10mm steel, stainless steel or aluminium
- Suits gas-shielded and gasless flux-cored wires
- VRD
- Generator compatible – 14 kVa Peak

*For full rated output, a 20 A plug & supply is required with a 25 A circuit breaker.

3 YEAR WARRANTY



WELDMATIC® (350)

P/N: CP144-1

Packed with Power. A complete welding package for industrial applications.

● Professional

Medium to Heavy Fabrication



- 350 A three phase MIG, Stick & TIG welder
- 350 A at 31.5 V 60% Duty Cycle
- IP21S safety rating
- 97kg (power source, wire feeder and accessories)
- Packaged with a 4 roll drive wire feeder, 10m interconnecting lead kit and trolley with drawer
- Welds 12mm+ steel, stainless steel or aluminium
- Suits 5kg and 15kg spools
- Suits gas-shielded and gasless flux-cored wires
- VRD
- Generator compatible – 25 kVa Peak

3 YEAR WARRANTY



WELDMATIC® (500)

P/N: CP145-1

The most powerful WIA package. Best for industrial fabrication.

● Professional

Medium to Heavy Fabrication



- 500 A three phase MIG, Stick & TIG welder
- 500 A at 39 V 60% Duty Cycle
- IP21S safety rating
- 105kg (power source, wire feeder and accessories)
- Packaged with a 4 roll drive wire feeder, 10m interconnecting lead kit and trolley with drawer
- Welds 12mm+ steel, stainless steel or aluminium
- Suits 5kg and 15kg spools
- Suits gas-shielded and gasless flux-cored wires
- VRD
- Generator compatible – 35 kVa Peak

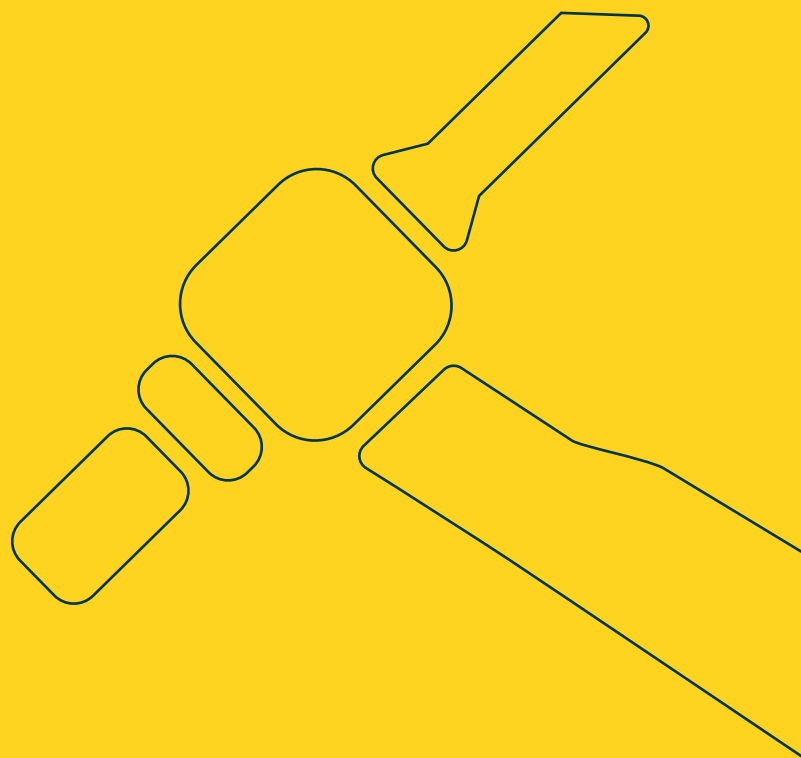
3 YEAR WARRANTY



STICK & TIG

Inverter welders

Flexible, reliable and portable welders that provide results that are hard to beat.



SPECIFICATIONS

	WELDARC 135	WELDARC 145	WELDARC 185	WELDARC 200 DC	WELDARC 200 AC/DC
INPUT POWER	240 V Single Phase	240 V Single Phase	240 V Single Phase	240 V Single Phase	240 V Single Phase
RATED PRIMARY CURRENT	9.9 Amps	8.5 Amps	12.5 Amps	14 Amps	12 Amps
OUTPUT	135 A at 25.4 V, 20% Duty Cycle	145 A at 25.8 V, 20% Duty Cycle	185 A at 27.4 V, 25% Duty Cycle	200 A at 18 V, 30% Duty Cycle	200 A at 18 V, 30% Duty Cycle
	60 A at 22.4 V, 100% Duty Cycle	56 A at 22.2 V, 100% Duty Cycle	92 A at 23.7 V, 100% Duty Cycle	110 A at 14.4 V, 100% Duty Cycle	110 A at 14.4 V, 100% Duty Cycle
THICKNESS					
THIN GAUGE	✓	✓	✓	✓	✓ AC/DC TIG
6MM	✓	✓	✓	✓	✓ AC/DC TIG
8MM		✓	✓	✓	✓ AC/DC TIG
10MM			✓	✓	✓ DC TIG
MATERIALS TO BE WELDED					
STEEL	✓	✓	✓	✓	✓
STAINLESS STEEL	✓	✓	✓	✓	✓
ALUMINIUM					✓
CAST IRON	✓	✓	✓		
COPPER					✓
COPPER ALLOYS					✓
TITANIUM AND MAGNESIUM ALLOYS					✓
APPLICATIONS					
	Repair and Maintenance Farming DIY Projects	Light Fabrication Repair and Maintenance Farming Building and Construction	Light Fabrication Repair and Maintenance Farming Building and Construction	Repair and Maintenance Stainless Steel Fabrication Motor Sport Fabrication Food and Wine	Repair and Maintenance Aluminium Boat Fabrication Motor Sport Fabrication
PROCESSES					
BEST FOR	DC Stick	DC Stick	DC Stick	DC TIG	AC TIG
ALSO SUITABLE FOR		DC TIG	DC TIG	DC Stick	DC TIG, DC Stick

STICK & TIG



WELDARC® 135

P/N: MC110-0

Transportable, easy to use and welds with ease. Perfect if you're just starting out.

● Beginner

Repair and Maintenance

Farming

DIY Projects



- 135 A single phase Stick welder
- 135 A at 25.4 V 20% Duty Cycle
- IP21S safety rating
- In-built Arc Force
- In-built Hot Start
- Portable – Only 4kg (comes with a shoulder strap)
- Suits 2.0 – 3.2mm electrodes
- VRD
- Generator compatible: 7 kVa Peak



WELDARC® 145

P/N: MC111-0

Easy to pick up and pack up. It goes where you go.

● Beginner ● Intermediate

Light Fabrication

Repair and Maintenance

Farming

Building and Construction



- 145 A single phase Stick & TIG welder
- 145 A at 25.8 V 20% Duty Cycle
- IP23S safety rating
- Adjustable Arc Force
- Adjustable Hot Start
- Portable – Only 7kg (comes with a shoulder strap and carry case)
- DC Lift Arc TIG Start
- Digital meters
- Power Factor Correction
- Suits 2.0 – 3.2mm electrodes
- VRD
- Generator compatible: 4.6 kVa Peak



WELDARC® 185

P/N: MC112-0

Lightweight yet robust, the 185 can easily be transported from the workshop to on-site.

● Intermediate

Light Fabrication

Repair and Maintenance

Farming

Building and Construction



- 185 A single phase Stick & TIG welder
- 185 A at 27.4 V 25% Duty Cycle
- IP23S safety rating
- Adjustable Arc Force
- Adjustable Hot Start
- Portable – Only 8kg (comes with a shoulder strap and carry case)
- DC Lift Arc TIG Start
- Digital meters
- Power Factor Correction
- Suits 2.0 – 4.0mm electrodes
- VRD
- Generator compatible: 6 kVa Peak

3 YEAR
WARRANTY

3 YEAR
WARRANTY

3 YEAR
WARRANTY



WELDARC® (200DC)

P/N: MC113-0

For precision DC TIG welding of steel, copper and titanium.

● Intermediate ● Professional

Repair and Maintenance

Stainless Steel Fabrication

Motor Sport Fabrication

Food and Wine



- 200 A single phase Stick & TIG welder
- 200 A at 18 V 30% Duty Cycle
- IP23S safety rating
- Portable – Only 12kg
- Welds up to 8mm steel
- Packaged with an 8m TIG torch
- HF Start
- Adjustable pulse mode
- Power Factor Correction
- VRD
- Generator compatible: 6 kVa Peak

3 YEAR
WARRANTY



WELDARC® (200AC/DC)

P/N: MC114-0

AC TIG weld aluminium with ease. Features new LCD interface technology.

● Intermediate ● Professional

Repair and Maintenance

Aluminium Boat Fabrication

Motor Sport Fabrication



- 200 A single phase Stick & TIG welder
- 200 A at 18 V 30% Duty Cycle
- IP21S safety rating
- Portable – Only 17kg
- AC TIG for aluminium
- Welds up to 8mm aluminium or steel
- Packaged with an 8m TIG torch
- HF Start
- Adjustable pulse mode
- Power Factor Correction
- VRD
- Generator compatible: 5 kVa Peak

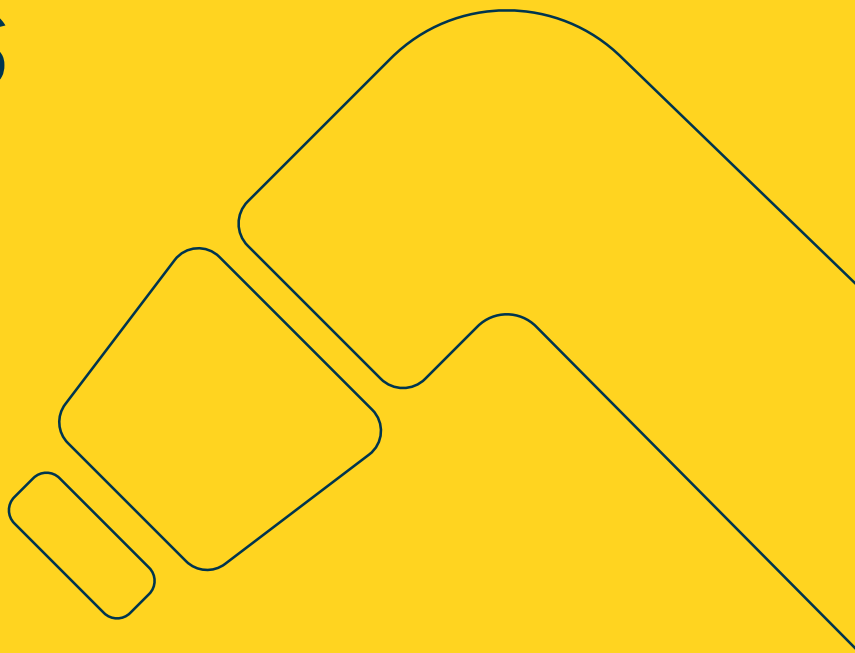
3 YEAR
WARRANTY



PLASMA CUTTERS

Ready. Set. Cut.

From the workshop to on-site WIA plasma cutters offer precise and effortless cutting.





CUTMATIC® 45

P/N: MC115-0

Effortlessly clean cuts up to 16mm and sever cuts up to 20mm.

Beginner Intermediate

- General Fabrication
- On-Site Maintenance
- Automotive Repair

240v

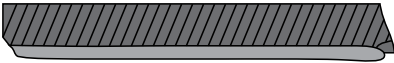
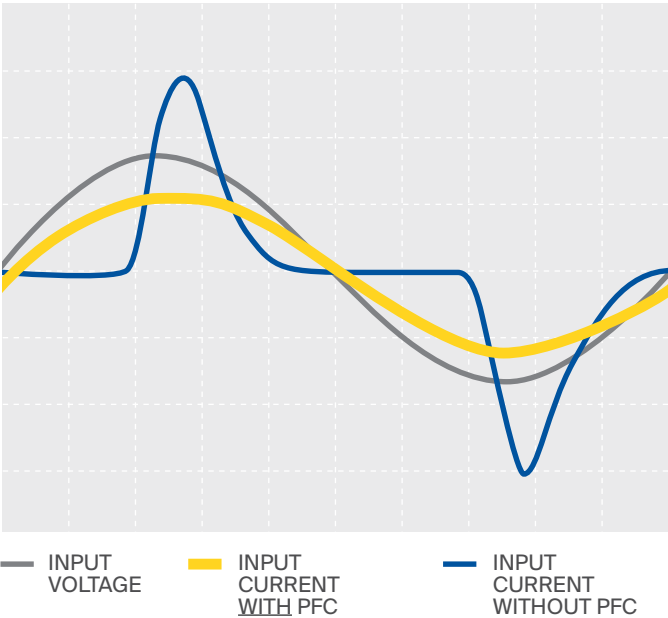
15Amp

1 Phase

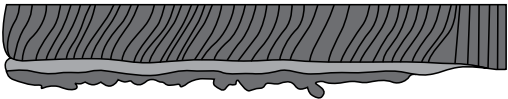
IP21S Protection Rating

- Clean cut 16mm
- Sever cut 20mm
- IP21S safety rating
- Cuts steel, stainless steel, aluminium copper and cast iron
- Portable - Only 11kg
- Power Factor Correction
- Plasma Torch with Pilot Arc Start (6m)
- Water and Air Filter - Removes water in the air. Increases torch tip life
- Generator compatible - 6 kVa Peak

Power Factor Correction



Clean Cut



Sever Cut

Material	Clean Thickness	Sever Thickness
Steel	16	20
Stainless Steel	12	16
Aluminium	10	12

3 YEAR WARRANTY

PAIR IT WITH
WIA OpticFX
Cutting Guide
Circle Cutting Attachment Kit



WIA

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