Light Industrial Welding Range

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200iDC

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lt's all in the detail.

WE LOOK AT EVERYTHING BEFORE WE INTRODUCE A PRODUCT TO THE MARKET.

From the quality of the components, to the durability and reliability of the machine, to the finish of the build – we look at everything.

When it comes to performance, the testing is extensive both in house and in the field – the functionality, ease of use, weld quality – all of it. We gather feedback, make modifications, then test until we're confident it's market ready.

From equipment, to filler metals and safety, the WIA process is the same.

We do all of this and offer an Australia-wide service network, so that you're guaranteed the reliability and performance you need to get the job done.





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Equipment

NO MATTER YOUR INDUSTRY WE HAVE YOU COVERED.

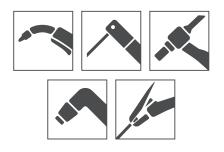
From maintenance, rural, construction to medium and heavy fabrication applications.



WELDING EQUIPMENT

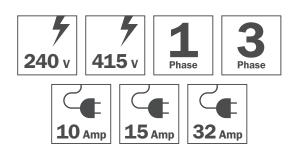
Choose the right WIA welding machine for you.

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



1. PROCESS

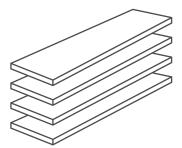
MIG, Stick, DC TIG, AC TIG, Arc Air Gouging or Plasma – pick a machine that is capable of the process you'll need it for.



2.

PLUG

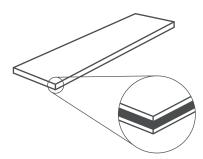
10 Amp, 15 Amp, 32 Amp, 1 phase (240 V) or 3 phase (415 V) – make sure the machine suits the power supply you'll have access to.



3.

MATERIAL

Mild steel, stainless to aluminium – check the machine can weld the material you're working with.



4. METAL THICKNESS

6, 8, 10, 12mm or 12mm plus – choose a machine that can weld the metal thickness you're working with.

Multi-Process

INVERTER WELDERS

Featuring the latest inverter technology, WIA multi-process welders will let you MIG, Stick or TIG weld with ease, with one single machine.



	WELDMATIC 200i	WELDMATIC 250i	WELDMATIC 350i	WELDMATIC 500i
INPUT POWER	240 V Single Phase	240 V Single Phase	415 V Three Phase	415 V Three Phase
RATED PRIMARY CURRENT	14 Amps	21 Amps	20 Amps	29 Amps
OUTPUT	200 A at 24.5 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
THICKNESS				
THIN GAUGE	~	\checkmark	~	\checkmark
6MM	~	\checkmark	~	\checkmark
8MM	~	\checkmark	~	~
10MM		\checkmark	~	~
12MM			\checkmark	~
MULTI-PASS 12MM PLUS			\checkmark	~
MATERIALS TO BE WELDED				
STEEL	\checkmark	~	\checkmark	✓
STAINLESS STEEL	\checkmark	4	\checkmark	v
ALUMINIUM	~	\checkmark	\checkmark	~
APPLICATIONS	Light Fabrication, Construction, Maintenance, Rural, Automotive	Light Fabrication, Construction, Maintenance, Rural, Automotive	Medium to Heavy Fabrication, Industrial Fabrication	Medium to Heavy Fabrication, Industrial Fabrication
PROCESSES				
BEST FOR	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, Arc Air Gouging	DC Stick, DC TIG, Arc Air Gouging

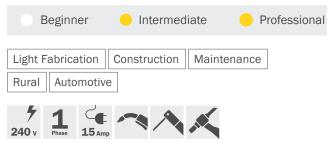




Weldmatic 200i

P/N: CP137-0

A portable, compact welder that easily transports from the workshop to on-site.



- > 200 A single phase welder
- > Integrated wirefeeder
- > Welds up to 8mm steel, stainless steel or aluminium
- > Suits 1kg and 5kg spools
- > Suits gas-shielded and gasless flux-cored wires
- > Generator compatible recommended 10 kVA
- > IP rating: IP21S
- > Portable at 13kg
- > 200 A at 24.5 V, 15% Duty Cycle









Weldmatic 250i

P/N: CP138-1

Features a built-in wirefeeder with a 15kg spool capacity for greater flexibility.

Beginner	Intermediate	Professional
Light Fabrication	Maintenance Rural	
Construction Au	tomotive	
7 1 1 240 v Phase 15 Am		

- > 250 A single phase welder
- > Integrated wirefeeder
- > Welds up to 10mm steel, stainless steel or aluminium
- > Suits 5kg and 15kg spools
- > Suits gas-shielded and gasless flux-cored wires
- > Generator compatible recommended 13 kVA
- > IP rating: IP21S
- > Portable at 25.5kg
- > 250 A at 26.5 V, 20% Duty Cycle

 $\star {\rm For}$ full rated output, a 20 A plug & supply is required with a 25 A circuit breaker.

PAIR IT WITH





Austmig ES6, WIA Trolley with Drawer





Weldmatic 350i

P/N: CP139-1

A complete welding package for industrial jobs.

🕘 Beginner 🔹 Intermediate 🥚 Professional				
Medium/Heavy Fabrication Industrial Fabrication				
415 v Phase 32 Amp Amage Amage <t< td=""></t<>				
> 350 A three phase multi-process welder				
Capable of Arc Air Gouging				
> Packaged with a W66 4 roll drive wirefeeder, 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 				
> Generator compatible – recommended 15 kVA				
> IP rating: IP21S				

- > 93kg
- > 350 A at 31.5 V, 60% Duty Cycle







P/N: CP140-1

The most powerful WIA package. Best for industrial fabrication.

Beginner Intermediate Professional				
Medium/Heavy Fabrication Industrial Fabrication				
415 ν Phase 32 Amp				
> 500 A three phase multi-process welder> Capable of Arc Air Gouging				
> Packaged with a W65 4 roll drive wirefeeder, 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
- > Generator compatible recommended 25 kVA
- > IP rating: IP21S
- > 96kg
- > 500 A at 39 V, 60% Duty Cycle

EAR



Austmig 5356, WIA OpticFX Helmet

PAIR IT WITH

PAIR IT WITH Austmig ES6, WIA

Arc & TIG

INVERTER WELDERS

WIA's Arc and TIG welders are portable, easy to transport and provide results that are hard to beat.



	WELDARC 145i	WELDARC 185i	WELDARC 200i AC/DC	WELDARC 200i DC
INPUT POWER	240 V Single Phase	240 V Single Phase	240 V Single Phase	240 V Single Phase
RATED PRIMARY CURRENT	10 Amps	15 Amps	13 Amps	14 Amps
OUTPUT	145 A at 25.8 V, 15% Duty Cycle	185 A at 27.4 V, 20% Duty Cycle	200 A at 18 V, 15% Duty Cycle	200 A at 18 V, 30% Duty Cycle
THICKNESS				
THIN GAUGE	~	\checkmark	✓ AC/DC TIG	\checkmark
6MM	~	\checkmark	✓ AC/DC TIG	\checkmark
8MM	~	\checkmark	✓ AC/DC TIG	\checkmark
10MM		\checkmark	✓ DC TIG	~
MATERIALS TO BE WELDED				
STEEL	\checkmark	~	\checkmark	~
STAINLESS STEEL	\checkmark	~	\checkmark	~
ALUMINIUM			\checkmark	
COPPER	\checkmark	~	\checkmark	~
COPPER ALLOYS			\checkmark	
TITANIUM AND MAGNESIUM ALLOYS			\checkmark	
APPLICATIONS	Rural Workshops, General Maintenance, Building and Construction, Light Fabrication Workshops	Rural Workshops, On-site Maintenance, Building and Construction, Light Fabrication Workshops	On-site Maintenance, Aluminium Boat Repair	On-site Maintenance, Food and Wine, Rural, Motorsports Fabrication, Welding Contractors
PROCESSES				
BEST FOR	DC Stick	DC Stick	AC TIG	DC TIG
ALSO SUITABLE FOR	DC TIG	DC TIG	DC TIG, DC Stick	DC Stick







P/N: MC106-0

Lightweight and portable. Ideal for Stick maintenance welding.

😑 Beginner 🛛 😑 Intermediate 🔍 Professional				
Light Fabrication Rural Workshops				
General Maintenance Building & Construction				
240 v Phase 10 Amp				
> 145 A single phase Arc and TIG welder				
> Optional VRD				
> Lift Arc start				
> Digital display				
> Suits 2.5 - 3.2mm electrodes				
> Generator compatible – recommended 6 kVA				
> IP rating: IP21S				
> Portable at 4.1kg				

> 145 A at 25.8 V, 15% Duty Cycle





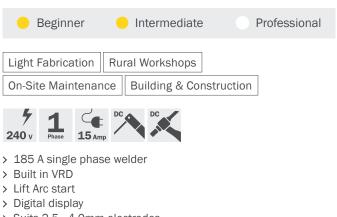
Austarc 12P Electrodes, WIA BlueFX Helmet



Weldarc 185i

P/N: MC107-0

Amp it up! This Stick welder is perfect for on-site maintenance.



- > Suits 2.5 4.0mm electrodes
- > Generator compatible recommended 10 kVA
- > IP rating: IP23S
- > Portable at 5.5kg
- > 185 A at 27.4 V, 20% Duty Cycle





PAIR IT WITH

Austarc 16TC Electrodes, WIA BlueFX Helmet

16





Weldarc 200i AC/DC

P/N: MC105-0

The only TIG machine in our range that can AC TIG weld aluminium.

🕘 Beginner 🔹 Intermediate 💛 Professional				
On-Site Maintenance Aluminium Boat Repair				
7 1 🖕 🔉 📽				
240 v Phase 15 Amp AC/DC				
200 A single share An and TO welder				
> 200 A single phase Arc and TIG welder				
> Packaged with an 8m TIG torch				
> AC TIG for aluminium				
> Welds up to 8mm aluminium or steel				
> Generator compatible – recommended 10 kVA				
> IP rating: IP21S				

- > 19.5kg
- > 200 A at 18 V, 15% Duty Cycle



Weldarc 200i DC

P/N: MC109-0

For professionals wanting to DC TIG weld steel, copper and titanium.

Beginner Intermediate	Professional
On-Site Maintenance Food & Wine	Rural Workshops
Motor Sports Fabrication Welding Co	ontractors
240 v Phase 15 Amp	

- \succ 200 A single phase Arc and TIG welder
- > Packaged with an 8m TIG torch
- > Welds up to 8mm steel
- > Power Factor Correction (PFC)
- > Generator compatible recommended 8 kVA
- > IP rating: IP23S
- > Portable at 9.4kg
- > 200 A at 18 V, 30% Duty Cycle











MIG

TRANSFORMER WELDERS

Big on power and designed to last, WIA's MIG machines offer the ultimate MIG welding performance.



	WELDMATIC 270	WELDMATIC 356	WELDMATIC 396	WELDMATIC FABRICATOR
INPUT POWER	240 V Single Phase	415 V Three Phase	415 V Three Phase	415 V Three Phase
RATED PRIMARY CURRENT	15-25 Amps	15 Amps	15 Amps	18 Amps
ΟυΤΡυΤ	270 A at 27.5 V, 20% Duty Cycle	355 A at 32 V, 40% Duty Cycle	395 A at 34 V, 30% Duty Cycle	400 A at 34 V, 45% Duty Cycle
	120 A at 20 V, 100% Duty Cycle	225 A at 25.3 V, 100% Duty Cycle	250 A at 26 V, 100% Duty Cycle	270 A at 27.5 V 100% Duty Cycle
THICKNESS				
THIN GAUGE	~	\checkmark	×	\checkmark
6MM	~	\checkmark	✓	\checkmark
8MM	~	\checkmark	\checkmark	\checkmark
10MM	~	\checkmark	\checkmark	~
12MM	\checkmark	~	\checkmark	~
MULTI-PASS 12MM PLUS		~	\checkmark	~
MATERIALS TO BE WELDED				
STEEL	\checkmark	~	\checkmark	~
STAINLESS STEEL	✓	1	\checkmark	~
ALUMINIUM	~	\checkmark	\checkmark	~
APPLICATIONS	Light to Medium Industrial Fabrication, Rural Workshops, Hire Fleets, Body Shops, Maintenance	Light to Medium Industrial Fabrication, Sheet Metal, Boat Building, Service, Repair, Maintenance, Training Centres/ Schools	Medium to Heavy Fabrication, Training Centres/Schools	Medium to Heavy Fabrication, Vehicle Manufacturing, Ship Building, Construction, the full range of Steel Fabrication
PROCESSES	MIG Gas-Shielded, MIG Gasless	MIG Gas-Shielded, MIG Gasless	MIG Gas-Shielded, MIG Gasless	MIG Gas-Shielded, MIG Gasless





Weldmatic 270

P/N: CP132-1

Big on power, this single phase MIG suits light to medium fabrication.

Beginr	er 🥚 Intermediate	Professional
Light Indust	rial Medium Fabrication	Rural Workshops
Hire Fleets	Body Shops & Maintenand	ce
7 1 240 v Phase	15 Amp	

- > 270 A single phase MIG welder
- > Packaged with a W64 4 roll drive wirefeeder and 10m interconnecting lead kit
- > Welds up to 12mm mild/stainless steel or aluminium
- > Suits 5kg and 15kg spools
- > Generator compatible recommended 13.5 kVA at 25 A or 8 kVA at 15 A $\,$
- > IP rating: IP21S
- > 103kg (power source, wirefeeder and accessories)
- > 270 A at 27.5 V, 20% Duty Cycle





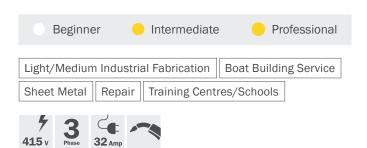




Weldmatic 356

P/N: CP133-1

The perfect MIG choice for light to medium fabrication.



- > 355 A three phase MIG welder
- > Packaged with a W64 4 roll drive wirefeeder and 10m interconnecting lead kit
- > Welds 12mm+ mild/stainless steel or aluminium
- > Suits 5kg and 15kg spools
- > Generator compatible recommended 16.5 kVA
- > IP rating: IP21S
- > 124kg (power source, wirefeeder and accessories)

PAIR IT WITH

> 355 A at 32 V, 40% Duty Cycle





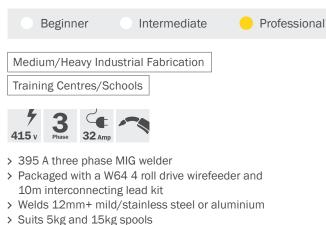




Weldmatic 396

P/N: CP134-1

Get more power! Best for medium to heavy fabrication.



- > Generator compatible recommended 20 kVA
- > IP rating: IP21S
- > 133kg (power source, wirefeeder and accessories)
- > 395 A at 34 V, 30% Duty Cycle







Weldmatic **Fabricator**

P/N: CP135-1

The most powerful MIG welding solution for heavy industrial applications.

Beginner Intermediate	Professional
Medium/Heavy Industrial Fabrication	Ship Building
Vehicle Manufacturing Construction	Steel Fabrication
415 ν Phase 32 Amp	

- > 400 A three phase MIG welder
- > Packaged with a W64 4 roll drive wirefeeder and 10m interconnecting lead kit
- > Welds 12mm+ mild/stainless steel or aluminium
- > Suits 5kg and 15kg spools
- > Generator compatible recommended 20 kVA
- > IP rating: IP21S
- > 160kg (power source, wirefeeder and accessories)
- > 400 A at 34 V, 45% Duty Cycle





Austmig 5356, WIA OpticFX Helmet

PAIR IT WITH Austmig ES6, WIA OpticFX Helmet

Plasma Cutters

READY. SET. CUT.

From the workshop to on-site, WIA plasma cutters go where you go, offering precise and effortless cutting.



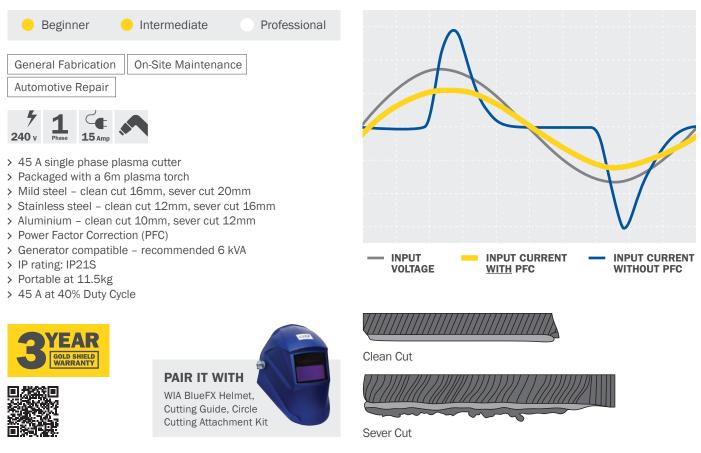




Cutmatic 45

P/N: MC108-0

From the workshop to on-site the Cutmatic $45\ \mbox{can}$ go where you go.



Filler Metals

HIGH PERFORMING & EASY TO USE

WIA's electrode and wire range is relied on by Australian welders day in day out.



ELECTRODES



Electrodes

NOTHING COMPARES

Austarc electrodes are what professional welders rely on for the best results.

Austarc 16TC

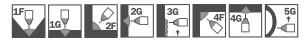
P/N: 16TC25 (2.5mm), 16TC32 (3.2mm), 16TC40 (4.0mm), 16TC50 (5.0mm)

Nothing compares. This low hydrogen electrode provides the best results for all applications.

Low Hydrogen Electrode

Agricultural Steels Structural Steel

Earth Moving Equipment | Maintenance & Repair



- > For carbon and low alloy steels
- > Exceptional arc stability
- > Easy slag removal
- > Low spatter
- > All positional except vertical down
- Classification: AS/NZS 4855-B E49 16-A U H10 and AWS A5.1: E7016 H8
- > Manufactured in New Zealand
- > Available in 2.5, 3.2, 4.0 and 5.0mm



SEE THE FULL RANGE









Austarc 12P

Austarc 13S

P/N: 12P25 (2.5mm), 12P32 (3.2mm), 12P40 (4.0mm)

Smooth arc starting and re-striking performance for general purpose welding.

P/N: 13S25 (2.5mm), 13S32 (3.2mm), 13S40 (4.0mm)

Ideal for down hand fillet welding of mild steel.



Agricultural Equipment | Wrought Iron | General Machinery

General Mild Steel Fabrication & Repair



- > For galvanised steels
- > Fast freezing slag
- > Tolerant to dirty materials
- > All positional and exceptional vertical down capabilities
- Superb arc starting and re-striking on low voltage AC machines
- > Classification: AS/NZS 4855-B E43 13 A AWS A5.1: E6013
- > Manufactured in New Zealand
- > Available in 2.5, 3.2 and 4.0mm

General Purpose Electrode

Structural Welding Tubular Components



- > A blue and white striped electrode for mitre fillet welding
- > Provides a soft and stable arc
- > Offers a self-peeling slag action
- > All positional and exceptional vertical up capabilities
- > Smooth performance on low OCV AC welding machines
- Classification: AS/NZS 4855-B E43 13 A AWS A5.1: E6013
- > Manufactured in New Zealand
- > Available in 2.5, 3.2 and 4.0mm





MIG WIRES



HIGH QUALITY, REPEATABLE PERFORMANCE FOR EVERY JOB

WIA wires are the perfect match for any MIG welding machine.



SEE THE FULL SOLID MIG WIRES RANGE



SEE THE FULL CORED WIRES RANGE



Austmig 5356

P/N: M5356092KG (0.9mm - 2kg), M535612S (1.2mm - 6kg)

Suitable for welding wrought iron or cast aluminium alloys containing magnesium.

Solid MIG Wire - Aluminium

Cast & Wrought Aluminium Alloys Containing Magnesium



- > Aluminium 5% magnesium alloy, MIG welding wire
- Double shaved and precision layer wound for superb feed-ability
- Classification: AS/NZS ISO 18273 S AI 5356 and AWS A5. 10: ER5356
- > Available in 0.9 and 1.2mm







Austmig ES6

P/N: EES608M5KG (0.8mm - 5kg), ES609M5KG (0.9mm - 5kg), ES609S (0.9mm - 15kg), ES610S (1.0mm - 15kg), ES612S (1.2mm - 15kg), ES616S (1.6mm - 15kg)

Provides excellent wirefeeding performance for mild and medium strength steels.





P/N: AUST11085KG (0.8mm - 5kg Spool), AUST11095KG (0.9mm - 5kg Spool), AUST11125KG (1.2mm - 5kg Spool)

No shielding gas required! For welding mild and galvanised steels.



Mild & Medium Strength Steels



- > Copper coated, low carbon steel
- All positional welding of mild and medium strength steels
- > Designed for use with $\rm Argon/CO_{_2}$ and $\rm CO_{_2}$ shielding gases
- > Excellent wire feeding and electrical conductivity
- > Suitable for all transfer modes
- Effective weld metal deoxidation for resistance to porosity
- > Classification: AS/NZS 14341-B G 49A 3U C/M S6 and AWS A5.1 ER70S-6
- > Available in 0.6, 0.8, 0.9, 1.2 and 1.6mm

Self-Shielded Flux-Cored Wire

Mild & Galvanised Steels Light Structures

General Fabrication



- > All positional
- > For single pass and multi-pass applications
- > Full slag covering
- > Easy slag removal
- > Soft and smooth arc
- > Gasless shielding shielding gas not required
- > Classification: AS/NZS ISO 17632-B- T49ZT11-1NA-H15 and AWS 15.20: E71T-11
- > Available in 0.8, 0.9 and 1.2mm







Welding Safety

PROTECTION, COMFORT & SUPPORT

WIA welding helmets offer the protection, comfort and support every welder needs to keep safe while welding.

Crise.

Welding Helmets

SEE THE DIFFERENCE

For MIG, Stick, TIG and plasma cutting, you'll be able to see more and weld better with WIA Helmets.









P/N: 235660

Protection, comfort and performance at an affordable price.

DIY

Auto-Darkening Welding Helmet

Light Industrial Fabrication Trade



- > Only 510.3g
- > Viewing area 97 x 46mm
- > Grind mode
- > Dual arc sensors
- > Switching speed 1/12,000 sec
- > Fully adjustable headgear for maximum face and neck protection
- > Meets Australian standards AS/NZS 1338.1 (Auto-Darkening) and AS/NZS 1337.1 B (High Impact)
- > 1 year warranty



WIA OpticFX

P/N: Blue Knight - SH300002, Nero - SH300001

Enhanced optic clarity for a clearer more detailed view of the weld.

Auto-Darkening Welding Helmet

Industrial Fabrication Trade DIY



- > Provides a full spectrum of colours for a better view.
- > Only 555g
- > Viewing area 100 x 60mm
- > Grind mode
- > 4 arc sensors
- > Switching speed 1/12,500 sec
- Fully adjustable headgear fitted with a back cushion and an extra top band
- > Meets Australian standards AS/NZS 1338.1
- (Auto-Darkening) and AS/NZS 1337.1 B (High Impact) > 3 year warranty







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Distributed by

Issue date: August 2020



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