

WELDMATIC
INDUSTRIAL MIG WELDERS - 3 PHASE



Welding without compromise



Finely tuned to give you smooth,
high performance welds

SUPERIOR INDUCTANCE TECHNOLOGY



WIA
Industrial
MIG Welders
to suit 3 phase
power

Made in Australia

www.welding.com.au



At WIA, we are serious about product quality.

Every new Weldmatic machine comes fully backed by the WIA **Gold Shield 3 Year Warranty**, covering parts and workmanship, so you can be guaranteed you're buying reliability and performance.

Weldmatic machines* are WIA backed, Australian made and supported by an Australia wide local service network giving you peace of mind.

*Gun cables and gas regulators are covered by the relevant manufacturers' warranty.

WIA backed. Australian made. Local support.



Weldmatic Three Phase MIG Welder Selection Chart

| Model | Wirefeeder options | Wire size range | Gas/ Gasless | Wire spool sizes | Applications | Circuit breaker required for max output & duty cycle | Generator required for max output | Output rating |
|--|---|--|-----------------|---------------------|---|---|--|---|
|  335 Weldmatic | With enclosed 2RD or 4RD wirefeeder | 0.6 - 1.2mm solid 0.8 - 1.2mm cored | Yes | 5 & 15 kg | Light to medium industrial fabrication, sheetmetal, boat building, service, repair, maintenance and training centres/ schools | 20A | 16kVA | 335A, 34V, 35% duty 200A, 26V, 100% duty |
|  395 Weldmatic | With enclosed 4RD wirefeeder | 0.8 - 1.6mm solid 0.8 - 1.6mm cored | Yes | 5 & 15 kg | Medium to heavy fabrication | 20A | 22kVA | 395A, 35V, 30% duty 220A, 27V, 100% duty |
|  Fabricator Weldmatic | With enclosed 4RD or heavy duty W19 2RD wirefeeder | 0.6 - 1.6mm solid 0.8 - 2.0mm cored | Yes | 5 & 15 kg | Medium and heavy fabrication including vehicle manufacture, ship building, aluminium and stainless steel construction and the full range of steel fabrication | 20A | 22kVA | 400A, 35V, 45% duty 270A, 30V, 100% duty |

WELDMATIC 335

Part no. CP113-1 [with 2RD], CP113-3 [with 4RD],
CP113-8 [extended reach package - 20m leads + 4.6m gun]

The Weldmatic 335 is the ideal choice for medium industrial fabrication workshops, sheetmetal, boat building, service, repair, maintenance and training centres/schools.

Fine Arc Control over the whole operating range, from short arc to full spray transfer, provided by the Weldmatic 335's 30 voltage steps.

Industrial strength: Fitted with an industrial standard 3.6 metre Bernard gun cable for reliable welding performance and long operating life.

Fully enclosed separate wirefeeder allows the operator to reach around larger awkward jobs.

Gas or gasless: Suited to both gas shielded and gasless (self-shielding) wires, with quick and easy polarity reversal.

***Reliable and portable
welding solution for light
to medium fabrication***

*The Weldmatic 335 is available
in a 2RD or 4RD package.*





The gun and cable holder provides a practical solution for keeping the gun cable, primary cable and interconnecting cable out of the way when welding, plus takes the hassle out of moving between locations.



Convenience: Fine adjustment controls are mounted on the portable wire feeder and within easy reach of the operator. Fine tune the welding parameters at the job without having to return to the machine.

Composite cable interconnecting leads: One piece 10m cable for convenience, improved workplace safety and extended cable life.

Fold out gun & cable holder provides a safe storage place for the welding gun, interconnecting leads and primary supply cable when not in use.

Choice of wirefeeder: The 335 is available with a 2RD two roll drive wirefeeder or a 4RD four roll drive wirefeeder.

Spool capacity: 5kg and 15kg.

See the consumables section for the complete range of drive rollers to suit 2RD and 4RD wirefeeders.



| Primary Voltage | Rated Primary Current | Maximum Primary Current | Recommended generator kVA | Rated Output @ 40°C Duty cycle based on 10 minute cycle time | Welding Current Range | Wire Size Range | Shipping Weight | Shipping Dimensions |
|-----------------------|-----------------------|-------------------------|---------------------------|---|-----------------------|--|-----------------|---------------------|
| 380/415 Vac, 50/60 Hz | 14 Amps | 22 Amps | 16 kVA | 335 Amp, 34 V, 35% duty 200 Amp, 26 V, 100% duty | 35 - 335 Amps | 0.6 - 1.2 mm solid 0.8 - 1.6 mm cored | 135 Kg | 1100L x 500W x 850H |



Gutsy industrial MIG welding solution for medium to heavy fabrication

The 395 has the capacity to run 1.6mm flux cored wire – increasing flexibility in the types of applications it can handle.



WELDMATIC 395

Part no. CP114-1

The Weldmatic 395 is the complete industrial MIG welding package for medium to heavy fabrication. Ideal for all general and industrial fabrication applications.

Digital volt and amp meters with retain last weld information feature for precise setup

4RD wirefeeder has an ultra-fast wire braking feature which leaves the wire tip extra clean at the end of the weld.

Features include 'normal' and 'creep start' speed modes, cold wire inch/gas purge controls and pre/post gas timer controls.

Spool capacity: Handles either 5kg or 15kg spools for more flexibility.

Industrial Strength: Fitted with an industrial standard 3.6 metre Bernard gun cable for reliable welding performance and long operating life.

Gutsy 4RD wirefeeder on 10m composite cable allows the operator to reach around larger awkward jobs. Wirefeed controls are mounted on the wirefeeder within easy reach of the operator.

Gas or gasless: Suited to both gas shielded and gasless (self-shielding) wires, with quick and easy polarity reversal.

Fold out gun & cable holder provides a practical solution for keeping the gun cable, primary cable and interconnecting cable out of the way when welding, plus takes the hassle out of moving between locations.

No more messy cables and cable ties. The unique all in one power cable, control cable and gas hose deliver improved safety and protection for operators.

The 395 has 30 voltage steps for fine arc control over the whole operating range, from short arc to full spray transfer.



| Primary Voltage | Rated Primary Current | Maximum Primary Current | Recommended generator kVA | Rated Output @ 40°C Duty cycle based on 10 minute cycle time | Welding Current Range | Wire Size Range | Shipping Weight | Shipping Dimensions |
|--------------------------|-----------------------|-------------------------|---------------------------|--|-----------------------|--|-----------------|---------------------|
| 380/415 Vac, 50/60 Hz | 16 Amps | 30 Amps | 22 kVA | 395 Amp, 35 V, 30% duty 220 Amp, 27 V, 100% duty | 80 - 395 Amps | 0.8 - 1.6 mm solid 0.8 - 1.6 mm cored | 135 Kg | 1100L x 500W x 850H |

WELDMATIC *FABRICATOR*

Part no. CP117-1 (with W19 wirefeeder)

Part no. CP117-3 (with 4RD wirefeeder)

The Weldmatic Fabricator has been the industry standard for many years. With proven performance and reliability that is second to none, it is the ultimate choice for medium and heavy fabrication.

Precise Welding Control continuous "stepless" fine voltage control enables fine tuning of weld settings.

Convenience Fine adjustment controls are mounted on the portable wire feeder and within easy reach of the operator. Fine tune the welding parameters at the job without having to return to the machine.

Fan-on-demand cooling system: only operates when needed.

THE COMPLETE INDUSTRIAL MIG WELDING SOLUTION

Digital Amp & Volt meters with last weld displayed for 30 seconds for precise set-up. The separate ON/OFF switch enables weld settings to be retained.

Composite cable interconnecting leads: One piece 10m cable for convenience, improved workplace safety and extended cable life.

Fold out gun & cable holder provides a safe storage place for the welding gun, interconnecting leads and primary supply cable when not in use.

Compact, rugged and reliable, the Fabricator has the power to comfortably run all popular sizes of solid and flux cored wires.





"RELIABILITY I CAN DEPEND ON"



Pool Capacity: 5kg and 15kg.

Industrial strength: Fitted with an industrial standard 3.6 metre Bernard gun cable for reliable welding performance and long operating life.

Gas or gasless: Suited to both gas shielded and gasless (self-shielding) wires, with quick and easy polarity reversal.

The Fabricator is available in two factory packaged versions, with either a heavy duty Weldmatic W19 two roll drive open style wire feeder (left) or a 4RD four roll drive fully enclosed wirefeeder (right).

| Primary Voltage | Rated Primary Current | Maximum Primary Current | Recommended generator kVA | Rated Output @ 40°C Duty cycle based on 10 minute cycle time | Welding Current Range | Wire Size Range | Shipping Weight | Shipping Dimensions |
|-------------------|-----------------------|-------------------------|---------------------------|---|-----------------------|--|-----------------|---------------------|
| 415 Vac, 50/60 Hz | 21 Amps | 30 Amps | 22 kVA | 400 Amp, 35 V, 45% duty 270 Amp, 30 V, 100% duty | 40 - 400 Amps | 0.6 - 1.6 mm solid 0.8 - 2.0 mm cored | 188 Kg | 1100L x 600W x 850H |

HELPFUL HINTS

Save money with gasless MIG wire

WIA recommend Fabshield self shielding MIG wire for use with Weldmatic machines. It is an economical option for those windy outdoor conditions where gas bottles can be inconvenient and costly to rent.

Improve your weld with an auto-helmet

Using a good quality auto-darkening helmet can make your welding job easier and safer. No more lens flipping. The lens automatically darkens from a safety shade 3 to welding shade when an arc is struck, leaving both hands free for steadying your welding torch. Select carefully to ensure the helmet is appropriate for your application.

Safety essentials for MIG welding

Ensure your body and limbs are well covered and use good quality safety accessories when welding. A reputable brand full face welding helmet and leather welding gloves are essential equipment.

Use only genuine Bernard gun cable spares

Using genuine Bernard gun cable spares (tips, nozzles, diffusers & liners) can save you money with longer operating life, less downtime and better weld performance than copy parts.

www.welding.com.au



Auto-Darkening Welding Helmets

Elite™ Series

- 30% larger viewing area than our standard lens for maximum viewing capacity.
- Variable welding shades 9 to 13.
- Lens technology responds to extremely low-amperage TIG arcs (5 amps and below), including DC inverter TIG.
- Battery-powered (replaceable), with solar-assist or exceptionally long life (3,000 hours on MIG), no charging required!
- Excellent magnifying lens holding system holds magnifying lens securely in place while allowing for vertical adjustment.
- Four independent arc sensors provide continuous arc-sensing capability for your most demanding applications - highly recommended for low amperage TIG! Lens darkening reaction time is 1/20,000 sec.
- Lightweight polyamide nylon shell for excellent durability.
- 2 year warranty.

SERIOUS PROTECTION
WITH *attitude*

- Comfortable fully adjustable ratchet style headgear with odour absorbing headband and comfort cushion.
- Standards ANSI z8.1/DIN/TUV/CE.
- Helmet bag included. Features draw string closure, ultra-soft inside liner and convenient exterior storage pouch for gloves and glasses.



Roadster
P/N 224870



Red Flame
P/N 216323



Black
P/N 216322

New
Auto On/Off
& Grind Mode
Feature

For more information on the full range of Miller Auto-darkening helmets visit www.welding.com.au

Industrial Strength Consumables

In addition to a range of high quality and reliable industrial welding equipment, the WIA product line-up features an extensive range of consumables to suit your specific application. For further details and to take a look at the full range of WIA consumables visit www.welding.com.au.



Fluxofil

Flux Core MIG Wires

- Seamless tube construction
- Low hydrogen H₅ Class
- Copper Coating

Seamless construction ensures the integrity of the wire and flux, preventing moisture penetration, which in turn ensures the low hydrogen (H₅) classification is maintained. It also improves feeding of the wire through the drive rolls, liners and contact tips. Hydrogen is dissipated from the filled tube during high temperature annealing. The copper coating provides superior electrical conductivity, contact, feedability and shelf life.



Austfil

Flux Cored MIG Wires




- Increased deposition rate
- Improved weld integrity
- Good operator appeal

The Austfil range of flux cored wires reduced production costs through higher deposition rates with excellent high integrity deposits. Superb weld profiles with low spatter and fume levels result in good operator appeal.



Accessories and Consumables - Wire and Drive rollers



| | Size | Spool Size | Part No. |
|---|---|------------|-------------|
|  | Austmig ES6 MIG wire | | |
| | 0.6 mm | 5 kg | ES606M |
| | 0.8 mm | 5 kg | ES608M |
| | 0.9 mm | 5 kg | ES609M |
| | 0.6 mm | 15 kg | ES606S |
| | 0.8 mm | 15 kg | ES608S |
| | 0.9 mm | 15 kg | ES609S |
|  | Austfil 71T Flux cored wire - gas shielded | | |
| | 1.2 mm | 15 kg | 71T112S |
|  | Fabshield Gasless MIG wire | | |
| | 0.8 mm | 4.5 kg | S222306-022 |
| | 0.9 mm | 4.5 kg | S222308-022 |
| | 1.2 mm | 4.5 kg | S222112-022 |
| | 0.9 mm | 15 kg | S222308-029 |
| | 1.2 mm | 15 kg | S222112-029 |


| | Size (mm) | Part No. |
|---|--|----------|
|  | Drive rollers [to suit 2RD Wirefeeder] | |
| | 0.6 & 0.8 for solid wire | W26-0/8 |
| | 0.9 & 1.2 for solid wire | W26-5/8 |
| | 1.0 & 1.2 for solid wire | W26-2/8 |
| | 1.2 & 1.6 for solid wire | W26-4/8 |
| | 1.0 & 1.2 for aluminium | W26-3/8 |
| | 1.0 & 1.2 for flux cored | W26-7/8 |
|  | Drive rollers [to suit 4RD Wirefeeder] | |
| | 0.9 & 1.2 for solid wire | W51-0/2 |
| | 1.2 & 1.6 for flux cored | W51-0/1 |
| | 1.6 & 2.0 for flux cored | W51-0/7 |
| | 0.9 & 1.2 for aluminium | W51-0/3 |
|  | Drive roll kits [to suit W19 Wirefeeder] | |
| | 0.9 for solid wire | MR079595 |
| | 0.9 & 1.2 for solid wire | MR190300 |
| | 1.0 for solid wire | MR161189 |
| | 1.6 for solid wire | MR079596 |

| Size (mm) | Part No. |
|---|----------|
| Drive roll kits (cont) [to suit W19 Wirefeeder] | |
| 2.0 for solid wire | MR079598 |
| 0.9 for aluminium | MR044749 |
| 1.2 for aluminium | MR079599 |
| 1.6 for aluminium | MR079601 |
| 2.0 for aluminium | MR079602 |
| 0.9 for flux cored | MR079606 |
| 1.2 for flux cored | MR079607 |
| 1.6 for flux cored | MR079609 |
| 2.0 for flux cored | MR079610 |
| 1.2 for soft shell cored wires | MR083318 |
| 1.6 for soft shell cored wires | MR079614 |
| 2.0 for soft shell cored wires | MR079615 |




Accessories and Consumables - Gun cable

| Type | Part No. |
|---|-----------|
|  Nozzles, head & cap [to suit 300 Amp Guns] | |
| Brass nozzle - straight | BE4391 |
| Brass nozzle - tapered | BE4392 |
| Copper nozzle - straight | BE4393 |
| Copper nozzle - tapered | BE4394 |
| Head | BE4335 |
| Cap | BE4323 |
| Nozzles, head & cap [to suit 400 Amp Guns] | |
| Brass nozzle - straight | BE4491 |
| Brass nozzle - tapered | BE4492 |
| Copper nozzle - straight | BE4591 |
| Copper nozzle - tapered | BE4592 |
| Copper nozzle - water cooled | BE1101 QD |
| Head | BE4435 |
| Cap | BE4423 |

| Size | Type | Part No. |
|--|--------------------------|-----------|
|  Liners [to suit 300 & 400 Amp Guns] | | |
| 0.9 - 1.2 | 3.0m steel | BE43110 |
| 0.8 | 4.6m steel | BE43015 |
| 0.9 - 1.2 | 4.6m steel | BE43115 |
| 0.9 - 1.2 | 4.6m nylon for aluminium | BE43115X |
| 0.9 - 1.2 | 4.6m composite | BE1920218 |
| 0.9 - 1.2 | 4.6m Tweco | BE43115T |
|  Contact tips [to suit 300 & 400 Amp Guns] Packets of 10 | | |
| 0.9 | | BE7489 |
| 1.0 | | BE7496 |
| 1.2 | | BE7490 |
| 1.3 | | BE7498 |
| 1.6 | | BE7491 |

| Type | Part No. |
|---|----------|
|  Welding gloves Premium quality blue leather welding gloves. | |
| | GLV001 |

Ordering Information

| Model | Package | Part No |
|--|---|----------------|
| 335 Weldmatic  | With 2RD wirefeeder (fully enclosed) | CP113-1 |
| | With 4RD wirefeeder (fully enclosed) | CP113-3 |
| 395 Weldmatic  | With 4RD wirefeeder (fully enclosed) | CP114-1 |
| Fabricator Weldmatic  | With W19 wirefeeder | CP117-1 |
| | With 4RD wirefeeder (fully enclosed) | CP117-3 |
| All above models include [unless indicated otherwise]: | Power source, remote wirefeeder, 10m interconnecting leads, wheels, handle & gas bottle carrier, 3.6m Bernard gun cable, 10m work lead, gas hose, argon/mixed gas regulator/flowgauge and operating manual. | |



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Available from:

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Visit: www.welding.com.au

At WIA we are constantly improving our products and reserve the right to change design and/or specification without

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ABN 18 004 547 111

