

WELDMATIC
LIGHT INDUSTRIAL MIG WELDERS



Welding without compromise

SUPERIOR INDUCTANCE TECHNOLOGY



Finely tuned to give you smooth,
high performance welds

Suited to single 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.

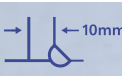
Weldmatic machines* are WIA backed, Australian made and supported by an Australia wide local service network giving you peace of mind.

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

WIA backed. Australian made. Local support.



Weldmatic Selection Chart

Model	Thickness of metal fillet welded in a single pass	Wire size range	Gas/ Gasless	Wire spool sizes	Applications	Primary plug required for max output & duty cycle	Circuit breaker required for max output & duty cycle	Generator required for max output	Output rating
 150 Weldmatic		0.6 - 0.9mm solid 0.8 - 1.2mm cored	Yes	1 & 5 kg	Home workshop, light industry, rural & hire fleets	15A 240 Vac	20A	6.7kVA	135A, 20.8V, 25% duty
 175 Weldmatic		0.6 - 0.9mm solid 0.8 - 1.2mm cored	Yes	1 & 5 kg	Home workshop, trades, light industry, rural & hire fleets	15A 240 Vac	20A	7.2kVA	175A, 22.8V, 16% duty
 8mm Weldmatic		0.6 - 1.0mm solid 0.8 - 1.2mm cored	Yes	5 & 15 kg	Crash repairs, exhaust shops & light tube structures	15A 240 Vac	20A	7.5kVA	175A, 22.8V, 20% duty
 10mm Weldmatic		0.6 - 1.0mm solid 0.8 - 1.2mm cored	Yes	5 & 15 kg	Light industry, crash repairers, rural workshop, schools & colleges	20A 240 Vac	25A	9.5kVA	200A, 24V, 20% duty
 255 Weldmatic		0.6 - 1.2mm solid 0.8 - 1.2mm cored	Yes	5 & 15 kg	Light to medium fabrication, maintenance, rural workshops, hire fleets & body	25A 240 Vac 12A 480 Vac	32A or 40A 20A Application dependant	12.0kVA	255A, 27V, 25% duty

**PORTABLE &
POWERFUL**



The Weldmatic 150 is a truly portable welder. Light enough to lift into the back of the ute and take anywhere. Shown with optional trolley.

WELDMATIC 150

Part no. CP115-0

Portable and powerful – the Weldmatic 150 is the ideal choice for home, trades, light industrial, rural and hire applications.

Precise Welding Control includes 9 voltage settings and weld setting chart for easy set up and fine tuning of the machine.

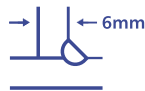
Industrial Strength Fitted with an industrial standard 3 metre Bernard gun cable for reliable welding performance and long operating life.

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

Spool Capacity 1kg and 5kg.

Lifting Safety comes with twin rubber handles for both comfort and safety.

Fillet weld up to 6mm steel, stainless steel & aluminium in a single pass.



Primary Voltage	Rated Primary Current	Maximum Primary Current	Recommended generator kVA	Supply Plug	Rated Output @ 40°C Duty cycle based on 5 minute cycle time	Welding Current Range	Wire Size Range	Shipping Weight
240 Vac, 50/60 Hz	12 Amps	28 Amps	6.7 kVA	15 Amp	135 Amp, 20.8 V, 25% duty 67 Amp, 18 V, 100% duty	35 - 150 Amps	0.6 - 0.9 mm solid 0.8 - 1.2 mm cored	38 Kg

WELDMATIC 175

Part no. CP116-1

Genuine 175 amps of pure welding grunt in a compact unit. This compact MIG out-guns some of the big boys, but is easily transported in the boot of a car. The 175 is a good choice for home workshops, trades, light industry, rural and hire fleets.

Precise Welding Control includes 9 voltage settings and weld setting chart for easy set up and fine tuning of the machine.

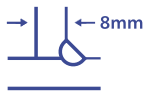
Convenience The 175 comes complete with a convenient trolley cart and accessory tray and accepts gas cylinders up to E size.

Industrial Strength Fitted with an industrial standard 3 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.

Spool Capacity 1kg and 5kg.

Lifting Safety comes with twin rubber handles for both comfort and safety.



The Weldmatic 175 is light weight & portable. Machine comes complete with trolley & leads.



Primary Voltage	Rated Primary Current	Maximum Primary Current	Recommended generator kVA	Supply Plug	Rated Output @ 40°C Duty cycle based on 5 minute cycle time	Welding Current Range	Wire Size Range	Shipping Weight
240 Vac, 50/60 Hz	12 Amps	30 Amps	7.2 kVA	15 Amp	175 Amp, 22.8 V, 16% duty 67 Amp, 18 V, 100% duty	35 - 175 Amps	0.6 - 0.9 mm solid 0.8 - 1.2 mm cored	45 Kg



The Weldmatic 8mm is easy to use and manoeuvre around any workshop.

WELDMATIC 8mm

Part no. CP118-0

For welding sheetmetal, exhaust and other light tubing, the Weldmatic 8mm has you covered. Plus, with a top end capacity to fillet weld up to 8mm of steel, stainless or aluminium in a single pass – this MIG has what it takes to get the job done.

Unique 'Arcstart' Control allows starting conditions to be fine-tuned from 'Soft Start' through to 'Fast' to suit the welding application. The 'Smooth' arc characteristic makes it easy to weld thin materials without burn-through. Use with silicon bronze wire for low distortion joints which

are easily dressed and finished.

Fan on Demand uses less power and generates less noise by only running when needed.

Suits 15 Amp Power Outlet just plug in and start welding.

Spool Capacity handles either 5kg or 15kg spools for more flexibility.

Industrial Strength Fitted with an industrial standard 3 metre Bernard gun cable for reliable welding performance and long operating life.



Primary Voltage	Rated Primary Current	Maximum Primary Current	Recommended generator kVA	Supply Plug	Rated Output @ 40°C Duty cycle based on 10 minute cycle time	Welding Current Range	Wire Size Range	Shipping Weight
240 Vac, 50/60 Hz	15 Amps	31 Amps	7.5 kVA	15 Amp	175 Amp, 22.8 V, 20% duty 80 Amp, 18 V, 100% duty	30 - 200 Amps	0.6 - 1.0 mm solid 0.8 - 1.2 mm cored	72 Kg

WELDMATIC 10mm

Part no. CP119-0

Power & Control. Need a MIG WELDER that offers the best of both worlds? Then the 10mm is the one for you. It delivers a smooth, easily controlled arc right across the range. As the name suggests it fillet welds up to 10mm of steel, stainless or aluminium in a single pass.

Now that's real ARC POWER!

The **all new** 10mm MIG is the ideal 'all-rounder' for rural workshops, light manufacturing and colleges and schools.

Compact Design uses minimum floorspace and suits underbench installation.

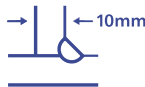
Unique 'Arcstart' Control allows starting conditions to be fine-tuned from 'Soft Start' through to 'Fast' to suit the welding application. The 'Smooth' arc characteristic makes it easy to weld thin materials without burn-through. Use with silicon bronze wire for low distortion joints which are easily dressed and finished.

Fan on Demand uses less power and generates less noise by only running when needed.

Spool Capacity handles either 5kg or 15kg spools for more flexibility.

REAL ARC POWER

Industrial Strength Fitted with an industrial standard 3 metre Bernard gun cable for reliable welding performance and long operating life.



"The 10mm handles both the light and heavy jobs. It performs well with silicon bronze, a requirement for some insurance work - and being made locally is certainly an advantage."

Kevin Mullen M.E. Dale Crash Repairs



Primary Voltage	Rated Primary Current	Maximum Primary Current	Recommended generator kVA	Supply Plug	Rated Output @ 40°C Duty cycle based on 10 minute cycle time	Welding Current Range	Wire Size Range	Shipping Weight
240 Vac, 50/60 Hz	18 Amps	38 Amps	9.5 kVA	15 Amp*	200 Amp, 24 V, 20% duty 90 Amp, 19.5 V, 100% duty	35 - 225 Amps	0.6 - 1.0 mm solid 0.8 - 1.2 mm cored	75 Kg

*Shipped with a 15Amp plug fitted for initial commissioning only.

WELDMATIC 255

Part no. CP112-1 (240 volt) CP112-3 (480 volt)

The 255 amp single phase MIG heavy weight comes with a history of reliable and exceptional welding performance across applications ranging from light to medium fabrication to farm maintenance, including hard surfacing.

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.

Composite Cable Interconnecting Leads One piece 8m 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.

Spool 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 Weldmatic 255 is also available in a 480 volt supply model.

Primary Voltage	Rated Primary Current	Maximum Primary Current	Recommended generator kVA	Supply Plug	Rated Output @ 40°C Duty cycle based on 10 minute cycle time	Welding Current Range	Wire Size Range	Shipping Weight
240 Vac, 50/60 Hz	25 Amps	49 Amps	12 kVA	15 Amp*	255 Amp, 27 V, 25% duty 100 Amp, 19 V, 100% duty	30 - 255 Amps	0.6 - 1.2 mm solid 0.8 - 1.2 mm cored	104 Kg
480 Vac, 50/60 Hz	12 Amps	25 Amps	12 kVA		255 Amp, 27 V, 25% duty 100 Amp, 19 V, 100% duty	30 - 255 Amps	0.6 - 1.2 mm solid 0.8 - 1.2 mm cored	104 Kg

*Shipped with a 15Amp plug fitted for initial commissioning only.

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.



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Accessories and Consumables

	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	
	0.6 & 0.8 for solid wire	W26-0/8
	0.8 & 1.0 for solid wire	W26-1/8
	0.9 & 1.2 for solid wire	W26-5/8
	1.0 & 1.2 for aluminium	W26-3/8
	1.0 & 1.2 for flux cored	W26-7/8
	Inlet guides	
	2.0 ID for steel	W26-0/13
	2.4 ID nylon for aluminium	W27-2/13N
	Contact tips	
	0.6	BE7497
	0.8	BE7488
	0.9	BE7489
	1.0	BE7496
	1.2	BE7490
	Liners	
	0.6 - 0.8 for steel	BE43015
	0.9 - 1.2 for steel	BE43115
	0.9 - 1.2 nylon for aluminium	BE43115X

	Type	Part No.
	Nozzles, head & cap	
	Brass nozzle - straight	BE4391
	Brass nozzle - tapered	BE4392
	Head	BE4335
	Cap	BE4323
	Welding helmets	
	Helmet with fixed shade, lift up lens	WGAC25
	Auto-darkening helmet for Stick & MIG welding up to 150 Amps	770255
	Flame graphic auto-darkening helmet shades 9-13	217288
	Inferno helmet elite industrial model auto-darkening helmet shades 9-13.	222669

Ordering Information

Model	Includes	Part No
 150 Weldmatic	Power source with internal wirefeeder, 3m Bernard gun cable, 3m work lead, gas hose, regulator and operating manual.	CP115-0
	Optional trolley cart	AM308-0
 175 Weldmatic	Power source with internal wirefeeder, gas bottle trolley with tool tray, 3m Bernard gun cable, 3m work lead, gas hose, regulator and operating manual.	CP116-1
 8mm Weldmatic	Power source with internal wirefeeder, wheels & gas bottle carrier, 3m Bernard gun cable, 5m work lead, gas hose, regulator and operating manual.	CP118-0
 10mm Weldmatic	Power source with internal wirefeeder, wheels, gas bottle carrier, 3m Bernard gun cable, 5m work lead, gas hose, regulator and operating manual.	CP119-0
 255 Weldmatic	240V model	CP112-1
	480V model	CP112-3
	Both models include: Power source with wheels & gas bottle carrier, cable hanger, separate fully enclosed wirefeeder on 8m interconnecting leads, 3.6 Bernard gun cable, 5m work lead, gas hose, regulator and operating manual.	

Available from:

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

Made in Australia by
Welding Industries of Australia
ABN 18 004 547 111

