

REDI-MIG FAMILY



Easy-to-use machines for MIG and Flux-Cored welding

LINCOLN[®]
ELECTRIC
THE WELDING EXPERTS

Advantage Lincoln

Easy to use, Lincoln's new REDI-MIG's are ready to work from the moment they arrive.

Each machine features a comprehensive, easy to follow instructional video and a 'How to Weld' chart on the machine's side panel.

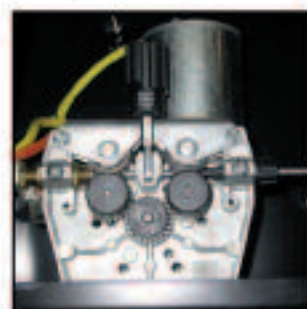
Lincoln's REDI-MIG's have made welding easier than ever.



Control Panel



Integrated with 2 Drive



Remote with 4 Drive

- ✓ **Integrated or Remote**
- ✓ **Complete & Ready to Use**
- ✓ **Easy to Set Up**
- ✓ **Premium Arc Performance**
- ✓ **Gas & Gasless Versatility**
- ✓ **Rugged Durable Design**
- ✓ **Wire Feeding Reliability**
- ✓ **Quick, Easy Change Over**
- ✓ **Easy to Use Control Panel**
- ✓ **Many Convenient Features**



Training Video



Easy Load Cylinder Undercarriage



Weld Procedure Guide



REDI-MIG 240 TORCH

The **REDI-MIG 240 torch** is designed for comfort and control using non-slip grooves to improve grip. The torch cable is lightweight and flexible. Combined with a ball joint in the torch handle, it provides extra manoeuvrability in tight spots. A steel spring at either end of the cable improves cable support and feedability.

REDI-MIG 240 torch is supplied ready to feed 0.9mm solid steel wire. Replacement consumable parts are compatible with other leading brands.

REDI-MIG 205 Integrated

The **REDI-MIG 205** is an integrated single-phase, medium-duty, 220 or 240 volt MIG welder / wire feeder. It is designed for the welding of mild steel, stainless steel and aluminum using solid or flux-cored wires.

Suitable for light industrial welding including sheet metal, maintenance, rural and handyman work with gas-shielded (MIG or Outershield™) or gasless (Innershield™) wires.

The **REDI-MIG** range of welders are made in Australia and have a 3 year warranty.

OPTIONS

- Drive rolls (10 wire sizes)
- 1.2mm Aluminium Welding Kit (KA1440-4)
- 1.2mm Flux-cored, Gas and Gasless Welding Kit (Outershield™ & Innershield™) (KA1441-4)
- Innershield Welding Gun (for self shielded / gasless wire) (KA1325)

Refer to back page for further details.



REDI-MIG 205 Integrated

REDI-MIG 205 Integrated - Package complete with

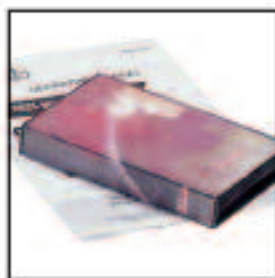
- Integrated power source / 2 drive wire feeder
 - 4 metre torch, Euro connect / heavy duty cable*
 - 3 metre work return lead and clamp
 - Harris 801 regulator / flowmeter and gas hose
 - Built-in easy load cylinder undercarriage
 - 3 metre primary lead with 15 amp plug
 - Drive rolls for 0.9 and 1.2mm MIG wire
 - Operation manual & Weld Procedure Guide
 - Comprehensive instructional video
- * Compatible with industry standard consumable spare parts

ADVANTAGE LINCOLN

- 16 voltage selections for exact weld setting
- Continuous and calibrated wire feed speed for exact and repeatable weld setting
- Fully adjustable burn back control to prevent all wire sizes and types sticking to the weld crater
- Spindle accepts 5kg and 15kg coils
- Durable copper transformer windings for longer life
- Polarity change for MIG or gasless welding
- 2-step / 4-step trigger lock function reduces user fatigue when doing long welds
- Spot timer for easy tacking and stitch welding
- Cold wire inch for easy wire loading
- Gas purge for easy setting of gas flow rates
- Built-in handle for easy moving to the job
- Mains power indicator light provides extra safety
- Fan cooled power source lets you work for longer periods by improving duty cycle
- Thermal overload protection protects your investment by auto-sensing excess heat
- Australian made quality with 3 year warranty



Integrated REDI-MIG's feature a 2 drive roll system



Training Video assists set-up and welding

TECHNICAL SPECIFICATIONS



Part Number	Power Supply	Rated Input AS1966	Output Range	Rated Output	Rec. Generator (@ max output)	Wire Size (mm)	Weight (kg)	Dimensions L x W x H (mm)		
KA1431-1	240V 50/60Hz	15A } 16A }	30-210A	120A 20V @ 100%	8kVA	Solid - 0.6-1.0	88	905 x 447 x 760		
KA1431-11*	220V 50/60Hz			180A 23V @ 34%		Alum. - 0.9-1.2			97*	906 x 447 x 890*
				205A 24.5V @ 25%		Cored - 0.9-1.2				

* Export version, weight and dimensions include packaging

REDI-MIG 325 Remote

Heavy duty power for the tough jobs.

The **REDI-MIG 325 Remote** is an Australian made 3 phase, 380 or 415 volt heavy-duty, MIG welder with exceptional welding characteristics. Provides optimum performance over a wide range of applications and consumables including mild steel, stainless steel, aluminum and flux-cored wires. Applications include light to medium fabrication, sheetmetal, boat fabrication and maintenance, service and repair applications with gas-shielded (MIG or Outershield™) or gasless (Innershield™) wires.

The **REDI-MIG 325 Remote** is factory fitted with the **REDI-MIG 4D** gear driven wire feeder complete with 8 metre interconnection leads.

Allows the operator to easily reach around large or difficult jobs without the need to move the power source, adding to the versatility of the **REDI-MIG 325 Remote**.

OPTIONS

- Drive rolls (10 wire sizes)
- 1.2mm Aluminium Welding Kit (KA1440-6)
- 1.2mm Flux-cored, Gas and Gasless Welding Kit (Outershield™ & Innershield™) (KA1441-6)
- Innershield Welding Gun (for self shielded / gasless wire) (KA1325)

Refer to back page for further details.



REDI-MIG 325 Remote

REDI-MIG 325 Remote Package complete with

- 325 power source / 4D (4 drive) wire feeder with 8 metre interconnection cables
- 4 metre torch, Euro connect / heavy duty cable*
- 5 metre work return lead and clamp
- Harris 801 regulator / flowmeter and gas hose
- Built-in easy load cylinder undercarriage
- 3 metre primary lead (plug required)
- Drive rolls for 0.9 and 1.2mm MIG wire
- Operation manual & Weld Procedure Guide
- Comprehensive instructional video

* Compatible with industry standard consumable spare parts



Remote REDI-MIG's feature a 4 drive roll system



Weld Guide included with all packages

TECHNICAL SPECIFICATIONS



Part Number	Power Supply	Rated Input AS1966	Output Range	Rated Output	Rec. Generator (@ max output)	Wire Size (mm)	Weight (kg)	Dimensions L x W x H (mm)
KA1434-2	415V 50/60Hz	13.5A	20-400A	190A 23.5V @ 100%	18 kVA	Solid - 0.8-1.2	130	905 x 447 x 1200
KA1434-12*	380V 50/60Hz	13.5A		325A 30V @ 30%		Alum. - 0.9-1.2	163*	905 x 447 x 1280*
						Cored - 0.9-1.6		

* Export version, weight and dimensions include packaging

ADVANTAGE LINCOLN

- 32 voltage selections for exact weld setting
- Gear driven 4 drive system for exceptional performance with soft wires like aluminium
- Continuous and calibrated wire feed speed for exact and repeatable weld setting
- Fully adjustable burn back control to prevent all wire sizes and types sticking to the weld crater
- Spindle accepts 5kg and 15kg coils
- Durable copper transformer windings
- Polarity change for MIG or gasless welding
- Volt / amp meters to monitor procedure setting
- 2-step / 4-step trigger lock function reduces user fatigue when doing long welds
- Spot timer for easy tacking and stitch welding
- Cold wire inch for easy wire loading
- Gas purge for easy setting of gas flow rates
- Built-in handle for easy moving to the job
- Mains power indicator light for extra safety
- Fan cooled power source lets you work for longer periods by improving duty cycle
- Thermal overload protection protects your investment by auto-sensing excess heat
- Australian made quality with 3 year warranty

REDI-MIG 455 Remote

The **REDI-MIG 455 Remote** is a 3 phase, 380/415 volt heavy-duty, MIG welder. It produces consistent welds with a crisp, clean arc for medium to heavy fabrication with both solid and flux-cored wires.

The **REDI-MIG 455 Remote** is factory fitted with the **REDI-MIG 4D** gear driven wire feeder complete with 8 metre interconnection leads.

The **REDI-MIG 455 Remote** delivers exceptional welding performance on a wide range of materials including mild steel, stainless steel and aluminum. Ideal for general fabrication, sheetmetal, boat manufacture and maintenance, service and repair applications.

OPTIONS

- Drive rolls (10 wire sizes)
- 1.2mm Aluminium Welding Kit (KA1440-6)
- 1.2mm Flux-cored, Gas and Gasless Welding Kit (Outershield™ & Innershield™) (KA1441-6)
- Innershield Welding Gun (for self shielded / gasless wire) (KA1325)

Refer to back page for further details.



REDI-MIG 455 Remote

REDI-MIG 455 Remote Package complete with

- 455 power source / 4D (4 drive) wire feeder with 8 metre interconnection cables
- 4 metre torch, Euro connect / heavy duty cable*
- 5 metre work return lead and clamp
- Harris 801 regulator / flowmeter and gas hose
- Built-in twin cylinder undercarriage
- 5 metre primary lead (plug required)
- Drive rolls for 0.9 and 1.2mm MIG wire
- Operation manual & Weld Procedure Guide
- * Compatible with industry standard consumable spare parts



Weld Guide included with all packages

ADVANTAGE LINCOLN

- 30 voltage selections for exact weld setting
- Gear driven 4 drive system for exceptional performance with soft wires like aluminium
- Continuous and calibrated wire feed speed for exact and repeatable weld setting
- Fully adjustable burn back control to prevent all wire sizes and types sticking to the weld crater
- Spindle accepts 5kg and 15kg coils
- Durable copper transformer windings
- Polarity change for MIG or gasless welding
- Digital volt / amp meters to monitor procedure setting
- 2-step / 4-step trigger lock function reduces user fatigue when doing long welds
- Spot timer for easy tacking and stitch welding
- Cold wire inch for easy wire loading
- Gas purge for easy setting of gas flow rates
- Built-in handle for easy moving to the job
- Mains power indicator light for extra safety
- Fan cooled power source lets you work for longer periods by improving duty cycle
- Thermal overload protection protects your investment by auto-sensing excess heat
- 3 year warranty

TECHNICAL SPECIFICATIONS



Part Number	Power Supply	Rated Input AS1966	Output Range	Rated Output	Rec. Generator (@ max output)	Wire Size (mm)	Weight (kg)	Dimensions L x W x H (mm)
KA1443-2	380/415V 50/60Hz	19A	30-455A	350A 31.5V @ 60%	22 kVA	Solid - 0.8-1.2	148	1050 x 670 x 775
				455A 36.5V @ 35%		Alum. - 0.9-1.2		1160 x 730 x 1130*
						Cored - 0.9-1.6		

* Export version, weight and dimensions include packaging

REDI-MIG 4D Wire Feeder

4 DRIVE ROLLS FOR DURABILITY & FEEDABILITY

The **REDI-MIG 4D** is a gear driven 4 drive roll, Australian designed, suitcase style wire feeder. This fully enclosed cabinet provides protection of the welding wire and drive system from workshop processes like grinding, painting and gouging, which can effect quality and feedability.

The **REDI-MIG 4D** is factory fitted to the **REDI-MIG 255**, **REDI-MIG 325** and **REDI-MIG 455** remote power sources, with 8 metre interconnecting leads.

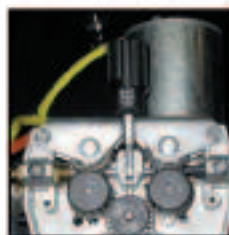
Controls are conveniently located on the wire feed unit for easy access by the operator. Suitable for all welding applications with solid and flux-cored wires.

Designed to operate on 42 volt supply, the **REDI-MIG 4D** can be fitted to most brands of MIG power sources as an economical replacement wire feeder.

OPTIONS

- Drive rolls (10 wire sizes)
- 1.2mm Aluminium Welding Kit
- 1.2mm Flux-cored, Gas and Gasless Welding Kit (Outershield™ & Innershield™)
- Innershield Welding Gun (for self shielded / gasless wire) (KA1325)

Refer to back page for further details.



REDI-MIG 4D features a 4 drive roll system



REDI-MIG 4D
(shown with optional torch)

ADVANTAGE LINCOLN

- Gear driven 4 roll drive system for exceptional performance with soft wires like aluminium
- Spindle accepts 5kg and 15kg coils
- Continuously variable wire feed speed control for precise weld setting
- Euro-style torch connection for easy fitting
- Spot timer (0.5 - 4 seconds) for easy tacking and stitch welding timer
- 2-step / 4-step trigger lock function reduces user fatigue when doing long welds
- Cold wire inch for easy wire loading
- Gas purge for easy setting of gas flow rates
- Fully adjustable burn back control to prevent wire sticking to the weld crater
- Australian made quality with 3 year warranty

Part Number	Power Supply	Wire Speed Range	Wire Size Range	Weight c/w cable (kg)	Dimensions L x W x H (mm)
KA1435	42V 50/60Hz AC	1-20m/min	Solid - 0.8-1.2mm	24kg	620 x 260 x 440
			Alum. - 1.0-1.6mm		
			Cored - 0.8-1.6mm		

REDI-MIG 360 Torch

The **REDI-MIG 360 torch** is designed for comfort and control using non-slip grooves to improve grip. The torch cable is lightweight and flexible. Combined with a ball joint in the torch handle, it provides extra manoeuvrability in tight spots. A steel spring at either end of the cable improves cable support and feedability.

REDI-MIG 360 torch is supplied ready to feed 1.2mm solid steel wire. Replacement consumable parts are compatible with other leading brands.



Options

1.2mm ALUMINIUM WELDING KIT

Complete with 0.9, 1.2mm U-groove drive roll/s; 0.9mm - 1.2mm Teflon™ torch liner and packet of ten 1.2mm contact tips, Teflon inlet and outlet guides.

REDI-MIG 205 Integrated	Order KA1440-4
REDI-MIG 255 Integrated	Order KA1440-4
REDI-MIG 255 Remote	Order KA1440-5
REDI-MIG 325 Remote	Order KA1440-6
REDI-MIG 455 Remote	Order KA1440-6

1.2mm FLUX CORED WELDING KIT

Complete with 0.9, 1.2mm knurled drive roll/s, 0.9mm - 1.2mm torch liner and packet of ten 1.2mm contact tips.

REDI-MIG 205 Integrated	Order KA1441-4
REDI-MIG 255 Integrated	Order KA1441-4
REDI-MIG 255 Remote	Order KA1441-5
REDI-MIG 325 Remote	Order KA1441-6
REDI-MIG 455 Remote	Order KA1441-6

DRIVE ROLLS

Drive rolls are available for welding with mild steel, stainless steel, and aluminium for solid or flux-cored wires. A total of ten wire sizes are available. Contact your nearest Lincoln distributor for details.

REDI-MIG 240 & 360 TORCHES

REDI-MIG 240 & 360 torches are supplied ready to feed 0.9 & 1.2mm solid steel wire respectively. Replacement consumable parts are compatible with other leading brands.

REDI-MIG 240 Torch.....Order 112P953E40

REDI-MIG 360 Torch.....Order 114P953E40

INNERSHIELD WELDING GUN

(For Self shielded or Gasless Wires)

Innershield (Self shielded / Gasless wire) welding gun with Euro connect fitting for best results with gasless wires.

Innershield Welding Gun K 126Order KA1325

CUSTOMER ASSISTANCE POLICY

The business of The Lincoln Electric Company is manufacturing and selling high quality welding equipment, consumables and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for advice or information about their use of our products. We respond to our customers based on the best information in our possession at that time. Lincoln Electric is not in a position to warrant or guarantee such advice and assumes no responsibility, with respect to such information or advice. We expressly disclaim any warranty of any kind, including any warranty of fitness for any customer's particular purpose, with respect to such information or advice. As a matter of practical consideration, we also cannot assume any responsibility for updating or correcting any such information or advice once it has been given, nor does the provision of information or advice create, expand or alter any warranty with respect to the sale of our products.

Lincoln Electric is a responsive manufacturer, but the selection and use of specific products sold by Lincoln Electric is solely within the control of, and remains the sole responsibility of the customer. Many variables beyond the control of Lincoln Electric affect the results obtained in applying these types of fabrication methods and service requirements.

Subject to Change - This information is accurate to the best of our knowledge at the time of printing.

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LINCOLN[®]
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THE WELDING EXPERTS

Your local Lincoln distributor is: