

# WELDING & CUTTING

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## The evolution of Sealey's range of Welding Machines

From our tried and tested traditional range of transformer welders, to the very latest compact and lightweight inverter technology, Sealey has a welder to suit all your needs.



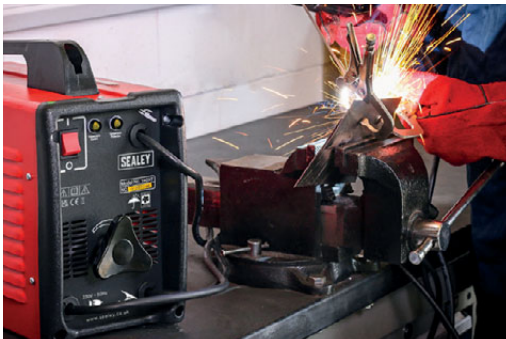
Buying Guide.



### A-B SEE TABLE

#### Arc Welders

Fitted with a forced air cooling system, these welders have increased duty cycle and performance. Both models feature a vented, wraparound shell fitted to a heavy-duty chassis. Screw-type, stepless welding control allows fine adjustment of current. Each welder is fitted with carry handle, Model No. 180XT also has wheels for added mobility. Supplied with accessory kit including electrode holder, cables, earth clamp, chipping hammer/wire brush.



**A** 140A

**B** 180A

**LIFETIME GUARANTEE\***  
Main Power TRANSFORMER

**A-B** Both models supplied with accessory kit.

**LIFETIME GUARANTEE\***  
Main Power TRANSFORMER

Lifetime Guarantee on the main power transformer of MIGHTYMIG®, SUPERMIG® and POWERMIG® welders. Comprises 1 year unconditional parts and labour followed by a lifetime guarantee conditional on registering your purchase.

	<b>A</b>	<b>B</b>
<b>Model No:</b>	140XT	180XT
<b>Welding Current:</b>	45-140A	60-180A
<b>Electrode Capacity:</b>	Ø1.6-3.2mm	Ø2-4mm
<b>Cooling:</b>	Forced Air	Forced Air
<b>Output Cable:</b>	10mm <sup>2</sup>	16mm <sup>2</sup>
<b>No-Load Voltage:</b>	48V	50V
<b>Absorbed Power:</b>	3kW	10kW
<b>Supply:</b>	230V*	230V*
<b>Plug Type:</b>	Bare Wire	Bare Wire
<b>Power Supply Cable Length:</b>	2.1m	2.1m
<b>Weight:</b>	17kg	21.7kg

\*Note: To achieve maximum power a 16A supply may be required.





## A-F SEE TABLE

## Mightymig® Gas/No-Gas MIG Welders

Our range of Mightymig® welders all feature a heavy-duty high output transformer and forced air cooling to maximize duty cycle performance.

Model No's MIGHTYMIG100 and 150 are supplied with comfort grip non-live torch, 1.8m earth cable, 1m gas hose (Model No. MIGHTYMIG150 only), 0.45kg flux cored wire and 1mm contact tip. Both units are supplied set-up in the gasless mode but Model No. MIGHTYMIG150 can be switched easily to use with gas by a simple change of polarity, and the purchase of a gas conversion kit (Model No. 120.802032).

Model No's MIGHTYMIG170, 190 and 210 are supplied with a high quality cool running Ergo 15.2 Euro torch thus ensuring a steadier weld bead, 2m earth cable, 1.4m of gas hose, twin gauged gas regulator, 0.6 and 0.8 tips. All three units are supplied set-up in gas mode, but can easily be switched to gasless mode by a simple change of polarity. Use in gasless mode will require the purchase of a spool of flux cored wire, a pack of 1mm tips and a 1mm wire feed roller.

Model No. MIGHTYMIG250 is supplied with a high quality cool running BINZEL® MB25 Euro torch, 3m earth cable, 1.4m of gas hose, twin gauged gas regulator, 0.8 and 1mm tips. Set-up in the gas welding mode but can easily be switched to gasless. Use in gasless mode will require the purchase of a spool of flux cored wire.

To weld aluminium, order a roll of 0.8mm aluminium wire, a packet of 0.8mm contact tips and a bottle of argon gas. See pages 764 to 767 for details of all of the above welding accessories and more.



Forced Air Cooling System directs air over the transformer slowing the heating process in order to increase duty cycle.



Euro Torch features fast action connection for easy maintenance and mobility. Includes heatproof cables and contour handle for comfort and control.



MIGHTYMIG150 can easily be switched to use with gas by a simple change of polarity and the purchase of a gas conversion kit. MIGHTYMIG170 and up are set to run with gas.

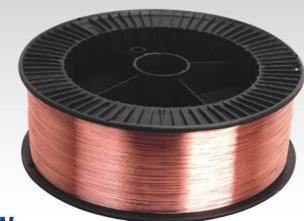


Accepts industrial sized gas bottles, regulator supplied. Contact your local supplier for gas bottle.



Includes a top quality industrial gas regulator suitable for use with industrial type cylinders.

## G



## G SEE BELOW

## Mild Steel MIG Welding Wire - A18 Grade

Top quality wound welding wire manufactured to BS EN ISO 14341:2008.

Model No:	Weight:	Diameter:
MIG/7K06	0.7kg	Ø0.6mm
MIG/7K08	0.7kg	Ø0.8mm
MIG/777706	5kg	Ø0.6mm
MIG/777708	5kg	Ø0.8mm

For our full range of MIG Wire, see page 766.



Lifetime Guarantee on the main power transformer of MIGHTYMIG®, SUPERMIG® and POWERMIG® welders. Comprises 1 year unconditional parts and labour followed by a lifetime guarantee conditional on registering your purchase.

Model No:	MIGHTYMIG100	MIGHTYMIG150
Welding Current:	55-100A	30-150A
Wire Capacity:	0.9kg Gasless only	0.9kg Gasless & 0.7kg Mild Steel
Duty Cycle:	60% @ 55A, 20% @ 90A	100% @ 30A, 15% @ 105A
Cooling System:	Forced Air	Forced Air
Gas Type:	n/a	CO <sub>2</sub> , Argon, CO <sub>2</sub> /Argon Mix
Torch:	1.8m Non-Live	2.1m Non-Live
Supply:	230V	230V
Plug Type:	3-Pin	3-Pin
Power Supply Cable Length:	2m	2m
Absorbed Power:	3kW	4.5kW
Weight:	14.5kg	26kg
Gasless Consumables:		
Flux Cored Wire (0.9kg x Ø0.9mm):	TG100/1	TG100/1
Replacement Tips 1mm (Pack of 5):	TG100/2	TG100/2



## GAS/NO GAS VERSATILITY

To convert to gas, just order a reel of regular wire, tips, bottle of gas and a conversion kit. The kit contains mini regulator plus gas connection hose (Model No. 120.802032).



**C**



**170A**



**Gas/No Gas**



**D**



**190A**

**E**



**210A**



**Gas/No Gas**



**F**



**250A**

	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>
<b>Model No:</b>	MIGHTYMIG170	MIGHTYMIG190	MIGHTYMIG210	MIGHTYMIG250
<b>Welding Current:</b>	40-170A	40-190A	45-210A	50-250A
<b>Wire Capacity:</b>	5kg	5-15kg	5-15kg	5-15kg
<b>Duty Cycle:</b>	100% @ 55A 60% @ 70A 15% @ 140A	100% @ 70A 60% @ 90A 15% @ 180A	100% @ 80A 60% @ 105A 15% @ 210A	100% @ 110A 60% @ 140A 15% @ 250A
<b>Cooling System:</b>	Forced Air	Forced Air	Forced Air	Forced Air
<b>Gas Type:</b>	CO <sub>2</sub> , Argon CO <sub>2</sub> /Argon Mix	CO <sub>2</sub> , Argon CO <sub>2</sub> /Argon Mix	CO <sub>2</sub> , Argon CO <sub>2</sub> /Argon Mix	CO <sub>2</sub> , Argon CO <sub>2</sub> /Argon Mix
<b>Torch:</b>	3m Euro Non-Live Ergo 15.2	3m Euro Non-Live Ergo 15.2	3m Euro Non-Live Ergo 15.2	3m Euro Non-Live BINZEL® MB25
<b>Supply:</b>	230V-16A*	230V-16A*	230V-16A*	230V-32A
<b>Plug Type:</b>	Bare Wire	Bare Wire	Bare Wire	Bare Wire
<b>Power Supply Cable Length:</b>	2m	2m	2m	2m
<b>Absorbed Power:</b>	5.4kW	7.2kW	9kW	11kW
<b>Case Size:</b>	Large	Large	Large	Extra-Large
<b>Weight:</b>	41.5kg	49.5kg	51.5kg	75kg
<b>Gasless Consumables:</b>				
<b>Flux Cored Wire (4.5kg x Ø0.9mm):</b>	TG100/4	TG100/4	TG100/4	-
<b>Replacement Nozzle (Pack of 2):</b>	-	-	-	MIG929
<b>Replacement Tips 0.8mm (Pack of 5):</b>	-	-	-	MIG917
<b>Replacement Tips 1mm (Pack of 5):</b>	TG100/2	TG100/2	TG100/2	TG100/2

\*Note: To achieve maximum power a 32A supply may be required.



**A-I SEE TABLE****Supermig® MIG Welders**

All our Supermig® models are suitable for welding with CO<sub>2</sub>, Argon or CO<sub>2</sub>/Argon mix. Each uses a Forced Air Cooling System to slow transformer heating in order to increase duty cycle. A non-live torch is fitted to prevent the risk of accidentally striking an arc. The exception being Model No. SUPERMIG100 which has a live torch. Model No. SUPERMIG150 and above are supplied with an industrial Argon/CO<sub>2</sub> regulator. A contract for the supply of gas should be arranged with your local gas distributor.



Forced Air Cooling System directs air over the transformer slowing the heating process in order to increase duty cycle.



Consistent control of weld period. Ideal for welding body panels. Essential function for all bodyshops.



Accepts industrial sized gas bottles, regulator supplied. Contact your local supplier for gas bottle.



Includes a top quality industrial gas regulator, suitable for use with refillable/disposable cylinders.



Includes a top quality industrial gas regulator, suitable for use with industrial type cylinders.



Euro Torch features fast action connection for easy maintenance and mobility. Includes heatproof cables and contour handle.

**A NEW**
**LIFETIME  
GUARANTEE\***  
Main Power  
TRANSFORMER
**100A**
**LIFETIME  
GUARANTEE\***  
Main Power  
TRANSFORMER

Lifetime Guarantee on the main power transformer of MIGHTYMIG®, SUPERMIG® and POWERMIG® welders. Comprises 1 year unconditional parts and labour followed by a lifetime guarantee conditional on registering your purchase.

**J****J BTR4****Universal Trolley for Portable MIG Welders**

Robust trolley carries portable MIG welder and gas bottle, making relocation of welding equipment quick and easy. Fitted with two fixed wheels and two castors for excellent manoeuvrability and supplied with bottle retaining chains and cable storage hooks. Upper tray for MIG welder and two lower trays for associated items. Suitable for portable MIG welders up to 300mm wide and 480mm long including Model No's MIGHTYMIG100, MIGHTYMIG150\*, SUPERMIG100, SUPERMIG130 and SUPERMIG140\*.

**Maximum Welder Width/Length:** 280/445mm

**Applications:** MIGHTYMIG100, MIGHTYMIG150\*, SUPERMIG100, SUPERMIG130, SUPERMIG140\*

\*Note: With foot, wheels and axle removed.

**B 130A**
**REGULATOR  
INCLUDED**
**C****140A**
**REGULATOR  
INCLUDED**
**D****150A**
**INDUSTRIAL  
REGULATOR  
INCLUDED**
**LIFETIME  
GUARANTEE\***  
Main Power  
TRANSFORMER

**NON  
LIVE  
TORCH**
**A****B****C****D**

Model No:	SUPERMIG100	SUPERMIG130	SUPERMIG140	SUPERMIG150
<b>Welding Current:</b>	40-100A	30-130A	30-140A	30-150A
<b>Wire Capacity:</b>	1kg Gasless only	0.7-5kg	0.7-5kg	0.7-5kg
<b>Duty Cycle:</b>	100% @ 32A, 35% @ 54A, 10% @ 100A	100% @ 30A, 60% @ 45A, 40% @ 65A, 20% @ 80A	100% @ 36A, 75% @ 41A, 50% @ 55A, 20% @ 80A	100% @ 47A, 60% @ 60A, 20% @ 105A
<b>Cooling System:</b>	Forced Air	Forced Air	Forced Air	Forced Air
<b>Spot Welding Timer:</b>	✗	✗	✗	✗
<b>Gas Type:</b>	n/a	CO <sub>2</sub> , Argon, CO <sub>2</sub> /Argon Mix	CO <sub>2</sub> , Argon, CO <sub>2</sub> /Argon Mix	CO <sub>2</sub> , Argon, CO <sub>2</sub> /Argon Mix
<b>Torch:</b>	2m Live	2m Non-Live	2m Non-Live	2m Non-Live
<b>Supply:</b>	230V-13A*	230V-13A*	230V-13A*	230V-16A*
<b>Plug Type:</b>	3-Pin	3-Pin	3-Pin	Bare Wire
<b>Power Supply Cable Length:</b>	2m	2m	2m	2m
<b>Absorbed Power:</b>	3.3kW	2.8kW	2.8kW	4.1kW
<b>Case Size:</b>	Compact	Compact	Compact	Compact
<b>Weight:</b>	15.6kg	20kg	22kg	30kg

\*Note: To achieve maximum power a 32A supply may be required.

**E**



**180A**

**F**



**200A**

**G**



**230A**



Spot-Weld Timer



**LIFETIME GUARANTEE\***  
Main Power TRANSFORMER

**H**



**250A**



Spot-Weld Timer



**LIFETIME GUARANTEE\***  
Main Power TRANSFORMER

**I**



**270A**



	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>
<b>Model No:</b>	SUPERMIG180	SUPERMIG200	SUPERMIG230	SUPERMIG255	SUPERMIG275
<b>Welding Current:</b>	30-180A	30-200A	30-230A	40-250A	40-270A
<b>Wire Capacity:</b>	5-15kg	5-15kg	5-15kg	5-15kg	5-15kg
<b>Duty Cycle:</b>	100% @ 56A, 75% @ 65A, 60% @ 73A, 15% @ 145A	100% @ 62A, 60% @ 80A, 15% @ 160A	100% @ 68A, 60% @ 88A, 15% @ 175A	100% @ 91A, 60% @ 118A, 20% @ 205A	100% @ 112A, 60% @ 146A, 20% @ 255A
<b>Cooling System:</b>	Forced Air	Forced Air	Forced Air	Forced Air	Forced Air
<b>Spot Welding Timer:</b>	✓	✓	✓	✓	✓
<b>Gas Type:</b>	CO <sub>2</sub> , Argon, CO <sub>2</sub> /Argon Mix	CO <sub>2</sub> , Argon, CO <sub>2</sub> /Argon Mix	CO <sub>2</sub> , Argon, CO <sub>2</sub> /Argon Mix	CO <sub>2</sub> , Argon, CO <sub>2</sub> /Argon Mix	CO <sub>2</sub> , Argon, CO <sub>2</sub> /Argon Mix
<b>Torch:</b>	3m Euro Non-Live BINZEL® MB15	3m Euro Non-Live BINZEL® MB15	3m Euro Non-Live BINZEL® MB15	3m Euro Non-Live BINZEL® MB15	3m Euro Non-Live BINZEL® MB24
<b>Supply:</b>	230V-16A*	230V-16A*	230V-16A*	230V-32A	230V-32A
<b>Plug Type:</b>	Bare Wire	Bare Wire	Bare Wire	Bare Wire	Bare Wire
<b>Power Supply Cable Length:</b>	2m	2m	2m	2m	2m
<b>Absorbed Power:</b>	5.7kW	7.4kW	8kW	8.7kW	12.6kW
<b>Case Size:</b>	Large	Large	Large	Extra-Large	Extra-Large
<b>Weight:</b>	44.5kg	45.3kg	49.5kg	67kg	78kg

\*Note: To achieve maximum power a 32A supply may be required.



**A-D SEE BELOW****Industrial MIG Welders**

Tried and trusted by fabricators and professional car repair shops across the UK. Superb quality, heavy-duty electronic wire drive motors and industrial transformers make these machines unrivalled in performance and value - just check the specifications. Ideal for industrial use where 415V 3-phase supply is available. These top-of-the-range 3-phase units are covered by a lifetime guarantee\* on the transformer, and supported by a 1 year unconditional parts and labour guarantee. Main units are covered by the Sealey 3 year guarantee on registering your purchase with us online at [www.sealey.co.uk](http://www.sealey.co.uk). Model No's POWERMIG6025S and POWERMIG6035S both feature a wire drive system with two and four touch on/off mechanism and 5m umbilical extension, to allow access in to high or tight areas where the welder will not fit. Each unit is supplied with 0.8mm steel wire, non-live torch and industrial Argon/CO2 regulator. All can be used with CO2, Argon or CO2/Argon mix and accept any bottle size.


**A** 250A Spot-Weld Timer

 Spot-Weld Timer **300A** **B**
**C**

250A

Portable Wire Drive

**D**

350A

Portable Wire Drive



	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
<b>Model No:</b>	POWERMIG3525	POWERMIG3530	POWERMIG6025S	POWERMIG6035S
<b>Welding Current:</b>	40-250A	56-300A	50-250A	60-350A
<b>Wire Capacity:</b>	15kg	15kg	15kg	15kg
<b>Duty Cycle:</b>	100% @ 148A, 60% @ 190A, 35% @ 250A	100% @ 177A, 60% @ 229A, 35% @ 300A	100% @ 194A, 80% @ 217A, 60% @ 250A	100% @ 270A, 60% @ 303A, 20% @ 350A
<b>Cooling System:</b>	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
<b>Spot Welding Timer:</b>	✓	✓	✗	✗
<b>Gas Type:</b>	CO <sub>2</sub> , Argon, CO <sub>2</sub> /Argon Mix	CO <sub>2</sub> , Argon, CO <sub>2</sub> /Argon Mix	CO <sub>2</sub> , Argon, CO <sub>2</sub> /Argon Mix	CO <sub>2</sub> , Argon, CO <sub>2</sub> /Argon Mix
<b>Torch:</b>	3m Euro Non-Live BINZEL® MB24	3m Euro Non-Live BINZEL® MB24	3m Euro Non-Live BINZEL® MB24	3m Euro Non-Live BINZEL® MB24
<b>Supply:</b>	415V - 3hp	415V - 3hp	415V - 3hp	415V - 3hp
<b>Plug Type:</b>	Bare Wire	Bare Wire	Bare Wire	Bare Wire
<b>Power Supply Cable Length:</b>	3.5m	3.5m	3.5m	3.5m
<b>Absorbed Power:</b>	9.2kW	11.5kW	11.5kW	15.9kW
<b>Case Size:</b>	Extra-Large	Extra-Large	Extra-Large	Extra-Large
<b>Weight:</b>	78kg	89kg	133kg	139kg

**A-D SEE BELOW**

**TIG/MMA Inverter Welders**

Lightweight, powerful and incredibly versatile. Inverters offer many advantages over traditional transformer type welders. These units use high quality state-of-the-art technology for the perfect weld, for example, fan-cooled DC power supply for TIG welding applications. Suitable for welding steel, stainless steel, copper, nickel, titanium and their alloys. Outer case manufactured from pressed steel with a powder coated finish for extra corrosion resistance. Ideal for the mobile technician or applications where the power unit needs to be taken to the job. Supplied with MMA/TIG accessories.



	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
<b>Model No:</b>	<b>TIG130</b>	<b>TIG160</b>	<b>TIG180S</b>	<b>TIG200S</b>
<b>Power Output:</b>	20-130A	20-160A	5-180A	5-200A
<b>Duty Cycle:</b>	20% @ 130A, 60% @ 75A, 100% @ 60A	20% @ 160A, 60% @ 90A, 100% @ 70A	20% @ 180A, 60% @ 104A, 100% @ 80A	20% @ 200A, 60% @ 115A, 100% @ 89A
<b>Electrode Capacity:</b>	Ø1.6-3.2mm	Ø1.6-4mm	Ø1.6-3.2mm	Ø1.6-3.2mm
<b>Absorbed Power:</b>	4.25kW	5.1kW	7.6kW	8.8kW
<b>Supply:</b>	230V*	230V*	230V**	230V**
<b>Plug Type:</b>	Bare Wire	Bare Wire	Bare Wire	Bare Wire
<b>Power Supply Cable Length:</b>	2m	2m	2m	2m
<b>IP Rating:</b>	IP21S	IP21S	IP21S	IP21S
<b>Weight:</b>	7.02kg	8.38kg	13.5kg	13.7kg
<b>MMA Electrode Holder:</b>	✓	✓	<b>MMA01</b>	<b>MMA01</b>
<b>TIG Torch:</b>	✓	✓	<b>TIG11S</b>	<b>TIG12S</b>

\*Note: To achieve maximum power a 16A supply may be required. \*\* Note: To achieve maximum power a 32A supply may be required.



**E TIG200HFACDC**

**200A TIG/MMA HF AC/DC Inverter Welder 230V**

Fan-cooled AC/DC power supply for pulse TIG and MMA welding applications. Suitable for welding aluminium, magnesium, stainless steel, steel, copper, nickel and titanium. TIG cycle includes post gas and current down-slope regulation. Features regulated high frequency (HF) push-button arc that prevents having to touch the workpiece to start, keeping the tip in good condition for longer. Includes connector for foot pedal when more control is required.

<b>Power Output:</b>	10-200A
<b>Duty Cycle:</b>	100% @ 77A, 15% @ 200A
<b>Electrode Capacity:</b>	Ø1.6-4mm
<b>Absorbed Power:</b>	8kW
<b>Supply:</b>	230V*
<b>Plug Type:</b>	Bare Wire
<b>Power Supply Cable Length:</b>	2m
<b>Insulation Class:</b>	H
<b>IP Rating:</b>	IP21S
<b>Weight:</b>	23.5kg
<b>Accessories:</b>	
<b>MMA Electrode Holder (Optional):</b>	<b>MMA01</b>
<b>TIG Torch (Included):</b>	<b>TIG12S</b>
<b>F Foot Pedal (Optional):</b>	<b>TIG200HFACDCF</b>

\*Note: to achieve maximum power a 32A supply may be required.

Material	Inverter Type		
	ARC	TIG DC	TIG AC/DC
Mild Steel	✓	✓	✓
Stainless Steel	✓	✓	✓
Cast Iron	✓	✓	✓
Aluminium	✓	✗	✓
Copper	✗	✓	✓
Brass	✗	✓	✓
Nickel	✗	✓	✓
Titanium	✗	✓	✓





**Premier**

**3 YEAR  
GUARANTEE\***

**A-D SEE BELOW  
MMA/ARC Inverter Welders**

Lightweight, powerful and incredibly versatile, inverters offer many advantages over traditional transformer type welders. Inverters use state-of-the-art electronic components to produce fully portable power sources for arc welding. For example, Model No. MW160i will produce up to 160A at 20% duty cycle; a conventional 160A welder would have a duty cycle of around 10%. Manufactured from pressed steel with a powder coated finish for extra corrosion resistance, with ergonomically designed composite end for a stylish design and keeping weight below 7kg. Features a carry handle for portability which allows the welder to be taken to the job at hand, ideal for mobile technicians.

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
<b>Model No:</b>	MW140i	MW160i	MW180i	MW200i
<b>Welding Current:</b>	20-140A	20-160A	20-180A	20-200A
<b>Duty Cycle:</b>	100% @ 63A, 60% @ 81A, 20% @ 140A	100% @ 72A, 60% @ 92A, 20% @ 160A	100% @ 80A, 60% @ 104A, 20% @ 180A	100% @ 89, 60% @ 115A, 20% @ 200A
<b>Absorbed Power:</b>	5.75kW	6.9kW	6.5kW	9.2kW
<b>Electrode Capacity:</b>	Ø1.6-3.2mm	Ø1.6-4mm	Ø1.6-4mm	Ø1.6-5mm
<b>Supply:</b>	230V-13A*	230V-16A*	230V-16A*	230V-16A*
<b>Plug Type:</b>	3-Pin	Bare Wire	Bare Wire	Bare Wire
<b>Power Supply Cable Length:</b>	2m	2m	2m	2m
<b>IP Rating:</b>	IP21S	IP21S	IP21S	IP21S
<b>Weight:</b>	4.9kg	4.9kg	5.56kg	5.56kg
<b>TIG Accessory Kit (Optional):</b>	-	-	TIG10S	TIG10S

\*Note: To achieve maximum power a 16A supply may be required.



**E-G SEE BELOW  
MINI MMA/ARC Inverter Welders**

Ultra compact and lightweight range of MMA inverter welders, weighing approximately 4kg. Portability allows the welder to be taken to the job at hand, ideal for mobile technicians and enthusiasts. These units can ARC/MMA weld a variety of rods including rutile, basic and stainless from Ø1.6mm up to Ø4mm\*. Features LED display, with thermal cut-out protection, anti-stick, arc force and hot start functions. Supplied with 1.6m, 12 or 16mm<sup>2</sup> cable\* with electrode holder and a 1.4m, 12 or 16mm<sup>2</sup> earth clamp and cable\*, both with 10-25 DINSE connectors. Forced air cooling system.

\*Refer to specific models for diameter of rods and cables.

	<b>E</b>	<b>F</b>	<b>G</b>
<b>Model No:</b>	MINIMW120i	MINIMW140i	MINIMW160i
<b>Welding Current:</b>	20-120A	20-140A	20-160A
<b>Duty Cycle:</b>	100% @ 93A 60% @ 120A	100% @ 108A 60% @ 140A	100% @ 124A 60% @ 160A
<b>Absorbed Power:</b>	3.5kW	4.2kW	5.0kW
<b>Electrode Capacity:</b>	Ø1.6-3.2mm	Ø1.6-3.2mm	Ø1.6-4.0mm
<b>Supply:</b>	230V-16A*	230V-16A*	230V-16A*
<b>Plug Type:</b>	Bare Wire	Bare Wire	Bare Wire
<b>Power Supply Cable Length:</b>	2m	2m	2m
<b>IP Rating:</b>	IP21S	IP21S	IP21S
<b>Weight:</b>	3.7kg	3.9kg	4.1kg

\*Note: To achieve maximum power a 16A supply may be required.

**A NEW 100A**



**NON LIVE TORCH** **MIG**

**Gasless**



**A MINIMIG100**

**100A No-Gas Inverter MIG Welder**

Ultra compact and lightweight unit . Portability allows the welder to be taken to the job at hand. Supplied with handy carry strap. Unit can MIG weld using 1kg, Ø0.8 and 0.9mm flux cored MIG wire. Supplied with fixed non-live MIG torch, 2m cable and a 2m 10mm<sup>2</sup> earth clamp and cable. Forced air cooling system.

<b>Welding Current:</b>	30-100A
<b>Duty Cycle:</b>	100% @55A , 60%, @ 71A, 30% @ 100A
<b>Wire Capacity:</b>	1kg Ø0.8 & 0.9mm Flux Cored MIG Wire
<b>Supply:</b>	230V*
<b>Plug Type:</b>	3-Pin
<b>Power Supply Cable Length:</b>	2m
<b>IP Rating:</b>	IP21S
<b>MIG Torch:</b>	Non-Live
<b>Weight:</b>	6.5kg

\*Note: To achieve maximum power a 16A supply may be required.

**B 160A**

**MIG**  
**MMA**



**MIG**  
**MMA**

**C 180A**



**D 200A**

**MIG**  
**TIG**  
**MMA**



**E 200A**



**MIG**  
**TIG**  
**MMA**



**NON LIVE TORCH**

**Gas/No Gas**

**3 YEAR GUARANTEE\***



**B-E SEE BELOW**  
**MIG Inverter Welders**

Inverter welders offer many advantages over the traditional transformer type, giving greater duty cycles and more power factor efficiency. Fan cooled DC power supply, MIG welds steel, stainless steel, copper, nickel, titanium and their alloys. Can be used in gas and gasless mode. Thermal overload protection which automatically switches the welder off when it exceeds maximum temperature. Front panel includes dials for voltage output and wire speed with indicator lights for input power and alarm status. Supplied with 3m Euro MIG torch, 2m 16mm<sup>2</sup> earth cable, both with 10-25 quick connectors, 3m gas hose and regulator. Model No. INV200 and INV200LCD also suitable for MMA/ARC welding with a variety of rods including rutile, basic and stainless from Ø1.6mm to Ø4mm.

	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>
<b>Model No:</b>	<b>IMIG160</b>	<b>IMIG180</b>	<b>INV200</b>	<b>INV200LCD</b>
<b>Welding Current:</b>	30-160A	30-180A	30A - 200A	40A - 200A
<b>Duty Cycle MIG:</b>	100% @ 72A , 60%, @ 92A, 20% @ 160A	100% @ 80A , 60%, @ 104A, 20% @ 180A	100% @ 77A, 60% @ 100A, 15% @ 200A	20% @ 200A, 100% @ 89A
<b>Duty Cycle TIG:</b>	100% @ 58A , 60%, @ 75A, 20% @ 130A	100% @ 67A , 60%, @ 87A, 20% @ 150A	100% @ 77A, 60% @ 100A, 15% @ 200A	20% @ 180A, 100% @ 80A
<b>MMA (Arc):</b>	-	-	100% @ 66A, 60% @ 85A, 15% @ 170A	20% @ 180A, 100% @ 80A
<b>Wire Capacity:</b>	5kg	5kg	5kg	5kg
<b>Electrode Capacity:</b>	Ø1.6-4mm	Ø1.6-4mm	Ø1.6-4mm	Ø1.6-4mm
<b>Absorbed Power:</b>	-	-	-	8.6kW
<b>Gas Type:</b>	CO <sub>2</sub> , Argon, CO <sub>2</sub> /Argon Mix	CO <sub>2</sub> , Argon, CO <sub>2</sub> /Argon Mix	CO <sub>2</sub> , Argon, CO <sub>2</sub> /Argon Mix	CO <sub>2</sub> , Argon, CO <sub>2</sub> /Argon Mix
<b>MIG Torch (Inc):</b>	Euro Non-Live BINZEL® MB15*	Euro Non-Live BINZEL® MB15*	Euro Non-Live BINZEL® MB15*	Euro Non-Live BINZEL® MB15*
<b>Supply:</b>	230V**	230V**	230V**	230V**
<b>Plug Type:</b>	3-Pin	Bare Wire	Bare Wire	Bare Wire
<b>Power Supply Cable Length:</b>	2.2m	2.2m	2.2m	2.2m
<b>IP Rating:</b>	IP21S	IP21S	IP21S	IP21S
<b>Weight:</b>	14.5kg	14.5kg	15.7kg	20kg
<b>MMA Accessory Kit (Optional):</b>	<b>MMA01</b>	<b>MMA01</b>	<b>MMA01</b>	<b>MMA01</b>
<b>TIG Torch (Optional):</b>	-	-	<b>TIG10S</b>	<b>TIG10S</b>

\*Note: Included as standard. \*\*Note: To achieve maximum power a 32A supply may be required.





**A PP40PLUS**  
40A Plasma Inverter with Compressor

Features an integral compressor yet weighs only 18.5kg. Inverter power supply fitted with plasma cutter control circuitry. With built-in 4m plasma torch, earth cable and 4m gas hose. Features an LED display for the current output and dial adjustment from 15-40A. Three indication lights show voltage input, amps output and thermal overload. Uses air to strike arc making it suitable for use near electrical equipment. Ideal for cutting steel, stainless steel, galvanized steel, aluminium, copper and brass.



**B PP40E**  
40A Plasma Cutter Inverter

Inverter power supply fitted with plasma cutter control circuitry. Features digital amp display and two LEDs on the front panel indicating overload and mains power. Supplied with a 4.6m plasma torch, 2m earth cable, 2m gas hose and regulator. Ideal for cutting steel, stainless steel, galvanized steel, aluminium, copper and brass.

	<b>A</b>	<b>B</b>
<b>Model No:</b>	PP40PLUS	PP40E
<b>Output:</b>	15-40A	8-40A
<b>Duty Cycle:</b>	20% @ 40A, 30% @ 35A, 60% @ 25A	60% @ 40A, 100% @ 30A
<b>Maximum Cutting Thickness:</b>	10mm	11mm
<b>Air Requirements:</b>	Integral Compressor	250L/min
<b>Air Pressure:</b>	n/a	43.5-58psi
<b>Absorbed Power:</b>	6.9kW	6.2kW
<b>Supply:</b>	230V*	230V*
<b>Plug Type:</b>	Bare Wire	Bare Wire
<b>Power Supply Cable Length:</b>	2.5m	2.5m
<b>Insulation:</b>	F	F
<b>IP Rating:</b>	IP21S	IP21S
<b>Weight:</b>	18.5kg	9.4kg
<b>Accessories:</b>	✓	✓
<b>Replacement Consumables:</b>		
<b>Electrode, Short (Pack of 5):</b>	PP40PLUS.E	PP40E.E
<b>Nozzle, Short (Pack of 5):</b>	PP40PLUS.N	PP40E.N
<b>Diffuser (Pack of 5):</b>	PP40PLUS.D	PP40E.D
<b>Safety Cap (Pack of 2):</b>	PP40PLUS.SC	PP40E.SC

\*Note: To achieve maximum power a 32A supply may be required.



**C TIG11S**  
16mm<sup>2</sup> Inverter TIG Welding Torch with Push-Button

Inverter TIG torch with 2-pin connector and push-button for HF (High Frequency) start welding. Suitable for use with Model No. TIG160. Supplied with three ceramic nozzles, three collets, collet holder/diffuser, short end cap, long end cap, two hose clamps, along with a tungsten welding electrode.

**Contents:** Ceramic Nozzles; 5, 6, 7, Collets; 1.6, 2, 2.4mm, Collet Holder/Diffuser, Short End Cap, Long End Cap, Hose Clamps (x2), Tungsten Welding Electrode  
**Electrode Capacity:** 1.6, 2, 2.4mm



**D TIG12S**  
25mm<sup>2</sup> Inverter TIG Welding Torch with Push-Button

Inverter TIG torch with 2-pin connector and push-button for HF (High Frequency) start welding. Suitable for use with Model No's TIG180S and TIG200S. Supplied with three ceramic nozzles, three collets, collet holder/diffuser, short end cap, long end cap, two hose clamps, along with a tungsten welding electrode.

**Contents:** Ceramic Nozzles; 5, 6, 7, Collets; 1.6, 2, 2.4mm, Collet Holder/Diffuser, Short End Cap, Long End Cap, Hose Clamps (x2), Tungsten Welding Electrode  
**Electrode Capacity:** 1.6, 2, 2.4mm



**E TIG10S**  
16mm<sup>2</sup> Inverter TIG Welding Torch

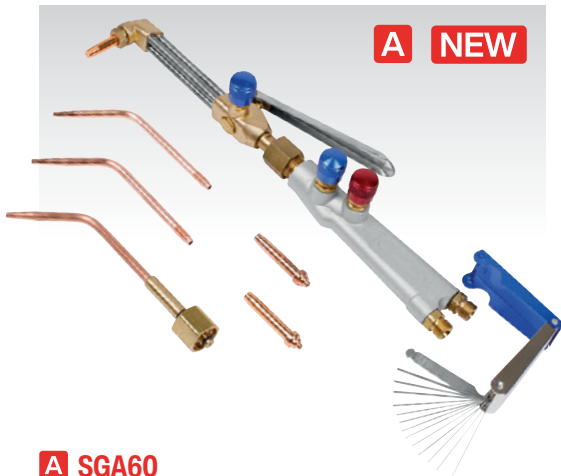
Suitable for Sealey and other leading brands of inverter welders fitted with Dinse connectors.

**Contents:** TIG Torch with On-Gun Gas Control, Collets, Nozzles  
**Electrode Capacity:** 1, 1.6, 2mm



**F MMA01**  
MMA Electrode Holder with 2m 25mm<sup>2</sup> Cable & DINSE Connector

Electrode holder suitable for Sealey and other leading brands of inverters with DINSE connectors.

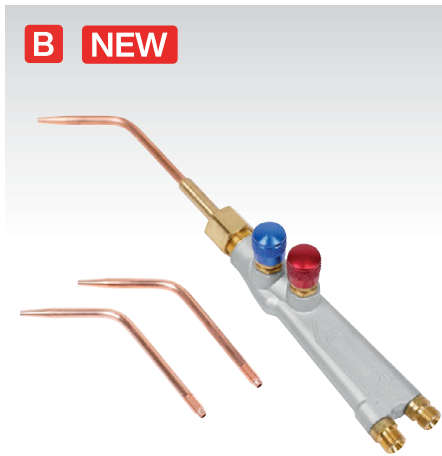


**A NEW**

**A SGA60**

**Oxyacetylene Welding/Cutting Torch Set**

Supplied with AFNM nozzle sizes: 1/16", 3/64" and 1/32" suitable for cutting up to 75mm plate. Welding torch dual controls allow for separate control over oxygen and acetylene flow creating different flames. Supplied with No's 2, 5 and 10 lightweight welding nozzles. Cleaning tool is designed for cleaning cutting nozzles. High quality lightweight copper cutting and welding nozzles.



**B NEW**

**B SGA20**

**Oxyacetylene Welding Torch Set**

Uses a mixture of oxygen and acetylene to weld. Separate oxygen and acetylene controls means it is easy to create different flames. Supplied with No's 2, 5 and 10 lightweight welding nozzles.



**C NEW**

**D NEW**

**C-D SEE BELOW**

**Oxygen & Acetylene Regulators**

Twin gauge regulators comply to BS EN 2503 with bull nose adaptors and 3/8" BSP hose unions. Displays bottle pressure and working pressure for oxygen or acetylene.

Model No:	Gas Type:
<b>C SGA30</b>	Oxygen
<b>D SGA40</b>	Acetylene



**E**

5m

**E SGA5**

**5m Twin Rubber Oxyacetylene Hose Set**

Fitted with check valves and 3/8" BSP swivel unions. Conforms to ISO 3821 (EN 559).



**G**

5m

10m

**G SEE BELOW**

**Oxyacetylene Welding Hose Sets**

Pairs of Ø10mm hoses fitted with check valves and 3/8" BSP swivel unions. Conforms to ISO 3821 (EN 559).

Model No:	Length:
WH05	5m
WH10	10m



**H**

**H SGA1.L**

**Spark Lighter**

Single flint spark lighter suitable for lighting gas torches. Features cup shape shield to trap gas and ensure ignition.

Length:	195mm
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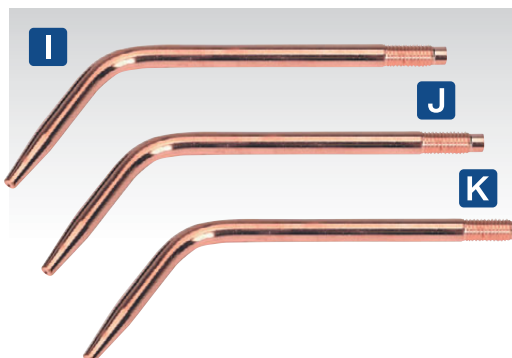
**F NEW**

For Welding Bottle Trolleys, see page 811.

**F SGA10**

**Oxyacetylene Welding & Cutting Set**

A complete set of regulators and torches for oxyacetylene gas welding. Single stage gas regulators with two gauges to show bottle pressure and working pressure. 5m Twin gas hose set with hose check valves (to torch) and EN 730 compliant pressure activated flash arrestors (to regulators). Welding torch with three lightweight nozzles. Cutting torch attachment with three AFNM cutting nozzles. Cup design spark lighter traps gas to ensure ignition. Supplied with storage bag.



**I**

**J**

**K**

**I-K SEE BELOW**

**Lightweight Welding Nozzles**

Model No:	Size:
<b>I SGA1/LW02</b>	No.2
<b>J SGA1/LW05</b>	No.5
<b>K SGA1/LW10</b>	No.10



**L NEW**

**M NEW**

**L-M SEE BELOW**

**Flash Back Arrestors**

Protects operators, regulators and gas supply from the consequences of severe forms of flashback. Colour-coded for easy recognition.

Model No:	Gas Type:
<b>L SGA3/FBA</b>	Oxygen
<b>M SGA4/FBA</b>	Acetylene



**A SR122**

**Spot Welder with Timer**

Semi-automatic spot welder. Composite casing and handle reduce heat transfer for operator comfort. Die-cast aluminium head and chassis reduces overall weight for improved handling. Integral synchronous timer enables adjustable spot time of between 0.1 and 1.2 seconds. Fully adjustable jaw pressure from 40kg to 120kg enables close control of weld quality. Supplied with 120mm welding arms, electrodes and side handle.

Supply:	230V
Plug Type:	Bare Wire
Power Supply Cable Length:	2.7m
Capacity:	1+ 1mm
Maximum Absorbed Power:	6kW
Mains Fuse:	16A
Welding Current (Maximum):	3800A
Duty Cycle:	1.5%
Insulation Class:	B
Weight:	10.5kg



**B SR123**

**Spot Welder with Digital Timer**

Semi-automatic spot welder. Integral electronic control allows operator to select thickness of material while automatically calculating the optimum weld duration. Also features pulse mode for use on high stress steels commonly found in modern vehicle construction. All automatically selected parameters may be overridden by the operator if required. Composite casing and handle reduce heat transfer for operator comfort. Die-cast aluminium head and chassis reduces overall weight for improved handling. Fully adjustable jaw pressure from 40kg to 120kg enables close control of weld quality. Supplied with 120mm welding arms, electrodes and side handle.

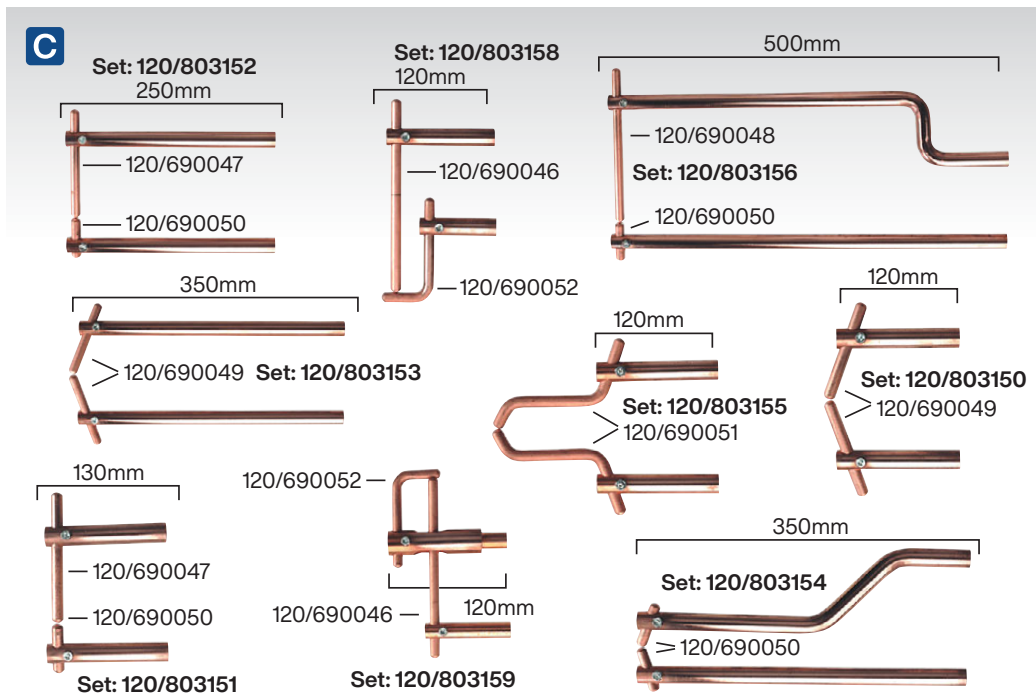
Supply:	230V
Plug Type:	Bare Wire
Power Supply Cable Length:	2.3m
Capacity:	2 + 2mm
Maximum Absorbed Power:	13kW
Mains Fuse:	25A
Welding Current (Maximum):	6300A
Duty Cycle:	1.5%
Insulation Class:	B
Weight:	11kg



**C SEE RIGHT**

**Spot Welding Arms for SR122 & SR123**

A comprehensive range of heavy-duty spot welding arms suitable for Sealey and other brands of welder. Sets include electrodes and cotter pins. We recommend the use of an electrode sharpener to retain the optimum tip configuration and performance.



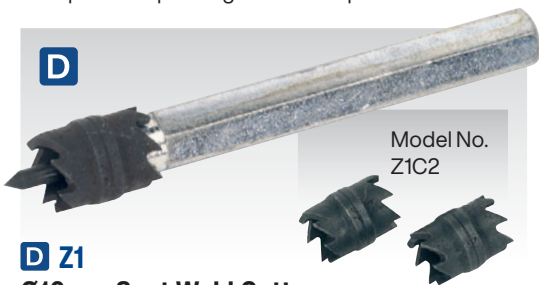
**D**

**D Z1**

**Ø10mm Spot Weld Cutter**

Suitable for drilling out spot welds on most vehicle panels. Features spring loaded centre point to guide cutting crown onto weld.

Replacement Cutters (Pack of 2):	Z1C2
----------------------------------	------



**E AK4730**

**9pc Ø10mm Spot Weld Cutter & Drill Bit Set**

Suitable for drilling out spot welds on most vehicle panels. Spot weld cutter features spring loaded centre point to guide cutting crown onto weld. 8mm HSS drill with 5% Cobalt for longer life, suitable for more specialist materials including galvanized, boron and high stress steels. Solid cobalt stock allows resharpener, extending product life. Set includes replacement centre points and cutter crowns. Supplied in metal storage case.

**Contents:** Spot Weld Cutter, 8mm Cobalt Spot Weld Drill, Centre Points (x2), Ø10mm Cutter Crowns (x5)

Replacement Cutters (Pack of 2):	Z1C2
----------------------------------	------





230V



**A SR2000 Stud Welding Kit**

Professional quality stud welder for fast, efficient body repairs. Removes dents quickly, without holes or the need to remove interior trim. No burn through means that removal of studs and washers is easy and preparation work before repainting is minimized. Suitable for use on steel or aluminium and can weld studs, washers and tabs. Patented quick puller attachment allows removal of smaller dents without the need for studs or washers. Supplied in heavy-duty storage case.

<b>Contents:</b>	Welding Gun, Power Unit, Quick Puller, Electrodes for Welding, Washers; Round (x10), Triangle (x10), 55 x 22mm Tabs (x10), M4 x 15 Studs (x10), M4 Puller Washer, Earth Bars; 70mm (x2), 155mm
<b>Supply:</b>	230V
<b>Plug Type:</b>	3-Pin
<b>Power Supply Cable Length:</b>	2.6m
<b>Mains Fuse:</b>	13A
<b>Maximum Short Circuit Current:</b>	5000A
<b>Voltage Range:</b>	18V AC Output 24V DC, 32V AC Output 44V DC, 18V AC Output 24V DC
<b>Weight of Gun:</b>	2.25kg

**K SR20 Stud Welder with Slide Hammer**

A welder of exceptionally quality for fast, efficient body repairs. Removes dents quickly, without holes or the need to remove interior trim. Amazing pulling power - even on heavier gauge panels. Welds on washers and nails. Supplied in heavy-duty storage case.

<b>Contents:</b>	Welding Gun, Slide Hammer, Electrodes for Welding, Nails; 2mm (x200), 2.5mm (x200), Washers; Ø16mm (x50), Washer Hook & Washer Extension Electrode, Heavy-Duty Case
<b>Supply:</b>	230V
<b>Plug Type:</b>	Bare Wire
<b>Power Supply Cable Length:</b>	2.6m
<b>Mains Fuse:</b>	16A
<b>Power @ 50%:</b>	0.8kW
<b>Maximum Welding Power:</b>	6kW
<b>Maximum Short Circuit Current:</b>	2500A
<b>Weight:</b>	4.9kg



16A



Supplied with accessories

B

**B SR2000P Stud Welding Puller**

Stud Welding Puller for use with tabs and washers. Adjustable legs have four profiles on the base for different size and shapes of dents. Threaded centre can also be pulled through for use on larger dent removal.

<b>Size/Spread:</b>	190mm
<b>Reach:</b>	80mm



C

**C SR2000TS Tab Shooter for SR2000**

Tab Shooter for use with Model No. SR2000. Holds multiple tabs (Model No. SR2000.T) and loads them semi-automatically for fast and efficient use. Guide on side provides quick and easy alignment for next tab.



**D-J NOT ILLUSTRATED**

**Electrode Kit, Studs, Washers and Tabs for SR2000**

Model No:	Description:	Pack Qty:
<b>D SR2000.E</b>	Electrode Kit	1
<b>E SR2000.AM</b>	Al-Mg Studs	10
<b>F SR2000.AMS</b>	Al-Mg-Si Studs	10
<b>G SR2000.PW</b>	Pull Washers	10
<b>H SR2000.SW</b>	Star Washers	10
<b>I SR2000.T</b>	Tabs	10
<b>J SR2000.TW</b>	Triangle Washers	10

L

NEW



M

NEW



N

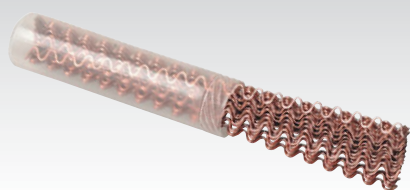


Pack of 50

**L-N SEE BELOW Stud Welding Nails & Washers**

Model No:	Description:	Pack Qty:
<b>L PS/002</b>	Stud Welding Nail 2.5 x 50mm	100
<b>L PS/00250/200</b>	Stud Welding Nail 2.5 x 50mm	200
<b>M PS/003</b>	Stud Welding Nail 2 x 50mm	100
<b>M PS/000350/200</b>	Stud Welding Nail 2 x 50mm	200
<b>N PS/000450</b>	Stud Welding Washer Ø8 x Ø16 x 1.5mm	50

O



**O RE100/WS Wavy-Wire Strip for Panel Pulling System**  
Pack of 50. Suitable for panel pulling systems.





**A ST28S**  
Welding Bottle Trolley - 1 Bottle

Lightweight tubular steel frame with large wheels for easy transportation of heavy cylinders. Accepts cylinders of up to Ø250mm.

Maximum Cylinder Diameter: Ø250mm



**B ST28/B**  
Welding Bottle Trolley - 2 Bottle

Lightweight tubular steel frame with large wheels for easy transportation of heavy cylinders. Accepts cylinders of up to Ø300mm.

Maximum Cylinder Diameter: Ø300mm



**C ST28P**  
Welding Bottle Trolley with Pneumatic Tyres - 2 Bottle

Lightweight tubular steel frame. Extra-large wheels, fitted with pneumatic tyres for use over uneven surfaces and rough terrain. Accepts cylinders of up to Ø300mm.

Maximum Cylinder Diameter: Ø300mm



**D-E SEE BELOW**  
Welding Vices

Cast iron welding vices to aid welding a 90° angle. Self-centring swivel jaw allows two different size workpieces to be accurately welded. Copper plated spindle for resistance to weld spatter. Can be bench mounted through holes in the base.

	<b>D</b>	<b>E</b>
Model No:	SWV165	SWV215
Jaw Opening:	75mm	110mm
Throat Depth:	35mm	65mm



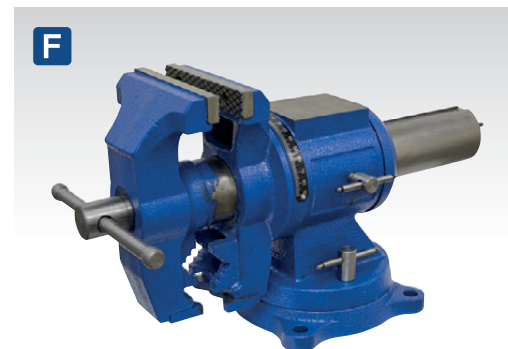
**G SBK12**  
120ml Burn Relief Gel

Made specifically to relieve the pain of minor burns. Effective as soon as applied, by soothing and cooling minor burns and scalds. Ideal for use in the workshop or at home.



**H SBK10**  
100 x 100mm Burn Relief Dressing

Sterile burn dressing to relieve the pain, cool the burn and protect against airborne contamination. Ideal for use in the workplace or at home.



**F MFV150**  
150mm Cast Iron Multifunction Swivel Base Vice

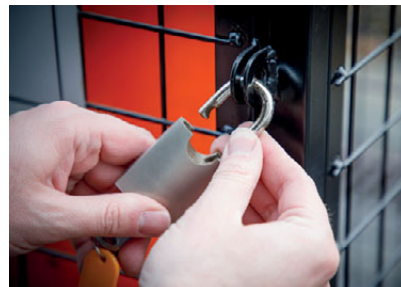
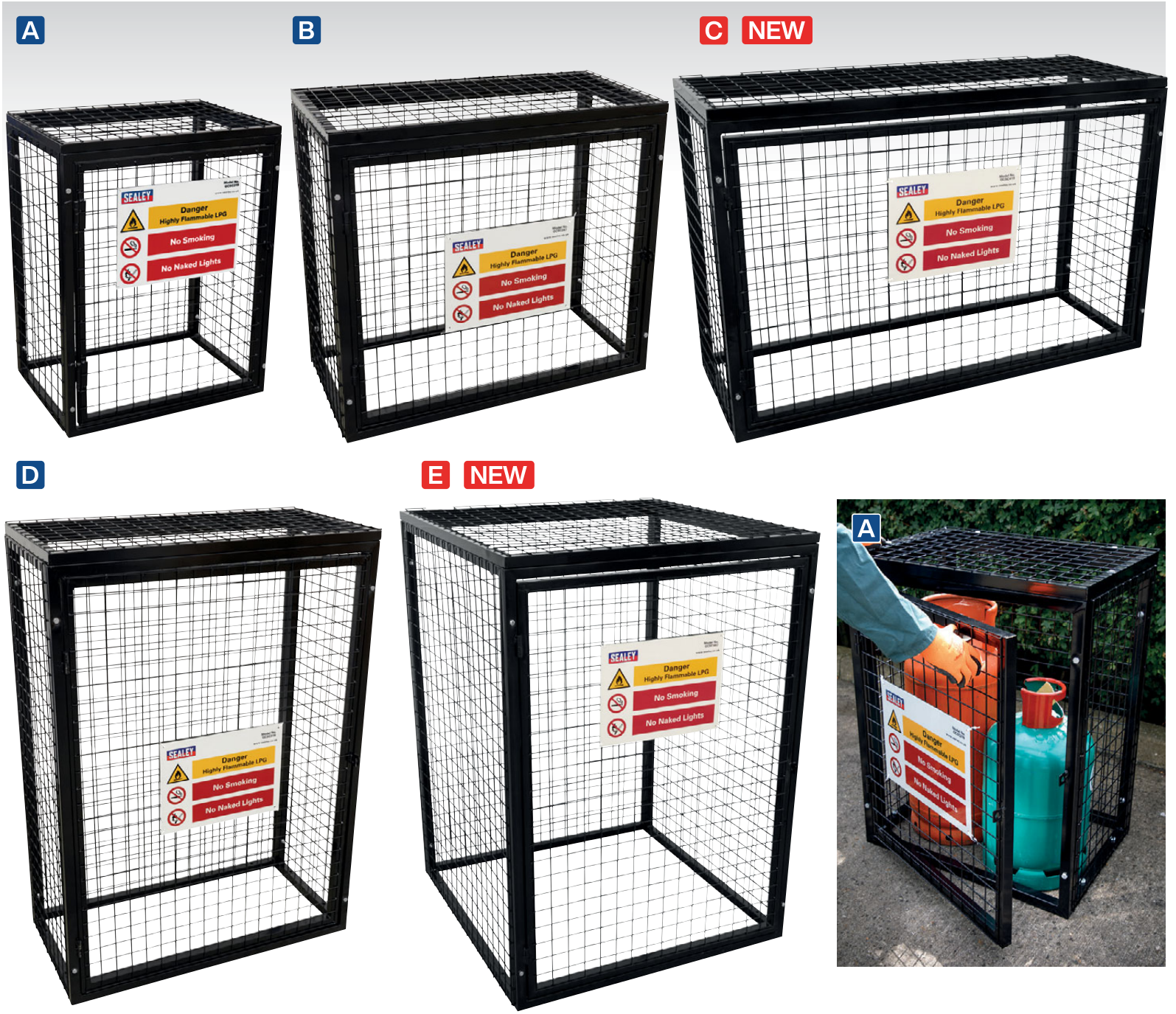
Bench mounting vice with cast iron body and replaceable, diamond pattern face jaws. Features a 360° swivel base and moving body that include 3-jaws: straight, pipe and V-jaws. Includes a large anvil and two scale rulers for accurate work. Suitable for workshop, garage and machine shop use. 2 Year guarantee\* against breakage.

Jaw Opening:	125mm
Throat Depth:	150mm



**I SAG115**  
Ø115mm Angle Grinder 900W

For full details, see page 878.



**A-E SEE BELOW**  
**Gas Cylinder Safety Cages**

Powder coated galvanised 30mm box frames with 50mm x 50mm x 3mm wire mesh. Hinged door with hasp and staple for padlock (not provided - see pages 1070 - 1071). Pre-drilled fixing points for bolting to solid surface. Supplied flat-packed for easy self-assembly. Supplied with safety sign.

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>
<b>Model No:</b>	GCSC219	GCSC319	GCSC419	GCSC247	GCSC447
<b>Dimensions (W x D x H):</b>	700 x 500 x 900mm	1000 x 500 x 900mm	1350 x 500 x 900mm	1000 x 500 x 1400mm	1000 x 1000 x 1400mm
<b>Suitability:</b>	2 x 19kg Cylinders	3 x 19kg Cylinders	4 x 19kg Cylinders	2 x 47kg Cylinders	4 x 47kg Cylinders
<b>Weight:</b>	19.5kg	23kg	28.2kg	30kg	39kg



A



Shade 10

**A SSP101****Welding Head Shield - Shade 10**

Welding head shield with polypropylene shell and adjustable headband. Features a 2" x 4-1/4" front flip lens for quick and easy weld inspection. Supplied with a shade 10 lens. Conforms to BS EN 175.

D

Shade 9-13  
Variable

Grinding Function

**D PWH600****Auto Darkening Welding Helmet  
Shade - 9-13**

High quality variable shade 9-13 lens manufactured and tested to BS EN 379. Fully automatic switching from light to dark on striking arc. Features adjustable sensitivity and delay switches. Grinding function enables user to grind without removing mask. Deluxe contoured helmet approved to BS EN 175 which gives full neck protection and protects lens from scratching when helmet is laid down. Comfortable headband and non-slip quick release ratchet mechanism. Suitable for MIG, TIG, arc and gas welding.

Shade Active:	9-13 Variable
Shade Inactive:	4
Grinding Function:	✓
Viewing Area:	100 x 45mm
Operating Time Light/Dark:	0.3ms
Operating Temperature:	-10°C to +60°C
Power:	Lithium Cell Battery
Weight:	570g

B



Shade 11

**B S01000****Auto Darkening Welding Helmet - Shade 11**

Shade 11 welding helmet. Complies to BS EN 379, BS EN 175 and DIN standards. Features automatic switching from light to dark on striking arc. Fitted with adjustable sensitivity and delay controls for switching light to dark. Deluxe contoured helmet with fully adjustable headband featuring front pad for added comfort. Suitable for MIG, TIG and arc welding.

Shade Active:	11
Shade Inactive:	3
Grinding Function:	✗
Viewing Area:	91 x 39mm
Operating Time Light/Dark:	0.1ms
Operating Temperature:	-10°C to +60°C
Power:	Lithium Cell Battery
Weight:	470g

E

Shade 9-13  
Variable

Grinding Function

**E PWH601****Auto Darkening Welding Helmet  
Shade - 9-13**

High quality variable shade 9-13 lens manufactured and tested to BS EN 379. Fully automatic switching from light to dark on striking arc. Features adjustable sensitivity and delay switches. Grinding function enables user to grind without removing mask. Deluxe contoured helmet approved to BS EN 175 which gives full neck protection and protects lens from scratching when helmet is laid down. Comfortable headband and non-slip quick release ratchet mechanism. Suitable for MIG, TIG, arc and gas welding.

Shade Active:	9-13 Variable
Shade Inactive:	4
Grinding Function:	✓
Viewing Area:	100 x 41mm
Operating Time Light/Dark:	0.1ms
Operating Temperature:	-10°C to +60°C
Power:	Lithium Cell Battery
Weight:	495g

C

Shade 9-13  
Variable

Grinding Function

**C S01001****Auto Darkening Welding Helmet  
Shade 9-13**

Welding helmet with adjustable shade control between 9-13. Complies with BS EN 379, BS EN 175 and DIN standards. Fully automatic switching from light to dark on striking arc. Shade is selected by a rotary knob on side of helmet. Grinding function enables user to grind without removing mask. Solar panel power supply - no batteries required. Features sensitivity and delay controls for switching light to dark. Contoured design helmet with adjustable headband for added comfort. Suitable for MIG, TIG and arc welding.

Shade Active:	9-13 Variable
Shade Inactive:	4
Grinding Function:	✓
Viewing Area:	92 x 42mm
Operating Time Light/Dark:	0.1ms
Operating Temperature:	-5°C to +55°C
Power:	Solar Cells
Weight:	475g

F

Shade 5

**F SSP6****Gas Welding Goggles with Flip-Up Lenses**

Clear polycarbonate safety lenses with shade 5 flip-up lenses. Indirect ventilation in goggle frame. Conforms to BS EN 175.

G



Shade 5

**G SSP5****Gas Welding Goggles**

Shade 5 welding lens with indirect ventilation in goggle frame. Suitable for gas welding. Conforms to BS EN 175 and BS EN 169.

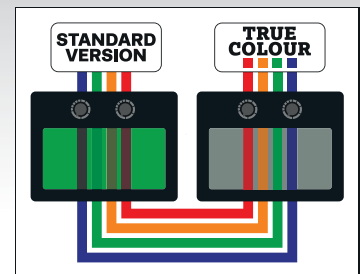


**A-D SEE BELOW**  
**Auto Darkening Welding Helmets**  
**Shade 9-13**

Welding helmets with adjustable shade control between 9-13. Complies with BS EN 379, BS EN 175 and DIN standards. True colour technology for improved depth perception, allowing far greater welding precision. Fully automatic switching from light to dark on striking arc. Shade is selected by a rotary knob on side of helmet. Grinding function enables user to grind without removing mask. Solar panel power supply - no batteries required. Features sensitivity and delay controls for switching light to dark. Suitable for MIG, TIG, arc welding and grinding.

Shade 9-13 Variable Grinding Function **TRUE COLOUR**

Model No:	Colour:
<b>A</b> PWH1	Red
<b>B</b> PWH2	Blue
<b>C</b> PWH3	Green
<b>D</b> PWH4	Yellow
<b>Shade Active:</b>	9-13 Variable
<b>Shade Inactive:</b>	4
<b>Grinding Function:</b>	✓
<b>Viewing Area:</b>	92 x 42mm
<b>Operating Time Light/Dark:</b>	0.04ms
<b>Operating Temperature:</b>	-5°C to +55°C
<b>Power:</b>	Solar Cells
<b>Weight:</b>	535g



**A-H** True Colour Technology for improved visibility.



**E-H SEE BELOW**  
**Auto Darkening Welding Helmet**  
**Shade 9-13**

Welding helmets with adjustable shade control between 9-13. Complies with BS EN 379, BS EN 175 and DIN standards. Features True Colour technology for improved visibility, less eye strain and realistic colour recognition. Fully automatic switching from light to dark on striking arc. Shade is selected by a rotary knob on side of helmet. Grinding function enables user to grind without removing mask. Solar panel power supply. Features sensitivity and delay controls for switching light to dark. Contoured design helmets with adjustable headband for added comfort. Suitable for MIG, TIG and arc welding.

Shade 9-13 Variable Grinding Function **TRUE COLOUR**

Model No:	Colour:
<b>E</b> PWH610	Black
<b>F</b> PWH611	Blue
<b>G</b> PWH612	Red
<b>H</b> PWH613	Silver
<b>Shade Active:</b>	9-13 Variable
<b>Shade Inactive:</b>	4
<b>Grinding Function:</b>	✓
<b>Viewing Area:</b>	96 x 38mm
<b>Operating Time Light/Dark:</b>	0.1ms
<b>Operating Temperature:</b>	-10°C to +60°C
<b>Power:</b>	Solar Cells
<b>Weight:</b>	515g



Auto Darkening Cartridge fitted in PWH610-PWH613.



**A**

Shade 5-8  
Switchable

Shade 9-13  
Variable



**Lithium**  
RECHARGEABLE



**B**

**B**

Shade 5-8  
Switchable

Shade 9-13  
Variable

**TRUE COLOUR**



**Lithium**  
RECHARGEABLE



**B**

**C NEW**

Shade 5-8  
Switchable

Shade 9-13  
Variable

**TRUE COLOUR**



**Lithium**  
RECHARGEABLE

**European Standard EN12941**

EN 12941 is the European standard for a complete powered air filtering device incorporating a face helmet or visor. This standard outlines three classes of performance, which define the following maximum levels of inward leakage\*:

**10% for TH1**

**2% for TH2**

**0.2% for TH3**

*\*Inward leakage estimates the performance of a respiratory device by measuring contaminants that leak through a respirator from various sources, including filter penetration, face seals, valves and gaskets.*

**A** PWR615 meets Class TH3.

**B** PWR616 meets Class TH1.

**C** PWR617 meets Class TH2.

**A-C SEE BELOW**

**Welding Helmets with EN 12941 Powered Air Purifying Respirators (PAPR)**

PAPR (Powered Air Purifying Respirator) systems with auto darkening welding helmets. Lithium battery powered respirator units provide the user with a constant filtered stream of air to their head and face. The filters are designed to reduce or remove dust and particles but not vapours and gases. The kits meet relevant "TH" classes of EN 12941:1998/A2:2008 (see right). Suitable for MIG, TIG MMA/ARC welding, cutting and grinding. Model No. PWH616 features an inner hood with protective clear visor. Complies with BS EN379, EN175, EN166 (Model No. PWH616 only), EN12941 and DIN standards.

	<b>A</b>	<b>B</b>	<b>C</b>
Model No:	PWH615	PWH616	PWH617
Shade Active:	5-8 Switchable & 9-13 Variable	5-8 Switchable & 9-13 Variable	5-8 Switchable & 9-13 Variable
Shade Inactive:	4	4	4
Grinding Function:	✓	✓	✓
Viewing Area:	120 x 100mm	98 x 62mm	98 x 55mm
Internal Safety Visor:	✗	✓	✗
Operating Time Light/Dark:	0.1ms	1/25,000s	1/25,000s
Operating Temperature:	-5°C to +55°C	-5°C to +55°C	-5°C to +55°C
Power:	Solar Cells/Rechargeable Lithium Battery	Solar Cells/Rechargeable Lithium Battery	Solar Cells/Rechargeable Lithium Battery





**A SSP141**  
**Lined Leather Welding Gauntlets - Pair**  
 Gauntlets offer superior protection from spatter and heat. Comfortable, durable and preferred by the professional welder. Conforms to BS EN 388 and BS EN 407.



**B SSP142**  
**TIG Welding Gauntlets - Pair**  
 Quality goat skin TIG welding leather gauntlets with 160mm split cow leather cuff. 330mm Length. Conforms to BS EN 388 and BS EN 12477:2001.



**C SSP151**  
**Heavy-Duty Lined Leather Welding Gauntlets - Pair**  
 Heavy-duty traditionally designed extra-large welding gauntlets providing excellent protection against spatter and heat. Manufactured from split cow hide leather with Kevlar® stitching, cotton lined cuff with a soft comfortable fleece lining. Durability is enhanced by additional leather, stitched over the palm area of the hand. These gauntlets cannot be used for arc welding. Five year storage life in cool, dry conditions. In case of wear/damage/deterioration the gloves must be scrapped. Certified to EN 12477, Type 'A'. Rated to EN 388 - 3134X and EN 407 - 41314X.

**Weight:** 0.4kg



**D SSP145**  
**Heavy-Duty Leather Welding Safety Hood**  
 Heavy-duty leather welding hood, offers best mix of durability, comfort and protection from sparks and spatter. Hook-and-loop fastening means one size fits all. Manufactured from split cow hide leather with Kevlar® stitching. Conforms to EN ISO 11611.



**E SSP146**  
**Heavy-Duty Leather Welding Apron**  
 Heavy-duty traditional welding apron protects body and upper legs when welding. Manufactured from split cow hide leather with Kevlar® stitching. Adjustable straps with quick release buckles ensure a secure fit at all times. Features front hook-and-loop pocket and conforms to EN ISO 11611.

**Size (W x H):** 565 x 900mm



**G SSP/LWA**  
**Leather Welding Apron**  
 Comfortable leather welding apron with ties.

**Height:** 900mm  
**Width:** 600mm



**H SSP23**  
**Spark Proof Welding Blanket**  
 Neoprene coated glass fibre blanket tested to BS 476 Pt.1, Pt.7, Pt.20 and UK Building Regulations Class 0. Protects against the spray of sparks from welding and cutting applications.

**Size (W x H):** 1800 x 1300mm



**F SSP233**  
**Fibreglass Spark Proof Welding Blanket**  
 Glass fibre blanket treated with a mineral based aqueous dispersion. Will withstand temperatures of up to 1000°C. Protects against the spray of sparks from welding and cutting applications.

**Size (W x H):** 2000 x 1000mm



**A AK68403****6pc Axial Locking Grip Set**

Manufactured with rounded contours for smooth, secure handling. Grips feature linear jaw action which applies pressure perpendicular to the workpiece for secure clamping. Compact size with push-button jaw release is ideal for working in confined spaces. Thumb release action allows one-handed operation. Suitable for a wide variety of applications including welding, gluing and riveting. Supplied in storage case.

**LIFETIME  
GUARANTEE\***

**B AK67****3pc 'C' Clamp & Welding Clamp Set**

Heat treated steel grips and jaws with bright nickel-plated finish. 'C' Clamp features swivel pads. Knurled adjusting screw with lever type release. Supplied in tool roll.

**Contents:** 248mm Sheet Metal Clamp, 225mm Welding Clamp, 280mm Locking C-Clamp.

**C WP94****Welding Pliers**

Drop-forged steel construction. Seven uses for the welder: nozzle/tip cleaner, nozzle/tip remover, wire cutter, flux chipper, long nose pliers. Fitted with spring loaded, fully insulated handles.

**Length:** 215mm

**LIFETIME  
GUARANTEE\***

**D MQC2****2pc Magnetic Quick Clamp Set**

Ideal for welders and fabricators. Strong magnets hold ferrous metals in place during welding and assembly. Clamps incorporate angled edges for accurate alignment.

**Magnetic**

**Contents:**

**Clamp #1 - Angles:** 45°, 90°, 135°

**Clamp #2 - Angles:** 30°, 45°, 75°, 105°, 135°, 150°

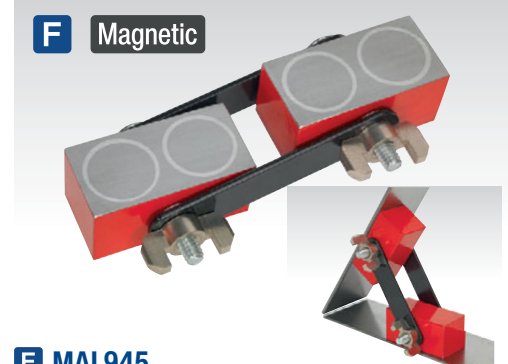
**E MQC944****4pc Magnetic Quick Clamp Set**

Set of four magnets, ideal for small welding or soldering projects. Holds any ferrous metal at angles of 45°, 90° and 135° giving good versatility to the welder. Features a powder coated finish to help protect against rust and prolong the life of the product.

**Magnetic**

**Angles per Magnet:** 45°, 90°, 135°

**Holding Capacity per Magnet:** 4.5kg

**F Magnetic****F MAL945****Magnetic Adjustable Link**

Allows the application of the exact angle and positioning of metal to be welded. Can be set and locked at any angle. Compact in size for holding work in confined spaces, no need for additional tooling or labour for precise consistent angles.

**Angle Range:** 180°

**G MGC946****250A Magnetic Ground Clamp**

Easy set-up; place on clean surface, connect earth and start welding. No more tacking on tabs or searching for grounds. Rated to 250A. Grips firmly on flat or round surfaces.

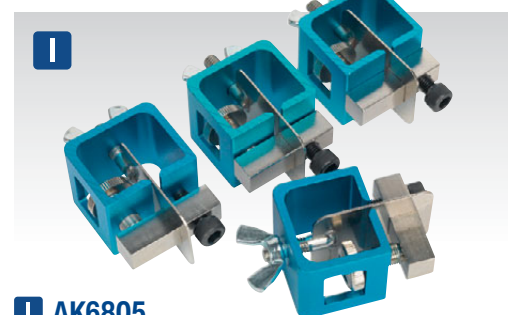
**Rated:** 250A

**Base Size:** Ø85mm

**H AK6804****4pc Micro Welding Clamp Set**

Small and compact with exceptional clamping force. Ideal for automotive applications when positioning body panels prior to welding. Micro clamp enables areas to be secured where other tools struggle to fit, such as door columns and window edges.

**Jaw Capacity:** 0-7mm

**I AK6805****4pc Butt Welding Clamp Set**

An effective method for creating an evenly spaced butt weld joint. Built-in level adjustment of 0-3mm either side allows different thickness materials to be accurately aligned.

**A**



**A PCT1**  
**Plasma Cutting Table/Workbench**

Mild steel plasma cutting table/workbench. 32 Replaceable cutting slats. Removable side handles/cable tidy hanging hooks. Supplied flat-packed for easy self-assembly using hand tools (not included). Supports weight capacity of 113kg.

Overall Dimensions (W x D):	1065 x 600mm
Bench Dimensions (W x D):	920 x 600mm
Height:	812mm
Weight:	34kg

**B**



**B PCT2**  
**Plasma Cutting Table/Workbench**  
**Adjustable Height with Castor Wheels**

Mild steel plasma cutting table/workbench. 32 Replaceable cutting slats. Removable side handles/cable tidy hanging hooks. Adjustable working height 750mm to 1011mm. Lockable castor wheels for easy movement. Funnel shaped base with slide out tray for safe removal of offcuts and slag. Supplied flat-packed for easy self-assembly using hand tools (not included). Supports weight capacity of 136kg.

Overall Dimensions (W x D):	1200 x 910mm
Bench Dimensions (W x D):	915 x 910mm
Height Range:	750 - 1011mm
Weight:	61kg

**C**



**1.3m Wide**

**C SSP99**  
**1.3 x 1.75m Workshop Welding Curtain**

Amber welding screen manufactured to BS EN 1598. Suitable for use in workshops where the glare from welding and cutting may be a hazard to others. Curtain and frame supplied flat-packed, but assembles with ease.

Frame Size (W x H):	1.3 x 1.75m
---------------------	-------------

**D**



**1.8m Wide**

**D SSP992**  
**1.8 x 1.75m Workshop Welding Curtain**

Amber welding screen manufactured to BS EN 1598. Suitable for use in workshops where the glare from welding and cutting may be a hazard to others. Curtain and frame supplied flat-packed, but assembles with ease.

Frame Size (W x H):	1.8 x 1.75m
---------------------	-------------

**E**



**2.4m Wide**

**E SSP993**  
**2.4 x 1.75m Workshop Welding Curtain**

Amber welding screen manufactured to BS EN 1598. Suitable for use in workshops where the glare from welding and cutting may be a hazard to others. Curtain and frame supplied flat-packed, but assembles with ease.

Frame Size (W x H):	2.4 x 1.75m
---------------------	-------------

**F**



**F SWT120**  
**Welding Table**

Heavy-duty galvanized welding table with 30mm MIG torch mounting point. Portable and foldable for ease of transportation and storage. Sturdy locking pin system and adjustable foot for eliminating wobble when in use. Weight capacity 100kg maximum.

Size (W x D x H):	1120 x 610 x 915mm
-------------------	--------------------

**G**



**Eye protection must be worn**

**G SS11V1**

**Eye Protection Must Be Worn - Mandatory Safety Sign**  
**Self-Adhesive Vinyl**

For full details, see page 1294.



## Amperage Selection Guide

Electrode Size:	Current Range:
Ø1.6mm	25-50A
Ø2.0mm	40-60A
Ø2.5mm	55-100A
Ø3.2mm	90-130A
Ø4.0mm	135-190A



## SEE BELOW

## Dissimilar Welding Electrodes

E312 Electrodes for welding dissimilar steels. Suitable for welding in all positions. Can be used on AC or DC currents. Highly resistive to cracking. Provides a buffer layer before hardfacing.

Model No:	Size:	Welding Current:	Pack Weight:
WED1025	Ø2.5 x 300mm	70A	1kg
WED5025	Ø2.5 x 300mm	70A	5kg
WED1032	Ø3.2 x 350mm	100A	1kg
WED5032	Ø3.2 x 350mm	100A	5kg
WED1040	Ø4 x 350mm	135A	1kg
WED5040	Ø4 x 350mm	135A	5kg



## SEE BELOW

## Welding Electrodes

E6013 General-purpose mild steel electrodes made to BS EN 757 standard. Suitable for welding in all positions.

Model No:	Size:	Welding Current:	Pack Qty:
WE1020	Ø2 x 300mm	40-60A	10
WE1025	Ø2.5 x 300mm	55-100A	10
WE1032	Ø3.2 x 350mm	90-130A	10



## WFC4

## French Chalk Holder with 4 Chalk Sticks

Stainless steel chalk holder with four pieces of soapstone chalk, ideal for marking metal prior to welding, cutting or grinding.

Chalk Stick Length:	127 x 12.7 x 4.8mm
---------------------	--------------------



## SEE BELOW

## Hardfacing Welding Electrodes

HV600 Hardfacing welding electrodes. Suitable for applications that are subject to wear by minerals, medium shocks and compression. Can be used on AC or DC currents. Provides corrosion protection. Ideal for building up blades, spades, agricultural/construction machinery shovel buckets.

Model No:	Size:	Welding Current:	Pack Weight:
WEHF1025	Ø2.5 x 300mm	90A	1kg
WEHF5025	Ø2.5 x 300mm	90A	5kg
WEHF1032	Ø3.2 x 350mm	130A	1kg
WEHF5032	Ø3.2 x 350mm	130A	5kg
WEHF1040	Ø4 x 350mm	160A	1kg
WEHF5040	Ø4 x 350mm	160A	5kg



## SEE BELOW

## Welding Electrodes

E6013 General-purpose mild steel electrodes made to BS EN 757 standard. Produces a clean weld appearance.

Model No:	Size:	Welding Current:	Pack Weight:
WE2516	Ø1.6 x 300mm	25-50A	2.5kg
WE5016	Ø1.6 x 300mm	25-50A	5kg
WE2520	Ø2 x 300mm	40-60A	2.5kg
WE5020	Ø2 x 300mm	40-60A	5kg
WE2525	Ø2.5 x 300mm	55-100A	2.5kg
WE5025	Ø2.5 x 300mm	55-100A	5kg
WE2532	Ø3.2 x 350mm	90-130A	2.5kg
WE5032	Ø3.2 x 350mm	90-130A	5kg
WE2540	Ø4 x 350mm	135-190A	2.5kg
WE5040	Ø4 x 350mm	135-190A	5kg



See page 759 for our range of Welding PPE.



## SEE BELOW

## Stainless Steel Welding Electrodes

E316 Electrodes for welding stainless steel. Suitable for welding in all positions. Can be used on AC or DC currents. Produces a clean, corrosion resistant weld. Ideal for use in cold environments.

Model No:	Size:	Welding Current:	Pack Weight:
WESS1025	Ø2.5 x 300mm	70A	1kg
WESS5025	Ø2.5 x 300mm	70A	5kg
WESS1032	Ø3.2 x 350mm	100A	1kg
WESS5032	Ø3.2 x 350mm	100A	5kg
WESS1040	Ø4 x 350mm	135A	1kg
WESS5040	Ø4 x 350mm	135A	5kg



## MIG/722308

## 300ml Anti-Spatter Pressure Spray

Extremely effective anti-spatter spray preventing spatter build-up on fixings, jigs and welding nozzles. Contains rust inhibitor to prevent corrosion. Innovative pressure spray system allows 99% of the active product to be expelled from the can. Up to six times the life of normal aerosols.

Safe to use	✓
Non-toxic	✓
No acrid fumes	✓
Cleaner, easier and tidier welding	✓
Environmentally friendly	✓
Recyclable tin	✓



## MW140i

## 140A MMA Inverter Welder

See page 748 for full specification.

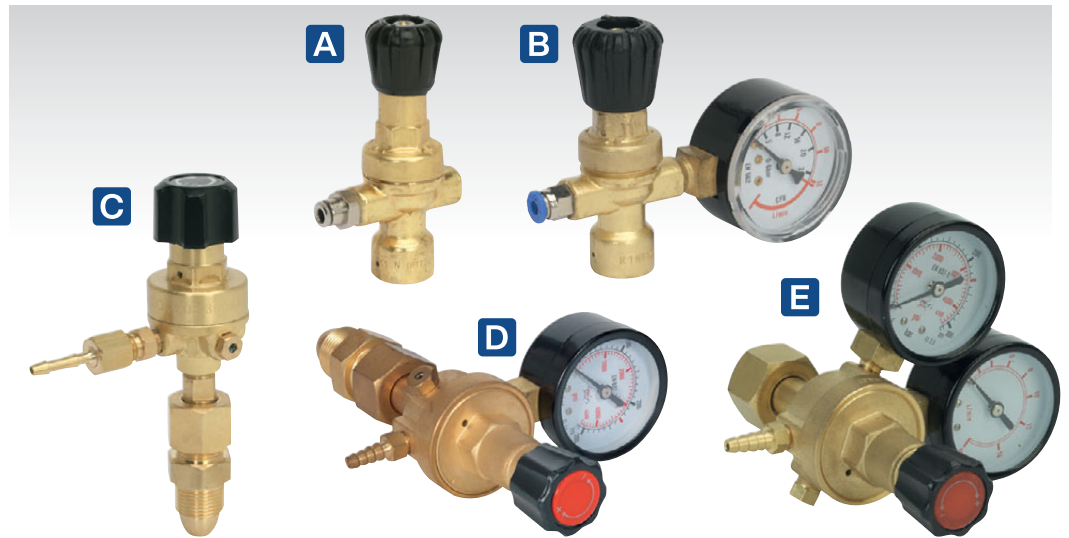
**A-E SEE RIGHT**  
**MIG Gas Regulators**

- ✓ Top quality regulators made to ISO 2503.
- ✓ Industrial regulators fit Argon and CO<sub>2</sub>/Argon mix gas cylinders, using adaptors where applicable.
- ✓ **A-B** Suitable for mini refillable/disposable gas cylinders.
- ✓ **C-E** Suitable for industrial gas cylinders.
- ✓ Maximum operating pressure of 4bar for all models.

**F-G SEE BELOW**  
**Industrial MIG Gas Regulator Kits**

Convert the small-bore hosing (normally Ø4mm OD) found on portable MIGs for use with industrial size gas regulators and cylinders. Order just the bull nose adaptor (Model No. 120/432102) and hose (Model No. AK9) or a complete kit including regulator (Model No. REG/KIT/MZ or REG/KIT/MO).

<b>F</b> Model No:	REG/KIT/MZ
Hose Length:	1.5m
Regulator:	REG/MZ
Bull Nose Adaptor:	120/432102
1.5m Gas Hose Adaptor:	AK9
<b>G</b> Model No:	REG/KIT/MO
Hose Length:	1.5m
Regulator:	REG/MO
Bull Nose Adaptor:	120/432102
1.5m Gas Hose Adaptor:	AK9



	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>
<b>Model No:</b>	REG/MM	REG/MMG	REG/MZ	REG/MO	REG/MT
<b>Cylinder Type:</b>	Mini Refillable/ Disposable	Mini Refillable/ Disposable	Industrial	Industrial	Industrial
<b>Gauges:</b>	0	1	0	1	2
<b>Argon/CO<sub>2</sub> Adaptor:</b>	n/a	n/a	✓	✓	✓
<b>Safe Working Inlet Pressure:</b>	110bar	110bar	300bar	230bar	230bar
<b>Maximum Throughput (L/min):</b>	6	6	10	10	10



Shade 9-13  
Variable

Grinding Function

**H PWH601**  
**Auto Darkening Welding Helmet**  
**Shade - 9-13**

High quality variable shade 9-13 lens manufactured and tested to BS EN 379. Fully automatic switching from light to dark on striking arc. Features adjustable sensitivity and delay switches. Grinding function enables user to grind without removing mask. Deluxe contoured helmet approved to BS EN 175 which gives full neck protection and protects lens from scratching when helmet is laid down. Comfortable headband and non-slip quick release ratchet mechanism. Suitable for MIG, TIG, arc and gas welding.

<b>Shade Active:</b>	9-13 Variable
<b>Shade Inactive:</b>	4
<b>Grinding Function:</b>	✓
<b>Viewing Area:</b>	100 x 41mm
<b>Operating Time Light/Dark:</b>	0.1ms
<b>Operating Temperature:</b>	-10°C to +60°C
<b>Power:</b>	Lithium Cell Battery
<b>Weight:</b>	495g



**I NEW**  
**MIGKIT**  
**MIG Consumables Kit**

Refer to individual Model No's for full specification.

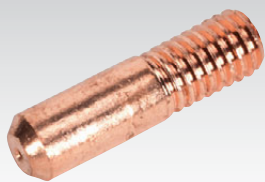
**Contents:** 120.802032 - No Gas/Gas Conversion Kit, CO<sub>2</sub>/101 - Disposable Carbon Dioxide Gas Cylinder 600g, MIG/7K06 - Mild Steel MIG Welding Wire - A18 Grade, MIG956 - Contact Tip 0.6mm MB15 - Pack of 5



**J SSP29**  
**Safety Spectacles**

BS EN 166/F - Lightweight spectacles. Side arms with built-in ventilated shields.



**A MB14**

**A SEE BELOW**  
Contact Tips MB14

Model No:	Size:	Torch Type:	Pack Qty:
MIG951	0.6mm	MB14	5
MIG952	0.8mm	MB14	5

**B MB15**

**B SEE BELOW**  
Contact Tips MB15

Model No:	Size:	Torch Type:	Pack Qty:
MIG956	0.6mm	MB15	5
MIG957	0.8mm	MB15	5
MIG912	1mm	MB15	2

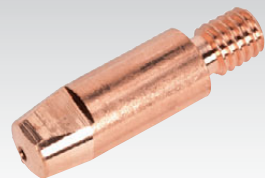
**C MB15**

Aluminium



**C SEE BELOW**  
Contact Tips Aluminium MB15

Model No:	Size:	Torch Type:	Pack Qty:
MIG927	0.8mm	MB15	2
MIG928	1mm	MB15	2

**D MB25/36**

**D SEE BELOW**  
Contact Tips MB25/36

Model No:	Size:	Torch Type:	Pack Qty:
MIG916	0.6mm	MB25/36	5
MIG917	0.8mm	MB25/36	5
MIG918	1mm	MB25/36	5
MIG919	1.2mm	MB25/36	5

**E MB25/36**

Aluminium



**E SEE BELOW**  
Contact Tips Aluminium MB25/36

Model No:	Size:	Torch Type:	Pack Qty:
MIG921	1mm	MB25/36	5
MIG922	1.2mm	MB25/36	5

**F MB14/25/36**

Gasless



**F SEE BELOW**  
Contact Tips Gasless

Model No:	Size:	Torch Type:	Pack Qty:
TG100/2	1mm	MB25/MB36/Gasless	5
TG100/3	1mm	MB14/Gasless	5

**G MB14**

**G SEE BELOW**  
Conical Nozzle & Contact Tip Sets

Model No:	Contents:	Torch Type:	Pack Qty:
MIG953	1x Conical Nozzle 3x Contact Tip 0.6mm	MB14	1Set
MIG954	1x Conical Nozzle 3x Contact Tip 0.8mm	MB14	1Set

**H**

MB14/25/36

**H SEE BELOW**  
Conical Nozzles

Model No:	Torch Type:	Pack Qty:
MIG950	MB14	5
MIG929	MB25/MB36	2

**I MB15**

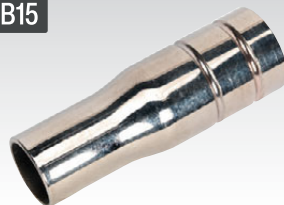
**I MIG955**  
Conical Nozzle MB15

Torch Type:	Pack Qty:
MB15	3

**J MB15**

**J 168.200105**  
Cylindrical Nozzle MB15

Torch Type:	Pack Qty:
MB15	1

**K MB15**

**K 168.200155**  
Thin Headed Nozzle MB15

Torch Type:	Pack Qty:
MB15	1

**L MB15**

**L 120/722672**  
Stud Welding Nozzle MB15

Torch Type:	Pack Qty:
MB15	1

**M**

TB36

**M MIG925**  
Tip Adaptor 6mm TB36

Torch Type:	Pack Qty:
TB36	2

**N**

**N SSP141**  
Lined Leather Welding Gauntlets - Pair

For full details, see page 759.

**O MB36**

**O MIG924**  
Conical Nozzle MB36 - Pack of 2

Torch Type:	Pack Qty:
MB36	2



**A SEE BELOW**  
Lightweight Welding Nozzles

Model No:	Size:
SGA1/LW02	No. 2
SGA1/LW05	No. 5
SGA1/LW10	No. 10



**D SEE BELOW**  
Cutting Nozzles AFNM

Model No:	Size:
AFNM-1/16	1/16"
AFNM-1/32	1/32"
AFNM-3/64	3/64"



**F MIG915**  
Cylindrical Nozzle MB25/36

Torch Type:	Pack Qty:
MB25/36	2



**I AK4740**  
Ø8mm Solid Carbide Spot Weld Drill Bit

Diameter:	Ø8mm
Length:	44mm



**L SEE BELOW**  
HSS Cobalt Spot Weld Drill Bits

HSS with 5% Cobalt for longer life. Suitable for drilling out spot welds on most common vehicle panels, including galvanized and high stress steels.

Model No:	Size:	Length:
AK4728	Ø6mm	66mm
AK4734	Ø8mm	80mm



**B SEE BELOW**  
Nozzle Springs

Model No:	Torch Type:	Length:
120/722319	MB15	1
MIG914	MB25/MB36	2



**E MIG913**  
Diffuser Adaptor MB25/36

Torch Type:	Pack Qty:
MB25/MB36	2



**G MIG926**  
Diffuser Adaptor

Torch Type:	Pack Qty:
MB36	2



**J 168.200162**  
Spot Welding Nozzle

Torch Type:	Pack Qty:
MB15	1



**M Z1**  
Ø10mm Spot Weld Cutter

Suitable for drilling out spot welds on most vehicle panels. Features spring loaded centre point to guide cutting crown onto weld.

Replacement Cutters:	Z1C2
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**N Z1C2**  
Spot Weld Cutter Crown - Pack of 2

Double-sided cutter crowns for Model No's AK4730 and Z1 spot weld cutters. Pack of two.



**C SEE BELOW**  
Stud Welding Nails

Model No:	Size:	Pack Qty:
PS/0002	2.5 x 50mm	100
PS/0003	2 x 50mm	100
PS/000350/200 <b>NEW</b>	2 x 50mm	200
PS/000250/200 <b>NEW</b>	2.5 x 50mm	200



**H PS/000450**  
Stud Welding Washers

Size:	8 x 16 x 1.5mm
Pack Qty:	50



**K AK4730**  
9pc Ø10mm Spot Weld Cutter & Drill Bit Set

Suitable for drilling out spot welds on most vehicle panels. Spot weld cutter features spring loaded centre point to guide cutting crown onto weld. 8mm HSS drill with 5% Cobalt for longer life, suitable for more specialist materials including galvanized, boron and high stress steels. Solid cobalt stock allows resharping, extending product life. Set includes replacement centre points and cutter crowns. Supplied in metal storage case.

Contents:	Spot Weld Cutter, 8mm Cobalt Spot Weld Drill, Centre Points (x2), Ø10mm Cutter Crowns (x5)
Replacement Cutters:	(Pack of 2) Z1C2



A



A SEE BELOW

## Mild Steel MIG Welding Wire - A18

Model No:	Weight:	Diameter:
MIG/7K06	0.7kg	Ø0.6mm
MIG/7K08	0.7kg	Ø0.8mm

B

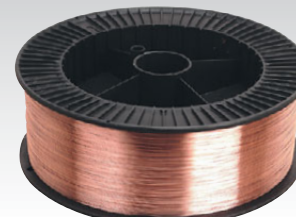


B SEE BELOW

## Mild Steel MIG Welding Wire - A18

Model No:	Weight:	Diameter:
MIG/777706	5kg	Ø0.6mm
MIG/777708	5kg	Ø0.8mm

C



C SEE BELOW

## Mild Steel MIG Welding Wire - A18

Model No:	Weight:	Diameter:
MIG/888806	15kg	Ø0.6mm
MIG/888808	15kg	Ø0.8mm
MIG/888810	15kg	Ø1mm
MIG/888816	15kg	Ø1.6mm

D



D MIG/5K08A

## Aluminium Welding Wire - 5356 (NG6)

Weight:	0.5kg
Diameter:	Ø0.8mm

E



E SEE BELOW

## Aluminium Welding Wire - 5356 (NG6)

Model No:	Weight:	Diameter:
MIG/2KAL08	2kg	Ø0.8mm
MIG/2/KAL/1	2kg	Ø1mm

G

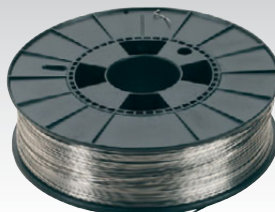


G MIG/1K/SS08

## Stainless Steel MIG Welding Wire 308(S)93

Weight:	1kg
Diameter:	Ø0.8mm

H



H MIG/5K/SS08

## Stainless Steel MIG Welding Wire 308(S)93

Weight:	5kg
Diameter:	Ø0.8mm

I

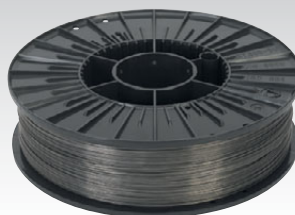


I TG100/1

## Flux Cored Welding Wire

Weight:	0.9kg
Diameter:	Ø0.9mm

J



J TG100/4

## Flux Cored Welding Wire

Weight:	4.5kg
Diameter:	Ø0.9mm

K



K MIG/4K/BW08

## 4kg Copper Silicon Bronze MIG Welding Wire 0.8mm C9 Grade

Weight:	4kg
Diameter:	Ø0.8mm

F



F SEE BELOW

## MIG Torches with Euro Connection

Professional MIG welding torches with contoured grip, hanging hook and heat-proof cable. Fitted with Euro connection enabling a quick and simple plug connection to welder. No wiring means torch can be disconnected and stored safely.

Model No:	Length:	Connector:	Torch Type:
MIG/N315	3m	Euro	MB15
MIG/N325	3m	Euro	MB25
MIG/N336	3m	Euro	MB36
MIG/N415	4m	Euro	MB15
MIG/N425	4m	Euro	MB25
MIG/N436	4m	Euro	MB36

L-M SEE BELOW

## MIG Torches with Euro Connection

Professional torch with contoured grip and heat-proof cable. Euro connection enables quick and simple plug connection to welder. No wiring means torch can be disconnected and stored safely. Made in Europe.

Model No:	Length:	Connector:	Torch Type:
L MIG/T15	3m	Euro	MB15
M MIG/T25	3m	Euro	MB25

L



3m

M

Model No.  
MIG/T25



Model No:	Type:	Welding Duration Per Bottle*:	Pack Qty:
<b>A</b> CO2/100	CO <sub>2</sub>	1-1/4hr	1
<b>B</b> CO2/100/12	CO <sub>2</sub>	1-1/4hr	12
<b>C</b> CO2/101	CO <sub>2</sub>	2hr	1
<b>D</b> CO2/101/12	CO <sub>2</sub>	2hr	12
<b>E</b> MIG/ARG/100	Argon	1hr	1
<b>F</b> MIG/ARG/100/12	Argon	1hr	12
<b>G</b> MIG/MIX/100	CO <sub>2</sub> /Argon	1hr	1
<b>H</b> MIG/MIX/100/12	CO <sub>2</sub> /Argon	1hr	12

**A-H SEE RIGHT**

**Disposable Gas Cylinders**

Portable sized disposable cylinder for the mobile welder. Fits Sealey and other makes of welder/regulator. When comparing price, always check fill capacity.

\* Welding duration is approximate and depends on machine settings.



**I-J SEE BELOW**

**Disposable Carbon Dioxide Gas Cylinder 1.3kg**

Portable sized disposable cylinders for the mobile welder. Fits Sealey and other makes of welder/regulator. When comparing price, always check fill capacity.

<b>I</b> Single:	CO21KGD
<b>J</b> Pack of 4:	CO21KGD4



**K-L SEE BELOW**

**Disposable Argon/Carbon Dioxide Gas Cylinder 430g, 2.2L**

Portable sized CO<sub>2</sub> cylinder for the mobile welder. Disposable gas cylinder removes the need for large gas cylinders. M10 Thread fits Sealey and other makes of welder/regulator. 84% Argon 16% Carbon Dioxide at 100bar at 20°C.

<b>K</b> Single:	MIGMIX2.2
<b>L</b> Pack of 4:	MIGMIX2.24



**M CO2/1KG**

**1kg Refillable Carbon Dioxide Gas Cylinder**

Portable sized CO<sub>2</sub> refillable gas cylinder. Gives value for money repaying investment in just a few fills. Suitable for Sealey and other brand portable MIG welders/regulators.

<b>Fill:</b>	1kg
<b>Welding Duration*:</b>	3.3hr
<b>Gas Refill:</b>	CO2/1KG/REFIL

\* Welding duration is approximate and depends on machine settings.



**N REG/MM**

**MIG Gas Regulator Disposable Cylinder No Gauge**

For full details, see page 763.



**O REG/MMG**

**MIG Gas Regulator**

For full details, see page 763.

**CO<sub>2</sub>/1KG Gas Refill**

Visit [www.CO2refill.co.uk](http://www.CO2refill.co.uk), then simply follow these three steps:

1. Order the required number of CO<sub>2</sub> 1kg refills.
2. Pack your empty cylinders and print the free returns label.
3. Drop off your parcel at a Collect+ point.

Service is provided by our sole approved gas filler Cryogenic Industrial Gases (CIG).