

# ARC Welding

## Key Features:

Our new collection of Weldmate portable ARC welders are mainly for the serious home/trade welder and offer portability, ease-of-use and convenience at value-for-money prices. The welders are all turbo fan cooled for extended performance.

- Double shunt system, for fast and accurate welding power regulation
- Infinitely variable step-less output, giving superb versatility
- Turbo fan cooling for increased welding times
- Electrode to material thickness gauge indicates the correct electrode size for the job in hand
- Thermal overload indication
- Heavy duty casing for added durability



Welding Equipment

8

### 05741 **Weldmate T141P-ARC**

Uses standard domestic power source 230v (13amp), 140amp peak power, welds up to 5mm mild steel

**ACCESSORIES INCLUDED:**

2m Welding Cable with Electrode holder, 2m Earth cable with Earth clamp, hand-held face shield and chipping hammer

**NEW**  
FROM SIP



trade level ★★

**13AMP**  
SUPPLY

ITEM NO.	05741
Supply	230v (13amp)
Electrode Size	1.6 to 3.2mm
Welding Current	40 to 115amp
Peak Current	140amp
Open Circuit Voltage	48v
Insulation Class	Class F
Protection	IP21S
Approx. Weld Thickness Range	(mild steel) 1.5 to 5mm
Gross Weight	16.5kg
Net Weight	15.5kg
Packaged Dimensions (HxWxL)	355 x 295 x 515mm
Barcode No:	5012713057412

### 05761 **Weldmate T161P-ARC**

Uses 230v (16amp) power source, 160amp peak power, welds up to 6mm mild steel

**ACCESSORIES INCLUDED:**

2m Welding Cable with Electrode holder, 2m Earth cable with Earth clamp, hand-held face shield and chipping hammer

**NEW**  
FROM SIP



trade level ★★

ITEM NO.	05761
Supply	230v (16amp)
Electrode Size	1.6 to 3.2mm
Welding Current	45 to 140amp
Peak Current	160amp
Open Circuit Voltage	50v
Insulation Class	Class F
Protection	IP21S
Approx. Weld Thickness Range	(mild steel) 1.5 to 6mm
Gross Weight	18kg
Net Weight	17kg
Packaged Dimensions (HxWxL)	325 x 285 x 515mm
Barcode No:	5012713057610

## 05721 Weldmate T211P-ARC

trade level **★★**

230v and 400v dual voltage capability, 200amp peak power, welds up to 8mm mild steel, wheel mounted for easy portability

**ACCESSORIES INCLUDED:**

2m Welding Cable with Electrode holder,  
2m Earth cable with Earth clamp,  
hand-held face shield, chipping hammer  
and wheel kit



**WHEEL MOUNTED** **230v/400v SUPPLY** **VARIABLE OUTPUT**

ITEM NO.	05721
Supply	230v (20amp) 400v (10amp)
Electrode Size	2 to 4mm
Welding Current	60 to 180amp
Peak Current	200amp
Open Circuit Voltage	50v
Insulation Class	Class F
Protection	IP21S
Approx. Weld Thickness Range	(mild steel) 2 to 8mm
Gross Weight	22kg
Net Weight	21kg
Packaged Dimensions (HxWxL)	325 x 285 x 515mm
Barcode Number	5012713057214

## 05725 Weldmate T251P-ARC

trade level **★★**

230v and 400v dual voltage capability, 250amp peak power, welds up to 9mm mild steel, wheel mounted for easy portability

**ACCESSORIES INCLUDED:**

2m Welding Cable with Electrode holder,  
2m Earth cable with Earth clamp,  
hand-held face shield, chipping hammer  
and wheel kit



**WHEEL MOUNTED** **230v/400v SUPPLY** **VARIABLE OUTPUT**

ITEM NO.	05725
Supply	230v (20amp) 400v (10amp)
Electrode Size	2.5 to 5mm
Welding Current	85 to 200amp
Peak Current	250amp
Open Circuit Voltage	50v
Insulation Class	Class F
Protection	IP21S
Approx. Weld Thickness Range	(mild steel) 1.5 to 9mm
Gross Weight	23.5kg
Net Weight	22.5kg
Packaged Dimensions (HxWxL)	325 x 285 x 515mm
Barcode Number	5012713057252

# ARC Welding

## Alleycat Welder Generators

professional level **★★★**

The professional Alleycat petrol range of welding generators have been designed to provide mobile welding and power solutions for a variety of applications. All Alleycats have auxiliary power outputs for use as a stand alone generator. Low oil shutdown is fitted as standard reducing the chance of serious engine damage.

DC models also allow the use of specialist electrodes for ferrous & non-ferrous metals.

The Honda engines have hot-spark electronic ignition, excellent fuel economy and reduced oil consumption. An inclined cylinder and counter balance shaft reduce engine vibration to an absolute minimum and ensure the smoothest possible running.

- Splash fed lubrication system
- Heavy-duty brushless alternator for consistent, maintenance free operation
- Turbo fan cooled & thermal overload supplied as standard
- High capacity fuel tanks
- 14 welding power settings (DC models only)



Ultra reliable Honda powered units



Don't Forget  
HONDA SERVICE  
KITS  
Page 161



AC & DC OPTIONS AVAILABLE - SEE BELOW



25017 - AC Welder Generator >

< 25020 - DC Welder Generator



POWERED by  
**HONDA**  
3 year engine warranty

- LOW OIL SHUT DOWN
- DINSE SOCKETS
- CAST IRON CYLINDERS
- FULL FRAME DESIGN
- WHEEL MOUNTED

Don't Forget  
ARC WELDING  
ACCESSORY KITS  
Page 32



Don't Forget  
FUEL CANS  
Page 161



MODEL	AC RANGE		DC RANGE	
	ALLEYCAT P200W-AC	ALLEYCAT P200W-AC E/S	ALLEYCAT P200W-DC	ALLEYCAT P200W-DC E/S
ITEM NO.	25017	25168	25020	25172
Electrode Size	1.6 to 5mm	1.6 to 5mm	1.6 to 5mm	1.6 to 5mm
Weld Current Output Range - AC	60 to 200amp	60 to 200amp	-	-
Weld Current Output Range - DC	-	-	50 to 200amp	50 to 200amp
Output @ 60% Duty Cycle	180amp	180amp	170amp	170amp
Open Circuit Voltage	230v - 45v 110v - 60v	230v - 45v 110v - 60v	75v	75v
Insulation	Class H	Class H	Class H	Class H
Protection	IP21	IP21	IP21	IP21
Approx. Weld Thickness Range	(mild steel) 1.5 to 8mm	(mild steel) 1.5 to 8mm	(mild steel) 1.5 to 8mm	(mild steel) 1.5 to 8mm
Generator Supply - 50Hz AC	230v / 115v	230v / 115v	230v / 115v	230v / 115v
Generator Rated Output	7KVA	7KVA	4KVA	4KVA
Engine	Honda GX390 13hp	Honda GX390 13hp	Honda GX390 13hp	Honda GX390 13hp
Fuel/Fuel Tank Capacity	Unleaded / 6.1 Litres	Unleaded / 6.1 Litres	Unleaded / 6.1 Litres	Unleaded / 6.1 Litres
Full Load Approx. Run Time	2.4 hours	2.4 hours	2.4 hours	2.4 hours
Weight	90kg	98kg	90kg	98kg
Packaged Dimensions (HxWxL)	670 x 580 x 1060mm	670 x 580 x 1060mm	670 x 580 x 1060mm	670 x 580 x 1060mm
Barcode Number	5012713250172	5012713251698	5012713250202	5012713251728
ACCESSORIES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.
Optional Accessory Kit	05101	05101	05105	05105

THESE UNITS ARE DESIGNED FOR EXPORT ONLY





professional level **★★★**

## Alleycat Welder Generators

The professional Alleycat petrol range of welding generators have been designed to provide mobile welding and power solutions for a variety of applications. All Alleycats have auxiliary power outputs for use as a stand alone generator. Low oil shutdown is fitted as standard reducing the chance of serious engine damage.

DC models also allow the use of specialist electrodes for ferrous & non-ferrous metals.

These models use a Kohler® engine with steel-forged crankshafts, cast iron cylinder bores and tough Stellite® faced exhaust valves for enhanced durability. An efficient ignition system reduces fuel consumption and large-capacity fuel tank allows longer runs between fill-ups. The Kohler® Quad Clean™ heavy-duty air cleaner keeps engine contamination to a minimum.

- Quad Clean™ heavy duty cyclonic air cleaner - cyclonic motion forces large particles of contaminants out of the engine
- Engine designed in the USA
- Full frame wheel mounted design
- 3 year engine warranty



Quad Clean™  
Cyclonic air cleaner

**AC & DC OPTIONS AVAILABLE - SEE BELOW**



< 25167 - AC Welder Generator

Don't Forget  
**KOHLER SERVICE  
KITS**  
Page 161



Reliable designed in USA engines



Welding Equipment

11



**Built and Tested  
by SIP in the UK**

**KOHLER**  
3 year engine warranty

Relentless Power.  
Legendary Performance.  
© Copyright Kohler Co.



ENGINE DESIGNED  
IN USA

- LOW OIL SHUT DOWN**
- DINSE SOCKETS**
- CAST IRON CYLINDERS**
- FULL FRAME DESIGN**
- WHEEL MOUNTED**



Don't Forget  
**ARC WELDING  
ACCESSORY KITS**  
Page 32

Don't Forget  
**FUEL CANS**  
Page 161

MODEL	AC RANGE		DC RANGE	
	ALLEYCAT P200W-AC	ALLEYCAT P200W-AC E/S	ALLEYCAT P200W-DC	ALLEYCAT P200W-DC E/S
ITEM NO.	25167	25168	25170	25171
Electrode Size	1.6 to 5mm	1.6 to 5mm	1.6 to 5mm	1.6 to 5mm
Weld Current Output Range - AC	60 to 200amp	60 to 200amp	-	-
Weld Current Output Range - DC	-	-	50 to 200amp	50 to 200amp
Output @ 60% Duty Cycle	180amp	180amp	170amp	170amp
Open Circuit Voltage	230v - 45v 110v - 60v	<b>ELECTRIC STARTING</b> 230v - 45v 110v - 60v	75v	<b>ELECTRIC STARTING</b> 75v
Insulation	Class H	Class H	Class H	Class H
Protection	IP21	IP21	IP21	IP21
Approx. Weld Thickness Range	(mild steel) 1.5 to 8mm	(mild steel) 1.5 to 8mm	(mild steel) 1.5 to 8mm	(mild steel) 1.5 to 8mm
Generator Supply - 50Hz AC	230v / 115v	230v / 115v	230v / 115v	230v / 115v
Generator Rated Output	7KVA	7KVA	4KVA	4KVA
Engine	KOHLER 14hp OHV	KOHLER 14hp OHV	KOHLER 14hp OHV	KOHLER 14hp OHV
Fuel/Fuel Tank Capacity	Unleaded / 7.3 Litres	Unleaded / 7.3 Litres	Unleaded / 7.3 Litres	Unleaded / 7.3 Litres
Full Load Approx. Run Time	2.8 hours	2.8 hours	2.8 hours	2.8 hours
Weight	91kg	99kg	91kg	99kg
Packaged Dimensions (HxWxL)	670 x 580 x 1060mm	670 x 580 x 1060mm	670 x 580 x 1060mm	670 x 580 x 1060mm
Barcode Number	5012713251674	5012713251681	5012713251704	5012713251711
ACCESSORIES	ITEM NO.	ITEM NO.	ITEM NO.	ITEM NO.
Optional Accessory Kit	05101	05101	05105	05105

THESE UNITS ARE DESIGNED FOR EXPORT ONLY

# MIG Welding

## Key Features:

Our new collection of Weldmate portable MIG welders are mainly for the serious home/trade welder and offer portability, ease-of-use and convenience at value-for-money prices.

- Ready to use in gasless mode
- Thermal overload indication
- Heavy duty casing for added durability



Welding Equipment

### 05710 Migmate T126-MIG Gasless

Uses standard domestic power source 230v (13amp), 125amp peak power, welds 1.2 to 4mm mild steel, ready to use

#### ACCESSORIES INCLUDED:

1.8m MIG torch, Earth Cable with Earth Clamp, Hand-held face shield, Contact tip, Chipping Hammer/Brush, 0.2kg Flux Cored MIG Wire

trade level ★★

**NEW**  
FROM SIP

12



Don't Forget  
ACCESSORIES &  
CONSUMABLES  
Page 30 - 35



**13AMP SUPPLY**   **GASLESS OPERATION**   **READY TO USE**

ITEM NO.	05710
Supply	230v (13amp)
Welding Current	60 to 90amp
Peak Current	125amp
Open Circuit Voltage	17 to 18.5v
Wire Size	0.8mm and 0.9mm Flux Cored
Wire Spool Size	0.7kg / 5kg
Insulation Class	Class H
Protection	IP21S
Output Power Settings	2
Approx. Weld Thickness Range	(mild steel) 1.2 to 4mm
Gross Weight	18kg
Net Weight	16.8kg
Packaged Dimensions (HxWxL)	360 x 225 x 410mm
Barcode Number	5012713057108

## 05736 Migmate T136-MIG Gas/Gasless

Uses standard domestic power source 230v (13amp), 135amp peak power, welds 0.7 to 5.4mm mild steel, ready to use in gasless mode

### ACCESSORIES INCLUDED:

1.8m MIG torch, Earth Cable with Earth Clamp, Gas Bottle Brackets, Hand-held face shield, Contact tip, Chipping Hammer/Brush, 0.2kg Flux Cored MIG Wire, Gas Hose

**NEW**  
FROM SIP

trade level ★★

Weld in **GASLESS** mode straight from the box

To weld in **GAS** mode you will need...

**MIG WIRE**  
**GAS REGULATOR**  
**GAS BOTTLE**

See pages 31 to 33 for full range



Don't Forget  
ACCESSORIES &  
CONSUMABLES  
Page 31



**13AMP**  
SUPPLY

**GAS &**  
**GASLESS**  
OPERATION

**READY**  
TO USE

ITEM NO.	05736
Supply	230v (13amp)
Welding Current	30 to 80amp
Peak Current	135amp
Open Circuit Voltage	15.5 to 18v
Wire Size	0.6mm and 0.8mm
Wire Spool Size	0.7kg / 5kg
Insulation Class	Class H
Protection	IP21S
Output Power Settings	4
Approx. Weld Thickness Range	(mild steel) 0.7 to 5.4mm
Gross Weight	22kg
Net Weight	20.5kg
Packaged Dimensions (HxWxL)	375 x 305 x 630mm
Barcode Number	5012713057368

## 05756 Migmate T166-MIG Gas/Gasless

165amp peak power, welds 0.7 to 6.2mm mild steel, ready to use in gasless mode

### ACCESSORIES INCLUDED:

1.8m MIG torch, Earth Cable with Earth Clamp, Gas Bottle Brackets, Hand-held shield, Contact tip, Chipping Hammer/Brush, 0.2kg Flux Cored MIG Wire, Gas Hose

**NEW**  
FROM SIP

trade level ★★

Weld in **GASLESS** mode straight from the box

To weld in **GAS** mode you will need...

**MIG WIRE**  
**GAS REGULATOR**  
**GAS BOTTLE**

See pages 31 to 33 for full range



Don't Forget  
ACCESSORIES &  
CONSUMABLES  
Page 30 - 35



**GAS &**  
**GASLESS**  
OPERATION

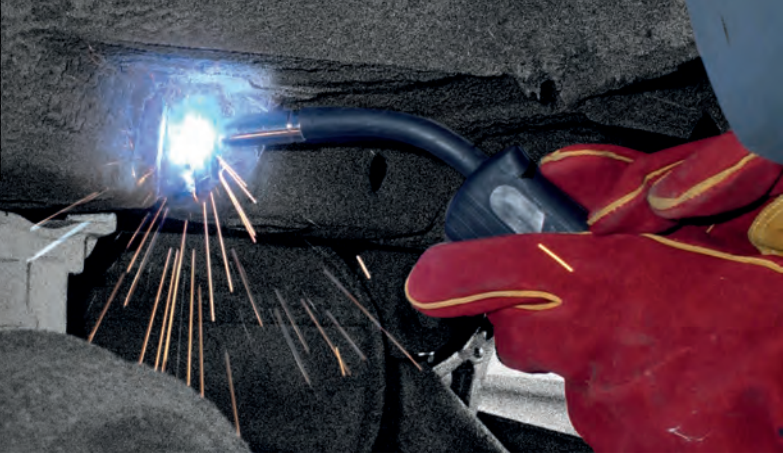
**READY**  
TO USE

ITEM NO.	05756
Supply	230v (16amp)
Welding Current	30 to 105amp
Peak Current	165amp
Open Circuit Voltage	15.5 - 19.25v
Wire Size	0.6mm and 0.8mm
Wire Spool Size	0.7kg / 5kg
Insulation Class	Class H
Protection	IP21S
Output Power Settings	6
Approx. Weld Thickness Range	(mild steel) 0.7 to 6.2mm
Gross Weight	25.5kg
Net Weight	24kg
Packaged Dimensions (HxWxL)	375 x 305 x 630mm
Barcode Number	5012713057566

# MIG Welding

## Key Features:

These heavy duty MIG welders combine fantastic quality, durability and value-for-money. With the addition of 2 more fantastic models, the Autoplus collection are powerful and robust machines. All offering superb features, perfect for any busy automotive garage or workshop.



### 05718 **Autoplus 180ST-MIG** 05720 **Autoplus 210ST-MIG**

trade level ★★

Heavy duty all-metal constructed wire feed with large, powerful motor Dual-purpose operation for maximum versatility:

Gas mode for aluminium, stainless steel and mild steel, Gasless mode for mild steel.

Variable wire spool size - capability to accept 5kg and 15kg spools for maximum convenience

Turbo-fan cooled for increased duty cycle

#### ACCESSORIES INCLUDED:

3m MB15 Euro connection MIG Torch, 2.1m Earth Cable and Earth Clamp, 3m Gas Hose and Contact Tip

Welding Equipment

14

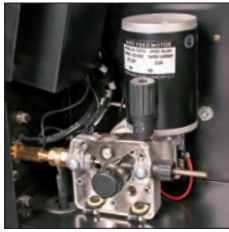


**GAS & GASLESS OPERATION**

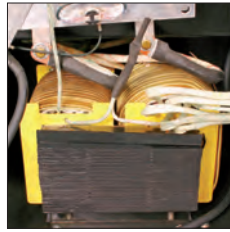
**WHEEL MOUNTED**

ITEM NO.	05718	05720
Supply	230v (25amp)	230v (35amp)
Welding Current	30 to 145amp	30 to 175amp
Peak Current	180amp	210amp
Output @ 60% Duty Cycle	73amp	87.5amp
Open Circuit Voltage	15.5 - 21.25v	15.5 - 22.5v
Wire Size	0.6mm to 1mm	0.6mm to 1mm
Wire Spool Size	5kg / 15kg	5kg / 15kg
Insulation Class	Class H	Class H
Protection	IP21S	IP21S
Output Power Settings	6	6
Approx. Weld Thickness Range	(mild steel) 0.8 to 7mm	(mild steel) 0.8 to 9mm
Gross Weight	57kg	57.5kg
Net Weight	51.5kg	52kg
Packaged Dimensions (HxWxL)	815 x 500 x 950mm	815 x 500 x 950mm
Barcode Number	5012713057184	5012713057207

professional level **★★★★**



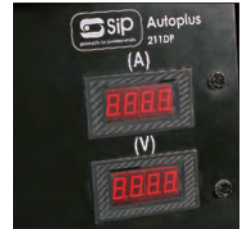
Both units feature:  
Heavy duty all-metal constructed wire feed with large, powerful motor



Heavy duty, durable transformer for maximum reliability as standard



Autoplus 211DP features:  
Smoothing capacitor for exceptional welding consistency on very thin materials



Digital volt meter and ammeter to monitor welding performance

To weld in **GASLESS** mode you will need...  
**FLUX CORED WIRE**  
See pages 31 to 33 for full range

To weld in **GAS** mode you will need...  
**MIG WIRE**  
**LARGE GAS BOTTLE\***  
(\*not available from SIP)  
See pages 32-35 for full range of consumables and accessories

**HEAVY DUTY WELDERS**  
PERFECT FOR ANY BUSY AUTOMOTIVE GARAGE OR WORKSHOP

**LOW CURRENT PERFORMANCE**  
FOR BETTER WELDING ON BODYWORK



04791 **Autoplus 181DP**  
04793 **Autoplus 211DP**

- Heavy duty all-metal constructed wire feed with large, powerful motor
- Dual-purpose operation for maximum versatility:  
Gas mode for aluminium, stainless steel and mild steel  
Gasless mode for mild steel.
- Variable wire spool size - capability to accept 5kg and 15kg spools for maximum convenience
- Turbo-fan cooled for increased duty cycle
- Digital volt meter and ammeter on Autoplus 211DP (04793)

**ACCESSORIES INCLUDED:**

Professional Euro-connection MIG torch with 3 metre cable, brass gas regulator, gas hose, 5kg reel spacer, link cable, earth lead, welding mask, wire brush/ chipping hammer, 3 x wire feed rollers (0.6/0.8mm, 0.8/1.0mm & 0.8 serrated/1.0mm).

**GAS & GASLESS OPERATION** **WHEEL MOUNTED**

MODEL	AUTOPLUS 181DP	AUTOPLUS 211DP
ITEM NO.	04791	04793
Supply	230v (32amp)	230v (42amp)
Welding Current	30 to 180amp	30 to 210amp
Output @ 60% Duty Cycle	90amp	135amp
Open Circuit Voltage	26 to 53v	21v to 44v
Wire Size	0.6 - 0.8mm Steel 0.8mm Aluminium 0.8mm Cored	0.6 - 0.8mm Steel 0.8mm Aluminium 0.8mm Cored
Wire Spool Size	5kg to 15kg	5kg to 15kg
Insulation Class	Class H	Class H
Protection	IP21	IP21
Output Power Settings	8	6
Approx. Weld Thickness Range	(mild steel) 0.6 to 7mm	(mild steel) 0.8 to 9mm
Net Weight	59kg	64kg
Packaged Dimensions (HxWxL)	800 x 320 x 600mm	800 x 320 x 900mm
Barcode Number	5012713047918	5012713047932



## ARC Inverter Welding

### 05182 T112 Inverter

- 230v (13amp) supply
- 10 - 80amp power
- 80amp @ 30% duty cycle
- 1.6 - 2.5mm electrode diameter
- Generator friendly
- Hot start & anti-stick
- Dinse sockets
- **Compact and very light weight design for portability**



trade level ★★

#### ACCESSORIES INCLUDED:

Electrode holder, earth clamp and all leads for ARC welding

LIGHT WEIGHT  
only 5kg

GENERATOR  
FRIENDLY

13AMP  
SUPPLY

PORTABLE  
UNIT

LIGHT  
WEIGHT

DINSE  
SOCKETS

ITEM NO.	05182
Supply	230v (13amp)
Electrode Size	1.6 to 2.5mm
Current Range	10 to 80amp
Insulation	Class H
Protection	IP21
Approx. Weld Thickness Range	(mild steel) 0.7 to 5mm
Weight	5kg
Packaged Dimensions (HxWxL)	290 x 290 x 140mm
Barcode Number	5012713051823

## SIP Hi-TECH Range exclusive to SIP

Patented  
Range

### ARC Inverter Welders

SIP's unique and patented Weldmate Inverter range provides incredible power and high quality results from remarkably lightweight, but reliable DC power sources.

Cutting edge technology (including anti-stick circuitry) ensures these units give a stable arc whilst maintaining optimised welding parameters. Ideal for a wide range of applications; including fabrication, general and auto repairs, agricultural repairs and on-site welding. Superb build quality and extremely easy to use, but with exceptionally high duty cycle.

Supplied complete with leads and arc accessories.

### 05150 Weldmate P174 ARC Inverter Welder

professional level ★★★

- Current output range 10 to 140amps
- Very high duty cycle 140amps @ 60%
- Generator friendly

#### ACCESSORIES INCLUDED:

Electrode holder with 3 metre cable,  
3 metre earth lead, tough blow  
moulded carry case



2 Year  
Warranty

LIGHT WEIGHT  
only 8.4kg

## GENERATOR FRIENDLY

All the ARC welders on these pages are designed and built to cope with the voltage fluctuations encountered when powered by a portable generator



Search YouTube for:  
SipTechZone

GENERATOR  
FRIENDLY

13AMP  
SUPPLY

PORTABLE  
UNIT

LIGHT  
WEIGHT

DINSE  
SOCKETS

ITEM NO.	05150
Supply	230v (13amp)
Welding Current	10 to 140amp
Output @ 60% Duty Cycle	140amp
Electrode Size	1.6mm to 3.2mm
Approx. Weld Thickness Range	1.1mm to 5.6mm
Insulation Class	F
Protection	IP21S
Net Weight	8.4kg
Packaged Dimensions (HxWxL)	420 x 305 x 520mm
Barcode Number	5012713051502

Patented Range

# Hi-TECH / ARC Inverter Welding

## 05152 Weldmate P175DV ARC Inverter Welder

professional level **★★★**

- 230v/110v automatic switching input volts
- Current output range 10 to 140amps
- Very high duty cycle 140amps @ 60% / 100amps @ 60%
- Generator friendly

**ACCESSORIES INCLUDED:**

Electrode holder with 3 metre cable, 3 metre earth lead, tough blow moulded carry case



**2 Year**  
Warranty

**LIGHT WEIGHT**  
only 8.4kg

**230v/110v**  
AUTO SWITCHING

**PORTABLE**  
UNIT

**GENERATOR**  
FRIENDLY

**DUAL**  
VOLTAGE

**LIGHT**  
WEIGHT

**DINSE**  
SOCKETS

ITEM NO.	05152
Supply	230v (13amp) 110v (20amp)
Welding Current	230v: 10amp to 140amp 110v: 10amp to 100amp
Output @ 60% Duty Cycle	230v: 140amp 110v: 100amp
Electrode Size	1.6mm to 3.2mm
Approx. Weld Thickness Range	1.1mm to 5.6mm
Insulation Class	F
Protection	IP21S
Net Weight	8.4kg
Packaged Dimensions (HxWxL)	420 x 305 x 520mm
Barcode Number	5012713051526

## 05246 Weldmate P187 ARC Inverter Welder

professional level **★★★**

- Current output range 20 to 160amps
- Very high duty cycle 160amps @ 60%
- Generator friendly

**ACCESSORIES INCLUDED:**

Electrode holder with 3 metre cable and 3 metre earth lead



**2 Year**  
Warranty

**LIGHT WEIGHT**  
only 7.26kg



**Don't Forget**  
STORAGE/CARRY CASE  
Page 33

**GENERATOR**  
FRIENDLY

**PORTABLE**  
UNIT

**LIGHT**  
WEIGHT

**DINSE**  
SOCKETS

ITEM NO.	05246
Supply	230v (16amp)
Welding Current	20amp to 160amp
Output @ 60% Duty Cycle	160amp
Electrode Size	1.6mm to 4mm
Approx. Weld Thickness Range	1.1mm to 6mm
Insulation Class	F
Protection	IP21S
Net Weight	7.26kg
Packaged Dimensions (HxWxL)	340 x 275 x 475mm
Barcode Number	5012713052462

## Hi-TECH / ARC Inverter Welding

Patented Range

### 05154 **Weldmate P212 ARC/TIG Inverter Welder**

professional level ★★★★★

- Current output range 20 to 200amps
- Very high 200amps @ 60% duty cycle
- Generator friendly

**ACCESSORIES INCLUDED:**

Electrode holder with 3 metre cable, 3 metre earth lead, tough blow moulded carry case



**2 Year Warranty**

**LIGHT WEIGHT only 8.8kg**

### 05009 **SR26V TIG Torch**

- Optional torch for use with Weldmate T212 ARC/TIG welder (05154)



**GENERATOR FRIENDLY** **PORTABLE UNIT** **LIGHT WEIGHT** **DINSE SOCKETS**

ITEM NO.	05154
Supply	230v (22amp)
Welding Current	20amp to 200amp
Output @ 60% Duty Cycle	200amp
Electrode Size	1.6mm to 5mm
Approx. Weld Thickness Range	1.1mm to 8mm
Insulation Class	F
Protection	IP21S
Net Weight	8.8kg
Packaged Dimensions (HxWxL)	435 x 220 x 520mm
Barcode Number	5012713051540
ACCESSORIES	ITEM NO.
Brass Regulator with Two Gauges	09024
3/8" RH tailnut & 1/4" tailpiece	10945
5/16" tailpiece	10944

### 05250 **Weldmate P217 ARC Inverter Welder**

professional level ★★★★★

- Current output range 20 to 190amps
- Very high 190amps @ 60% duty cycle
- Generator friendly

**ACCESSORIES INCLUDED:**

Electrode holder with 3 metre cable and 3 metre earth lead



**2 Year Warranty**

**LIGHT WEIGHT only 7.6kg**

## GENERATOR FRIENDLY

All the ARC welders on these pages are designed and built to cope with the voltage fluctuations encountered when powered by a portable generator



**Don't Forget STORAGE/CARRY CASE Page 33**

**GENERATOR FRIENDLY** **PORTABLE UNIT** **LIGHT WEIGHT** **DINSE SOCKETS**

ITEM NO.	05250
Supply	230v (22amp)
Welding Current	20amp to 190amp
Output @ 60% Duty Cycle	190amp
Electrode Size	1.6mm to 4mm
Approx. Weld Thickness Range	1.1mm to 6.4mm
Insulation Class	F
Protection	IP21S
Net Weight	7.6kg
Packaged Dimensions (HxWxL)	340 x 275 x 475mm
Barcode Number	5012713052509

Patented Range

# Hi-TECH / ARC Inverter Welding

## 05252 Weldmate P267 ARC Inverter Welder

professional level **★★★**

- Current output range 35 to 260amps
- Very high 260amps @ 60% duty cycle
- Generator friendly

**ACCESSORIES INCLUDED:**

Electrode holder with 3 metre cable and 3 metre earth lead

### GENERATOR FRIENDLY

All the ARC welders on these pages are designed and built to cope with the voltage fluctuations encountered when powered by a portable generator



Don't Forget STORAGE/CARRY CASE Page 33

**2 Year Warranty**  
**LIGHT WEIGHT only 8.5kg**

**GENERATOR FRIENDLY** **PORTABLE UNIT** **LIGHT WEIGHT** **DINSE SOCKETS**

ITEM NO.	05252
Supply	230v (27amp)
Welding Current	35amp to 260amp
Output @ 60% Duty Cycle	260amp
Electrode Size	1.6mm to 6mm
Approx. Weld Thickness Range	1.1mm to 10.4mm
Insulation Class	F
Protection	IP21S
Net Weight	8.5kg
Packaged Dimensions (HxWxL)	455 x 270 x 350mm
Barcode Number	5012713052523

## 05254 Weldmate P417 ARC Inverter Welder

professional level **★★★**

- Current output range 35 to 390amps
- Very high 390amps @ 60% duty cycle
- Generator friendly
- Light weight compared to transformer based welders

**ACCESSORIES INCLUDED:**

Electrode holder with 3 metre cable and 3 metre earth lead



**2 Year Warranty**

**GENERATOR FRIENDLY** **PORTABLE UNIT** **LIGHT WEIGHT** **DINSE SOCKETS**

ITEM NO.	05254
Supply	400v (20amp)
Welding Current	35amp to 390amp
Output @ 60% Duty Cycle	390amp
Electrode Size	1.6mm to 6mm
Approx. Weld Thickness Range	1.1mm to 16mm
Insulation Class	F
Protection	IP21S
Net Weight	25kg
Packaged Dimensions (HxWxL)	510 x 380 x 620mm
Barcode Number	5012713052547

## Hi-TECH TIG/ARC Inverter Welding

Patented Range

# TIG/ARC High Frequency Inverter Welders

For more frequent professional use, these hi-tech TIG/ARC welders include a dual function allowing ARC welding. With anti-stick circuitry, high frequency TIG facility, with easy start and 10 amp extra low current performance for fine work. They give precision welding on mild and stainless steel, alloy steel, copper and bronze in TIG mode. Powerful and lightweight, these models from our patented range give excellent welding performance from a tough and reliable power source with an amazing duty cycle. Supplied complete with TIG and ARC accessories.

### 05266 **Weldmate P178HF DC TIG/ARC Inverter Welder**

professional level ★★ ★

- Very high duty cycle 160amps @ 60% TIG output, 140amps @ 60% ARC output
- 10amp extra low current performance
- Dual TIG and ARC welding function with anti-stick circuitry
- High frequency TIG facility for easy starting
- Latching system for 2 touch / 4 touch control

**ACCESSORIES INCLUDED:**

4 metre (SR17) TIG Torch, TIG and ARC accessories



**2 Year Warranty**

**LIGHT WEIGHT only 9.5kg**

**EXTRA LOW CURRENT PERFORMANCE**

**PORTABLE UNIT**

**LIGHT WEIGHT**

ITEM NO.	05266
Supply	230v (16amp)
<b>TIG</b>	
Welding Current	10amp to 160amp
Output @ 60% Duty Cycle	160amp
Approx. Weld Thickness Range	0.3mm to 4mm
<b>ARC</b>	
Welding Current	10amp to 140amp
Output @ 60% Duty Cycle	140amp
Electrode Size	1.6mm to 3.2mm
Approx. Weld Thickness Range	1.1mm to 5.6mm
Insulation Class	F
Protection	IP21S
Net Weight	9.5kg
Packaged Dimensions (HxWxL)	370 x 290 x 520mm
Barcode Number	5012713052660
ACCESSORIES	ITEM NO.
Brass Regulator with Two Gauges	09026
3/8" RH tailnut & 1/4" tailpiece	10945
5/16" tailpiece	10944
Quick release hose nipple for TIG	15100

### 05268 **Weldmate P188HF DC TIG/ARC Inverter Welder with Pulse**

professional level ★★ ★

- Very high duty cycle 180amps @ 60% TIG output, 155amps @ 60% ARC output
- 10amp extra low current performance
- Dual TIG and ARC welding function with anti-stick circuitry
- High frequency TIG facility for easy starting
- WITH PULSE - Aids welding on very thin materials
- Latching system for 2 touch / 4 touch control

**ACCESSORIES INCLUDED:**

4 metre (SR26) TIG Torch, TIG and ARC accessories

**2 Year Warranty**      **LIGHT WEIGHT only 9.5kg**



**EXTRA LOW CURRENT PERFORMANCE**

**PORTABLE UNIT**

**LIGHT WEIGHT**

ITEM NO.	05268
Supply	230v (16amp)
<b>TIG</b>	
Welding Current	10amp to 180amp
Output @ 60% Duty Cycle	180amp
Approx. Weld Thickness Range	0.3mm to 4.5mm
<b>ARC</b>	
Welding Current	10amp to 155amp
Output @ 60% Duty Cycle	155amp
Electrode Size	1.6mm to 3.2mm
Approx. Weld Thickness Range	1.1mm to 5.6mm
Insulation Class	F
Protection	IP21S
Net Weight	9.5kg
Packaged Dimensions (HxWxL)	370 x 290 x 520mm
Barcode Number	5012713052684
ACCESSORIES	ITEM NO.
Brass Regulator with Two Gauges	09026
3/8" RH tailnut & 1/4" tailpiece	10945
5/16" tailpiece	10944
Quick release hose nipple for TIG	15100

**did you know?**  
**PULSE FUNCTION** - rapidly alternating welding current prevents 'burn-through' when welding thin metals (e.g. car body panels) in DC mode.

Patented Range

# Hi-TECH TIG/ARC Inverter Welding

## 05269 Weldmate P208HF DC TIG/ARC Inverter Welder

professional level **★★★**

- Very high duty cycle 200amps @ 60% TIG output, 180amps @ 60% ARC output
- 10amp extra low current performance
- Dual TIG and ARC welding function with anti-stick circuitry
- High frequency TIG facility for easy starting
- Latching system for 2 touch / 4 touch control

**ACCESSORIES INCLUDED:**

4 metre (SR26) TIG Torch, TIG and ARC accessories



**2 Year Warranty**

**LIGHT WEIGHT only 9.9kg**

**EXTRA LOW CURRENT PERFORMANCE**

**PORTABLE UNIT**

**LIGHT WEIGHT**

ITEM NO.	05269
Supply	230v (16amp)
<b>TIG</b>	
Welding Current	10amp to 200amp
Output @ 60% Duty Cycle	200amp
Approx. Weld Thickness Range	0.3mm to 5mm
<b>ARC</b>	
Welding Current	10amp to 180amp
Output @ 60% Duty Cycle	180amp
Electrode Size	1.6mm to 4mm
Approx. Weld Thickness Range	1.1mm to 7.2mm
Insulation Class	F
Protection	IP21S
Net Weight	9.9kg
Packaged Dimensions (HxWxL)	370 x 290 x 520mm
Barcode Number	5012713052691
ACCESSORIES	ITEM NO.
Brass Regulator with Two Gauges	09026
3/8" RH tailnut & 1/4" tailpiece	10945
5/16" tailpiece	10944
Quick release hose nipple for TIG	15100

## AC/DC - TIG/ARC High Frequency Inverter Welders

These combined machines incorporate the latest inverter technology to give superb performance on the widest range of metals including **aluminium**. Very high duty cycle, stable and consistent arc, a wide range of features and controllability make these models from our hi-tech patent range very hard to beat.

Supplied complete with all leads and torch/holder. They can weld in AC/DC and ARC mode. Ideal for many specialist users - **a highly reliable yet lightweight package.**

## 05162 Weldmate P177HF AC/DC TIG/ARC Inverter Welder

professional level **★★★**

- Very high duty cycle 160amps @ 60% TIG output, 140amps @ 60% ARC output
- Latching system for 2 touch / 4 touch control
- 10amp extra low current performance
- Dual TIG and ARC welding function with anti-stick circuitry
- High frequency TIG facility for easy starting
- Light weight compared to transformer based welders

**ACCESSORIES INCLUDED:**

4 metre (SR17) TIG Torch, TIG and ARC accessories



**Don't Forget TIG FOOT CONTROL PEDAL Page 33**

**EXTRA LOW CURRENT PERFORMANCE**

**PORTABLE UNIT**

**LIGHT WEIGHT**

**2 Year Warranty**



ITEM NO.	05162
Supply	230v (11amp)
<b>TIG</b>	
Welding Current	10amp to 160amp
Output @ 60% Duty Cycle	160amp
Approx. Weld Thickness Range	0.3mm to 4mm
<b>ARC</b>	
Welding Current	10amp to 140amp
Output @ 60% Duty Cycle	140amp
Electrode Size	1.6mm to 3.2mm
Approx. Weld Thickness Range	1.1mm to 5.6mm
Insulation Class	F
Protection	IP21S
Net Weight	26kg
Packaged Dimensions (HxWxL)	440 x 430 x 600mm
Barcode Number	5012713051625
ACCESSORIES	ITEM NO.
Brass Regulator with Two Gauges	09026
3/8" RH tailnut & 1/4" tailpiece	10945
5/16" tailpiece	10944

# AC/DC - TIG/ARC High Frequency Inverter Welders

These combined machines incorporate the latest inverter technology to give superb performance on the widest range of metals including **aluminium**. Very high duty cycle, stable and consistent arc, a wide range of features and controllability make these models from our Hi-Tech patent range very hard to beat.

Supplied complete with all leads and torch/holder. They can weld in AC/DC and ARC mode. Ideal for many specialist users - **a highly reliable yet lightweight package compared to transformer based machines.**

## 05189 Weldmate P214HF AC/DC TIG/ARC Inverter Welder with Pulse

professional level ★★ ★

- Very high duty cycle 200amps @ 60% TIG output, 180amps @ 60% ARC output
- Latching system for 2 touch / 4 touch control
- 10amp extra low current performance
- Dual TIG and ARC welding function with anti-stick circuitry
- High frequency TIG facility for easy starting
- WITH PULSE - Aids welding on very thin materials

**ACCESSORIES INCLUDED:**

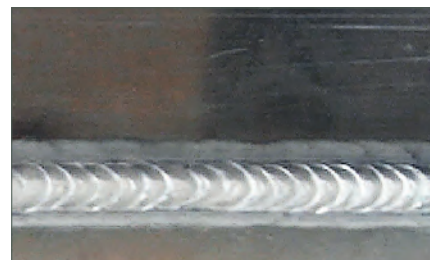
4 metre (SR26) TIG Torch, TIG and ARC accessories



Welding Equipment Hi-TECH Range

22

**2 Year Warranty**



AC TIG, flat welding, Aluminium Alloy, 120amps



Don't Forget TIG FOOT CONTROL PEDAL Page 33

EXTRA LOW CURRENT PERFORMANCE

PORTABLE UNIT

ITEM NO.	05189
Supply	230v (16amp)
TIG	
Welding Current	10amp to 200amp
Output @ 60% Duty Cycle	200amp
Approx. Weld Thickness Range	0.3mm to 5mm
ARC	
Welding Current	10amp to 180amp
Output @ 60% Duty Cycle	180amp
Electrode Size	1.6mm to 4mm
Approx. Weld Thickness Range	1.1mm to 7.2mm
Insulation Class	F
Protection	IP21S
Net Weight	27kg
Packaged Dimensions (HxWxL)	470 x 460 x 710mm
Barcode Number	5012713051892
ACCESSORIES	ITEM NO.
Brass Regulator with Two Gauges	09026
3/8" RH tailnut & 1/4" tailpiece	10945
5/16" tailpiece	10944

Patented Range

# Hi-TECH / TIG/ARC Inverter Welding

05273 (1ph) **Weldmate P317HF AC/DC, TIG/ARC Inverter Welder with Pulse**

05271 (3ph) **Weldmate P318HF AC/DC, TIG/ARC Inverter Welder with Pulse**

- Very high duty cycle 315amps @ 60% TIG output, 290amps @ 60% ARC output
- Latching system for 2 touch / 4 touch control
- 10amp extra low current performance
- Dual TIG and ARC welding function with anti-stick circuitry
- High frequency TIG facility for easy starting
- WITH PULSE - Aids welding on very thin materials

**ACCESSORIES INCLUDED:**

4 metre (WP-18) TIG Torch (05042), TIG and ARC accessories

professional level **★★★**



Don't Forget TIG FOOT CONTROL PEDAL Page 33

Welding Equipment Hi-TECH Range

23



**2 Year Warranty**



Don't Forget ACCESSORIES & CONSUMABLES Page 34 - 35

**EXTRA LOW CURRENT PERFORMANCE** **PORTABLE UNIT**

ITEM NO.	05273 - 1 Phase	05271 - 3 Phase
Supply	230v (32amp)	400v (10amp)
	<b>TIG</b>	
Welding Current	10amp to 315amp	10amp to 315amp
Output @ 60% Duty Cycle	315amp	315amp
Approx. Weld Thickness Range	0.3mm to 7.9mm	0.3mm to 7.9mm
	<b>ARC</b>	
Welding Current	10amp to 290amp	10amp to 290amp
Output @ 60% Duty Cycle	290amp	290amp
Electrode Size	1.6mm to 5mm	1.6mm to 5mm
Approx. Weld Thickness Range	1.1mm to 8mm	1.1mm to 8mm
Insulation Class	F	F
Protection	IP21S	IP21S
Net Weight	28.7kg	28.7kg
Packaged Dimensions (HxWxL)	470 x 460 x 710mm	470 x 460 x 710mm
Barcode Number	5012713052738	5012713052714
	<b>ACCESSORIES</b>	
	ITEM NO.	ITEM NO.
Brass Regulator with Two Gauges	09026	09026
3/8" RH tailnut & 1/4" tailpiece	10945	10945
5/16" tailpiece	10944	10944



# Multi-Functional HF TIG/ARC/Plasma Inverter

Unique to SIP, the Weldmate Multi P185HF TIG/ARC/Plasma Inverter combines power, reliability and ultimate versatility. This 3-in-1 unit is a fantastic value-for-money option for those wanting to weld and plasma cut without investing in standalone machines for each. TIG, ARC and Plasma all in one unit, the Weldmate Multi P184HF is lightweight, saves space and is covered by our 2 year warranty.

## 05279 Weldmate Multi P185HF TIG/ARC/Plasma Inverter

professional level ★★★★★

- Very high duty cycle 160amps @ 60% TIG output, 160amps @ 60% ARC output and 40amps @ 60% Plasma Cutter
- Rated output: 15 to 160amps HF TIG, 15 to 160amps ARC and 20 to 40amps Plasma Cutter

**ACCESSORIES INCLUDED:**

Complete with regulator, 4 metre (SR17) TIG torch, 4 metre air cooled Plasma torch and ARC electrode holder.



**UNIQUE TO SIP**  
3-in-1  
TIG, ARC & PLASMA

**2 Year**  
Warranty

**LIGHT WEIGHT**  
only 13.4kg



**LIGHT WEIGHT** **EXTRA LOW CURRENT PERFORMANCE** **PORTABLE UNIT**



TIG, flat welding, carbon steel, 130amps



Don't Forget  
**WELDING HEADSHIELD**  
Page 30

ITEM NO.	05279
Supply	230v (16amp)
<b>TIG</b>	
Welding Current	15amp to 160amp
Output @ 60% Duty Cycle	160amp
Approx. Weld Thickness Range	0.3mm to 4mm
<b>ARC</b>	
Welding Current	15amp to 160amp
Output @ 60% Duty Cycle	160amp
Electrode Size	1.6mm to 4mm
Approx. Weld Thickness Range	1.1 mm to 5.6mm
<b>PLASMA</b>	
Output Current	20mm to 40amp
Output @ 60% Duty Cycle	40amp
Max. Cutting capacity (mild steel)	10mm / Severs 12mm
Output Power Settings	Infinitely Variable
Compressed Air Pressure	4.4 bar
Average Air Consumption	200 l/min
Insulation Class	F
Protection	IP21S
Net Weight	13.4kg
Packaged Dimensions (HxWxL)	440 x 218 x 335mm
Barcode Number	5012713052790

Patented Range

# Hi-TECH / MIG Inverter Welding

The SIP range of Hi-Tech MIG Inverter power sources are unique in the UK and come from our patented range of specialist inverters.

All models are incredibly portable due to their light weight but provide contrasting performance with their tough 60% duty cycles. Most models also run ARC and MIG from the same machines with the 455 also having the ability to weld in TIG mode.

Excellent low amperage performance makes these ideal for automotive bodywork use whilst high amperages give strong welds on the thickest of materials.

Supplied complete including Binzel brand torches.

## MIG Inverter Welder - dual purpose

### 05168 Weldmate P194 MIG Inverter Welder

professional level ★★★

- Very high duty cycle 180amps @ 60%
- Extra low current performance - ideal for welding thin body panels (in gas mode)
- Dual purpose for welding with or without gas
- Infinitely variable power settings for maximum control
- Inductance control

**ACCESSORIES INCLUDED:**

MB15 BINZEL 3 metre Euro-connector MIG Torch, accessories and gas regulator

Weld in **GASLESS** mode straight from the box

To weld in **GAS** mode you will need...

**MIG WIRE  
GAS REGULATOR  
GAS BOTTLE**

See pages 32-35 for full range of accessories and consumables

**2 Year  
Warranty**



CO2 MIG, flat welding, carbon steel, 130amps

### did you know?

**INDUCTANCE CONTROL** - allows accurate manipulation of the ARC characteristics, tailoring the ARC to the metal type and thickness as well as the type of gas used

**EXTRA LOW CURRENT PERFORMANCE**

**GAS & GASLESS OPERATION**

**PORTABLE UNIT**

ITEM NO.	05168
Supply	230v (16amp)
Welding Current	30amp to 180amp
Output @ 60% Duty Cycle	180amp
Open Circuit Voltage	15v to 23v
Wire Size	0.6mm / 0.8mm / 1mm
Wire Spool Size	5kg
Output Power Settings	Infinitely Variable
Approx. Weld Thickness Range	0.9mm to 7.2mm
Insulation Class	F
Protection	IP21S
Net Weight	18kg
Packaged Dimensions (HxWxL)	520 x 315 x 735mm
Barcode Number	5012713051687
<b>ACCESSORIES</b>	<b>ITEM NO.</b>
Brass Regulator with Two Gauges	09026
3/8" RH tailnut & 1/4" tailpiece	10945
5/16" tailpiece	10944

# Hi-TECH / MIG, ARC Inverter Welding

Patented Range

## MIG/ARC Inverter Welder - dual weld

### 05170 Ideal 301 MIG/ARC Inverter Welder

professional level ★★★★★

- Dual MIG/ARC welding feature for maximum versatility
- Very high duty cycle 250amps @ 60% MIG output / 220amp @ 60% ARC output
- Burn back delay
- Heavy duty all metal wire feed
- Volt meter & ammeter
- Latching system for 2 touch / 4 touch control
- Inching button

**ACCESSORIES INCLUDED:**

MB24 BINZEL 3 metre Euro-connector MIG Torch, MIG & ARC accessories and gas regulator



To weld in **GAS** mode you will need...  
**MIG WIRE**  
**GAS BOTTLE**  
 See pages 32 to 35 for full range

**2 Year**  
 Warranty



Heavy duty all metal wirefeed



CO2 MIG, flat welding, carbon steel, 130amps



Don't Forget  
**ACCESSORIES & CONSUMABLES**  
 Page 32-35



Rear mounted fully enclosed wire spool feed system

**MIG/ARC DUAL WELD FUNCTION**    **PORTABLE UNIT**

ITEM NO.	05170
Supply	230v (27amp)
<b>MIG</b>	
Welding Current	50amp to 250amp
Output @ 60% Duty Cycle	250amp
Open Circuit Voltage	15v to 29v
Wire Size	0.8mm / 1mm
Wire Spool Size	15kg
Approx. Weld Thickness Range	1.4mm to 10mm
<b>ARC</b>	
Welding Current	50amp to 220amp
Output @ 60% Duty Cycle	220amp
Electrode Size	1.6mm to 5mm
Approx. Weld Thickness Range	1.4mm to 10mm
Output Power Settings	Infinitely Variable
Insulation Class	F
Protection	IP21S
Net Weight	28.6kg
Packaged Dimensions (HxWxL)	565 x 405 x 565mm
Barcode Number	5012713051700
<b>ACCESSORIES</b>	
Brass Regulator with Two Gauges	09026
3/8" RH tailnut & 1/4" tailpiece	10945
5/16" tailpiece	10944

# MIG/ARC Inverter Welder - dual weld

05172 (1ph) **Ideal 303 MIG/ARC Inverter Welder**  
 05167 (3ph) **Ideal 304 MIG/ARC Inverter Welder**

professional level ☆☆☆

- Dual MIG/ARC welding feature for maximum versatility
- Very high duty cycle 250amps @ 60% MIG output / 220amp @ 60% ARC output
- Burn back delay
- Heavy duty all metal 4 roller wire feed
- Volt meter & ammeter
- Integrated large bottle carrier
- Latching system for 2 touch / 4 touch control
- Inching button
- Inductance control

**ACCESSORIES INCLUDED:**

MB24 BINZEL 3 metre Euro-connector MIG Torch, MIG & ARC accessories and gas regulator



Heavy duty all metal 4 roller wire feed



Integrated large bottle carrier



**2 Year**  
Warranty

**MIG/ARC**  
DUAL WELD  
FUNCTION

**WHEEL**  
MOUNTED

ITEM NO.	05172 - 1 Phase 05167 - 3 Phase
Supply	230v (27amp) - 1 Phase 400v (12amp) - 3 Phase
<b>MIG</b>	
Welding Current	50amp to 250amp
Output @ 60% Duty Cycle	250amp
Open Circuit Voltage	15v to 29v
Wire Size	0.8mm / 1mm
Wire Spool Size	15kg
Approx. Weld Thickness Range	1.4mm to 10mm
<b>ARC</b>	
Welding Current	50amp to 220amp
Output @ 60% Duty Cycle	220amp
Electrode Size	1.6mm to 5mm
Approx. Weld Thickness Range	1.4mm to 10mm
Output Power Settings	Infinitely Variable
Insulation Class	F
Protection	IP21S
Net Weight	46kg
Packaged Dimensions (HxWxL)	920 x 480 x 1250mm
Barcode Number	5012713051724
	5012713051670

To weld in **GAS** mode you will need...

**MIG WIRE LARGE GAS BOTTLE\***

(\*not available from SIP)  
See pages 32 to 35 for full range of accessories and consumables

## did you know?

**INDUCTANCE CONTROL** - allows accurate manipulation of the ARC characteristics, tailoring the ARC to the metal type and thickness as well as the type of gas used

# MIG/ARC Inverter Welder dual purpose

## 05173 Ideal 455 MIG/ARC Inverter Welder

professional level ★★★★★

- Very high duty cycle 350amps @ 60% MIG output / 250amp @ 60% ARC output
- Dual purpose MIG welding with or without gas
- Heavy duty all metal 4 roller separate wire feed with 4 metre umbilical cord with MIG power and wire speed controls
- Volt meter & ammeter
- Latching system for 2 touch / 4 touch control
- Inching button

**ACCESSORIES INCLUDED:**

MB36 BINZEL 4 metre Euro-connector  
MIG Torch, MIG & ARC  
accessories and  
gas regulator



Separate wire feed module can be mounted on the machine or around the workshop away from the power source



2 Year Warranty

To weld in **GASLESS** mode you will need...  
**FLUX CORED WIRE**

To weld in **GAS** mode you will need...  
**MIG WIRE  
LARGE GAS BOTTLE\***  
(\*not available from SIP)  
See pages 32 to 35 for full range of accessories and consumables



Don't Forget ACCESSORIES & CONSUMABLES Page 30-35

MIG/ARC DUAL WELD FUNCTION    GAS & GASLESS OPERATION    WHEEL MOUNTED

ITEM NO.	05173
Supply	400v (15amp)
<b>MIG</b>	
Welding Current	50amp to 350amp
Output @ 60% Duty Cycle	350amp
Open Circuit Voltage	15v to 40v
Wire Size	1mm to 1.6mm
Wire Spool Size	15kg
Approx. Weld Thickness Range	1.4mm to 14mm
<b>ARC</b>	
Welding Current	50amp to 250amp
Output @ 60% Duty Cycle	250amp
Electrode Size	1.6mm to 5mm
Approx. Weld Thickness Range	1.3mm to 6.3mm
Insulation Class	F
Protection	IP21S
Net Weight	42kg
Packaged Dimensions (HxWxL)	1510 x 470 x 1210mm
Barcode Number	5012713051731

Patented  
Range

## Hi-TECH / PLASMA Inverter Cutters

### Inverter Plasma Cutters

Inverter Plasma is one of the ideal technologies for very fast, highly accurate and consistently clean cutting of all conductive materials such as steel, stainless, copper, bronze and aluminium. Ideal for a variety of cutting applications.

#### 05175 Plasma 46 Inverter Plasma Cutter

- 20 to 40amps of cutting power - capable of cutting up to 10mm (mild steel), severs 12mm
- Duty cycle 40amps @ 60%
- Powerful and reliable providing fast, clean and precise cuts

**LIGHT WEIGHT**  
only 9.8kg



professional level ★★★

#### ACCESSORIES INCLUDED:

Regulator with gauge and 4 metre air cooled Plasma torch.

**2 Year**  
warranty

ITEM NO.	05175
Supply	230v (16amp)
Output Current	20amp to 40amp
Output @ 60% Duty Cycle	40amp
Max. Cutting Capacity (Mild Steel)	10mm Severs 12mm
Output Power Settings	Infinitely Variable
Compressed Air Pressure	4.4 bar
Average Air Consumption	5.3 CFM
Insulation Class	F
Protection	IP21S
Net Weight	9.8kg
Packaged Dimensions (HxWxL)	370 x 290 x 520mm
Barcode Number	5012713051755

#### 05177 Plasma 56 Inverter Plasma Cutter

- 10 to 50amps of cutting power - capable of cutting up to 12mm (mild steel), severs 15mm
- Duty cycle 50amps @ 60%
- Powerful and reliable providing fast, clean and precise cuts

**LIGHT WEIGHT**  
only 10kg

Don't Forget  
PLASMA  
ACCESSORIES  
Page 36



professional level ★★★

#### ACCESSORIES INCLUDED:

Regulator with gauge and 4 metre air cooled Plasma torch.

**2 Year**  
warranty

ITEM NO.	05177
Supply	230v (20amp)
Output Current	10amp to 50amp
Output @ 60% Duty Cycle	50amp
Max. Cutting Capacity (Mild Steel)	12mm Severs 15mm
Output Power Settings	Infinitely Variable
Compressed Air Pressure	4.4 bar
Average Air Consumption	6 CFM
Insulation Class	F
Protection	IP21S
Net Weight	10kg
Packaged Dimensions (HxWxL)	370 x 290 x 520mm
Barcode Number	5012713051779

#### 05183 Plasma 77 Inverter Plasma Cutter - 3 Phase

- 20 to 70amps of cutting power - capable of cutting up to 20mm (mild steel), severs 25mm
- Duty cycle 70amps @ 60%
- Powerful and reliable providing fast, clean and precise cuts

**LIGHT WEIGHT**  
only 21kg



professional level ★★★

#### ACCESSORIES INCLUDED:

Regulator with gauge and 4 metre air cooled Plasma torch.

**2 Year**  
warranty

ITEM NO.	05183
Supply	400v (11amp)
Output Current	20amp to 70amp
Output @ 60% Duty Cycle	70amp
Max. Cutting Capacity (Mild Steel)	20mm Severs 25mm
Output Power Settings	Infinitely Variable
Compressed Air Pressure	4.4 bar
Average Air Consumption	8.8 CFM
Insulation Class	F
Protection	IP21S
Net Weight	21kg
Packaged Dimensions (HxWxL)	450 x 375 x 655mm
Barcode Number	5012713051793

# WELDING ACCESSORIES / Headshields

## 02881 Meteor 2180 Electronic Headshield

trade level ★★

- Powered by solar cell plus internal Lithium battery
- Super-fast less than 0.1m<sup>s</sup> light to dark response time
- Light state (for grinding) DIN 4, dark state shade DIN 9-13 (variable)
- Filter size 110mm x 90mm x 11mm
- Large viewing area 90mm x 40mm
- **Extra comfortable and lightweight - weighs just 500g**

Barcode Number: 5012713028818



**NEW**  
FROM SIP

LIGHT WEIGHT  
only 500g

## 02876 Meteor 2200 Electronic Headshield - Classic

professional level ★★★

## 02878 Meteor 2200F Electronic Headshield - Flame

Available in two design finishes, hi-gloss Classic or Flame, with one function in mind.....**SAFETY!**

- Adjustable TIG sensitivity switch for maximum TIG welding versatility
- Powered by solar cell plus internal Lithium battery for maximum performance
- Light shade state DIN 4, dark state shade DIN 9 - 13 (variable)
- Super fast 1/25,000 second light to dark and 0.6 second dark to light response times
- Large viewing area measuring 98 x 40mm
- Extra comfortable and lightweight - **weighs just 420g**

Barcode Number: 5012713028764

Barcode Number: 5012713028788



### PRODUCT TEST

"The sensitivity control is enhanced by a welding process switch that allows the helmet to cater for the different light/ultraviolet/infrared emissions from the TIG, MIG and arc processes, thus making sensitivity adjustment more precise."



Unique TIG sensitivity switch



02876 - Classic



02878 - Flame

LIGHT WEIGHT  
only 420g

### Headshield Accessories

Description	Fits SIP Helmet	Item No.	Barcode Number
Front Cover Lens	02881	02893	5012713028931
Back Cover Lens	02881	02892	5012713028924
Front Cover Lens	02876 • 02878	02873	5012713028733
Back Cover Lens	02876 • 02878	02877	5012713028771

# WELDING ACCESSORIES



02811

25117



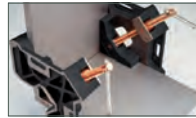
Exact alignment of steel structures



Welding 'T' joints with square pipe



Grinding and seams on angled joints



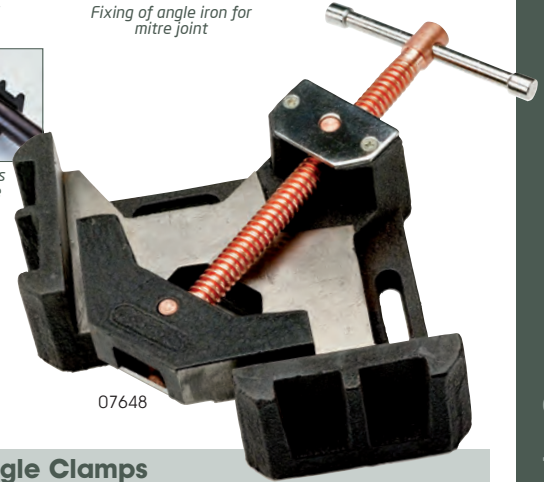
Safe holding of steel plates



Fixing of angle iron for mitre joint



Welding 'T' joints with round pipe



07648

## Welding Gauntlets & Apron

Quality suede leather gauntlets and apron, providing protection from welding spatter and sparks.

Description	Item No.	Barcode No.
Deluxe Welding Gauntlets	02811	5012713028115
Leather Welding Gauntlets & Apron	25117	5012713251179

## Welding Angle Clamps

A specialist angle jig and fixture clamp to allow one person to set up and weld instantly.

- Cast iron construction
- Spindle copper plated for spatter protection
- Sliding 'T' Handle
- Oblong holes for easy fixing to workbench or machine tool table

Description	Item No.	Barcode No.
6" Welding Angle Clamp	07648	5012713076482
9" Welding Angle Clamp	07649	5012713076499



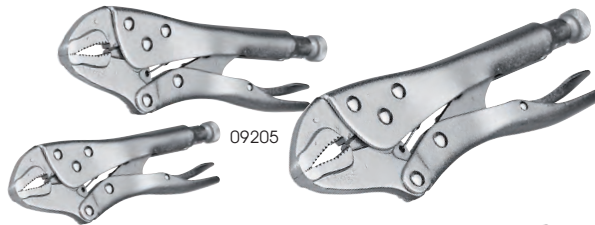
Securely holds the workpiece whilst welding



09510



09520



09205



09530



02740

02735

## Magnetic Holders

Description	Item No.	Barcode No.
Magnetic Holder 'M' Model	09510	5012713095100
Magnetic Holder 'L' Model	09520	5012713095209

## Welding Pliers

Description	Item No.	Barcode No.
Welding Pliers	09205	5012713092055

## Welding Clamps

Description	Item No.	Barcode No.
Welding Clamps	09530	5012713095308

## Earth Clamps

Description	Item No.	Barcode No.
Earth Clamp (261)	02735	5012713027354
Earth Clamp (411)	02740	5012713027408



# WELDING ACCESSORIES

## ARC Welding Accessory Kits

All accessories are of the highest quality to ensure maximum performance when used in conjunction with SIP equipment.

**ALL KITS COMPRISE:** Cables, earth clamp, electrode holder, face mask, combination chipping hammer/wire brush.

Connection	Max. Output	Cable Size	Electrode Cable	Earth Cable	Item No.	Barcode No.
Small Dinse Plug	190amps	16mm <sup>2</sup>	3 metres	2 metres	05100	5012713051007
Small Dinse Plug	300amps	35mm <sup>2</sup>	5 metres	3 metres	05108	5012713051083
Large Dinse Plug	225amps	25mm <sup>2</sup>	3 metres	2 metres	05105	5012713051052
Large Dinse Plug	300amps	35mm <sup>2</sup>	5 metres	3 metres	05110	5012713051106
Large Dinse Plug	400amps	50mm <sup>2</sup>	5 metres	3 metres	02660	5012713026609
Large Dinse Plug	500amps	70mm <sup>2</sup>	5 metres	3 metres	02674	5012713026746

## ARC Welding Electrode Holders

Top quality general purpose electrode holders suitable for DIY and professional users.

Description	Max. Amps	Item No.	Barcode No.
Professional Electrode Holder P202	300 amps	02715	5012713027156
Professional Electrode Holder P303	400 amps	02720	5012713027200



## MIG Welding Torches

Precision engineered replacement torches. Sold complete with Euro connectors they are rated at 160 to 300amps.

Description	Rating	Cable / Connection	Compatible with SIP Welders*	Item No	Barcode No.
Migmate Torch (F12B)	120amp @ 30% duty cycle	2 metres	25026 • 25034	02795	5012713027958
Complete Migmate Torch	120amp @ 30% duty cycle	2 metres	05710 • 05736 • 05756	02741	5012713027415
MIG Torch (P14)	160amp @ 60% duty cycle	3 metres	25035 • 25036	02792	5012713027927
Euro MIG Torch (P14)	160amp @ 60% duty cycle	3 metres / Euro	25037 • 25038 • 25039 • 25041	05500	5012713055005
Euro MIG Torch (EP15)	180amp @ 60% duty cycle	3 metres / Euro	25040	05502	5012713055029
Euro MIG Torch (EP24)	250amp @ 60% duty cycle	3 metres / Euro	05170	05506	5012713055067
MIG/MAG Welding Torch (EP25)	230amp @ 60% duty cycle	3 metres / Euro	25043 • 25044 • 25045 • 25049 • 25094	05505	5012713055050
MIG/MAG Welding Torch (EP25)	230amp @ 60% duty cycle	4 metres / Euro	25043 • 25044 • 25045 • 25049 • 25094	05510	5012713055104
MIG/MAG Welding Torch (EP36)	300amp @ 60% duty cycle	3 metres / Euro	25046 • 25050 • 25051 • 25089	05515	5012713055159



## TIG Welding Torches

Precision engineered replacement torches. Sold complete with connectors.

Description	Power Connection	Gas Connection	Compatible with SIP TIG Welders*	Item No	Barcode No.
TIG Torch SR26V	Large Dinse	3/8" Bsp	05154	05009	5012713050093
TIG Torch SR26	Large Dinse	Bayonet	05164 • 05269	05019	5012713050192
TIG Torch WP18	Large Dinse	Bayonet	05271	05042	5012713050420



## Control Pedal

Provides the user with hands-free power output control whilst welding. 2 metre cables with plastic type connectors.

Description	Suitable for Welders	Item No	Barcode No.
Foot Control Pedal	05162 • 05189 • 05273 • 05271	05181	5012713051816

## Welder Storage/Carry Case

For SIP Hi-Tech range of ARC welder inverters, sturdy blow moulded construction

Description	Suitable for SIP HI-TECH Welders	Item No	Barcode No.
Storage/Carry Case	05150 • 05152 • 05246 • 05250 • 05252	05140	5012713051403

## Three Tier Welding Cart

Description	Suitable for SIP HI-TECH Welders	Item No	Barcode No.
Three Tier Welding Cart	05150 • 05152 • 05246 • 05250 • 05252	05700	5012713057009



## Gas Regulators

Brass gas regulators for use with gas bottles. Manufactured to the highest quality.

- For use with disposable & standard refillable gas bottles.
- High quality and manufactured to offer maximum performance.

Description	Compatible with SIP TIG Welders*	Item No	Barcode No.
<b>FOR USE WITH DISPOSABLE GAS BOTTLES</b>			
Gas Regulator		09017	5012713090174
Gas Regulator - Display Packed	02654 • 02656 • 02657 • 02658 • 02659	04030	5012713040308
<b>FOR USE WITH STANDARD GAS BOTTLES</b>			
Gas Regulator with Contents & Flow Gauge		09026	5012713090266

## Migmate Conversion Kit

A full size bottle conversion kit for the Migmate user. **KIT COMPRISES:** hose, jubilee clips, small bottle and hose adaptor.

Description	Item No	Barcode No.
Migmate Conversion Kit	02782	5012713027828

## Braided Hose for MIG Welders

Replacement gas connection hoses.

Description	Item No	Barcode No.	
8mm Braided Hose	for Inverter welders	07616	5012713076161
6mm Braided Hose	for Transformer based welders	07619	5012713076192

\*may also fit other non SIP torches - please check your torch manual

# WELDING ACCESSORIES

## ARC Consumables

A pack of top quality general-purpose ARC welding electrodes - suitable for mild steel (type 6013). supplied in 5kg packs for convenience and superb value for money.



### ARC Welding Electrodes

Description	Pack Weight	Item No.	Barcode Number
1.6mm (mild steel general purpose - 6013)	5kg	02775	5012713027750
2.0mm (mild steel general purpose - 6013)	5kg	02776	5012713027767
2.5mm (mild steel general purpose - 6013)	5kg	02777	5012713027774
3.25mm (mild steel general purpose - 6013)	5kg	02778	5012713027781
4.0mm (mild steel general purpose - 6013)	5kg	02779	5012713027798

## MIG Consumables

From shrouds to wire, all SIP consumables are manufactured to the highest quality to offer maximum performance with SIP equipment. Retail display packs are also available (see next page).

### Torch Tips

Description	Suitable for SIP Torches*	Item No.	Barcode Number
0.6mm Tip	02792 • 05500 • 05502	09070	5012713090709
0.6mm Tip	02795	02651	5012713026517
0.8mm Tip	05505 • 05510 • 05515	09077	5012713090778
0.8mm Tip	02741 • 02792 • 05500 • 05502	09080	5012713090808
0.8mm Tip	02795	02652	5012713026524
0.9mm Tip	02741	09074	5012713090747
1.0mm Tip	05502	09075	5012713090754
1.0mm Tip	05505 • 05510 • 05515	09078	5012713090785



### Torch Welding Shrouds

Description	Suitable for SIP Torches*	Item No.	Barcode Number
MIG Shroud - cylindrical	02741 • 05500 • 05502	02684	5012713026845
MIG Shroud - short	02795	02784	5012713027842
EP24 Shroud	05506 • 05170	02798	5012713027989



### Welding Wire

Description - Wire Type	Thickness	Reel Size	Item No.	Barcode Number
Mild Steel	0.6mm	0.7kg	02661	5012713026616
Mild Steel	0.8mm	0.7kg	02662	5012713026623
Mild Steel	1.2mm	15.0kg - wire basket	02673	5012713026739
Mild Steel - Precision Wound	0.6mm	5.0kg	02666	5012713026661
Mild Steel - Precision Wound	0.6mm	15.0kg - wire basket	02668	5012713026685
Mild Steel - Precision Wound	0.8mm	5.0kg	02669	5012713026692
Mild Steel - Precision Wound	0.8mm	15.0kg - wire basket	02671	5012713026715
Mild Steel - Precision Wound	1.0mm	15.0kg - wire basket	02681	5012713026814
Aluminium Wire	0.8mm	0.5kg	02663	5012713026630
Stainless Steel Wire	0.8mm	0.7kg	02664	5012713026647
Flux Cored (gasless)	0.8mm	Mini	02705	5012713027057
Flux Cored (gasless)	0.8mm	0.45kg	02679	5012713026791
Flux Cored (gasless)	0.8mm	0.9kg	02678	5012713026784
Flux Cored (gasless)	0.8mm	5.0kg (4.5kg on roll)	02706	5012713027064



### Reel Adaptor

Description		Item No.	Barcode Number
Wire Reel Adaptor	A plastic reel adaptor for all 15kg 'wire basket' type reels	02713	5012713027132
5kg Reel Adaptor (S)	A plastic reel adaptor for fitting 5kg rolls on portable welders	10128	5012713101283
5kg Reel Adaptor (Z)	A plastic reel adaptor for fitting 5kg rolls on portable welders	10129	5012713101290

## Disposable Gas

A wide selection of gas mixes in disposable bottles. CO2 is also available in an economical 600g bottle. All gas is supplied in cases of 12 bottles.

Retail display packs are also available - see next page.

Description - Gas Type	Material	Min. Qty	Bottle Size	Item No.	Barcode Number
CO <sup>2</sup>	Mild Steel	x 12 case	600g	02654	5012713026548
CO <sup>2</sup>	Mild Steel	x 12 case	390g	02658	5012713026586
Argon & CO <sup>2</sup> Mixture	Mild Steel	x 12 case	390g	02657	5012713026579
Argon	Aluminium	x 12 case	390g	02656	5012713026562
Argon & Oxygen Mixture	Stainless Steel	x 12 case	390g	02659	5012713026593



\*may also fit other non SIP torches - please check your torch manual

## 02820 **Advanced Anti-Spatter Spray 400ml**

This unique, water based aerosol spatter release agent, containing no harmful solvents, silicones or oils, prevents spatter adhesion on welding equipment, jigs, work pieces and surfaces.

- Prevents spatter adhesion
- Fine spray pattern for total control & economy use
- No interference with post welding treatments; odourless, non flammable and safe
- Easily wiped away
- Leaves no residue

Barcode Number: 5012713028207



### retail display packs

These welding accessories include retail packaging complete with barcodes. Perfect for displaying in your shop or showroom, allowing you to maximise add-on sales.



### ARC Welding Wire

Description - Electrode Size	Pack Qty	Item No.	Barcode Number
6x 1.6mm • 5x 2.0mm • 2x 2.5mm	13	02689	5012713026890
1.6mm Electrodes	10	02691	5012713026913
2.0 mm Electrodes	10	02692	5012713026920
2.5mm Electrodes	10	02693	5012713026937
3.25mm Electrodes	10	02694	5012713026944

### MIG Welding Wire

Description - Wire Type	Thickness	Reel Size (1 reel per card)	Item No.	Barcode Number
Mild Steel	0.6mm	0.7kg	04000	5012713040001
Mild Steel	0.8mm	0.7kg	04005	5012713040056
Flux Cored (gasless)	0.8mm	0.45kg	04010	5012713040100
Flux Cored (gasless)	0.8mm	Mini	04055	5012713040551
Aluminium Wire	0.8mm	0.5kg	04060	5012713040605
Stainless Steel Wire	0.8mm	0.7kg	04065	5012713040650

### MIG Regulator & Disposable Gas

Description - Gas Type	Compatible with SIP Gas Bottle	Item No.	Barcode Number	
Gas Regulator	02654 • 02656 • 02657 • 02658 • 02659	04030	5012713040308	
Description - Gas Type	Material	Bottle Size (1 per bag)	Item No.	Barcode Number
CO <sup>2</sup>	Mild Steel	600g	04012	5012713040124
CO <sup>2</sup>	Mild Steel	390g	04015	5012713040155
Argon & CO <sup>2</sup> Mixed Pack	Mild Steel	390g	04020	5012713040209
Argon	Aluminium	390g	04025	5012713040254

### Migmate Conversion Kits

Description	Item No.	Barcode Number
Conversion Kit	02782	5012713027828

### MIG Torch Tips & Shrouds

Description	Pack Qty	Suitable for SIP Torch*	Item No.	Barcode Number
Starter Kit	5 x 0.6mm tips • 1 shroud • 1 liner	Pre 2005 • 02795	04050	5012713040506
0.6mm Tips	5 per card	02795	04040	5012713040407
0.8mm Tips	5 per card	02795	04045	5012713040452
MIG Shrouds - General Purpose	2 per card	02795	04035	5012713040353

\*may also fit other non SIP torches - please check your torch manual

# WELDING ACCESSORIES

## Inverter Plasma Cutting Accessories

Inverter plasma torches and cutting spares for your SIP inverter plasma cutter.



05130



05132

### Inverter Plasma Torches

Description	Suitable for SIP Plasma	Item No.	Barcode Number
<b>Central Conductor Type</b>			
N/T HF Torch for Plasma 46 and Welmate Multi P185HF	05175 • 05279	05130	5012713051304
N/T HF Torch with Pilot Arc for Plasma 56 and Plasma 76	05177 • 05179	05132	5012713051328



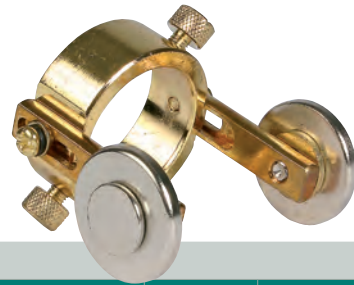
05000



05001  
05002  
05003



05007



05120

### Inverter Plasma Cutting Spares

Description	Suitable for SIP Plasma	Item No.	Barcode Number
<b>Electrode P80</b>	05175 • 05177 • 05179 • 05279	05000	5012713050000
<b>1.1mm P80 Nozzle</b>	05175 • 05177 • 05179 • 05279	05001	5012713050017
<b>1.3mm P80 Nozzle (1 Groove)</b>	05177 • 05179	05002	5012713050024
<b>1.5mm P80 Nozzle (2 Groove)</b>	05179	05003	5012713050031
<b>Ceramic Shield P80</b>	05175 • 05177 • 05179 • 05279	05007	5012713050079
<b>Site Wheel</b>	05179 • 05177	05120	5012713051205

# METALWORKING

## 01308P 14" Abrasive Cut-Off Chop Saw

Cuts all types of ferrous metals

- 0 to 45° mitre facility
- Quick adjustable vice
- Folding head with carry handle
- Complete with abrasive disc

**NEW**  
FROM SIP

trade level ★★

**ABRASIVE DISC INCLUDED**



ITEM NO.	01308
Supply	230v (13amp)
Motor	3hp (2.2KW)
Speed Range	3800rpm
Blade Size	350mm
Bore Size	25.4mm
<b>Cutting Capacity (Round Tube)</b>	
@ 0°	130mm
@ 45°	110mm
<b>Cutting Capacity (Square Box Section)</b>	
@ 0°	120 x 120mm
@ 45°	90 x 90mm
<b>Cutting Capacity (Rectangular Box Section)</b>	
@ 0°	180 x 85mm
@ 45°	100 x 80mm
<b>Cutting Capacity (Angle Iron)</b>	
@ 0°	140 x 140mm
@ 45°	90 x 90mm
Net Weight	15.7kg
Gross Weight	17.7kg
Packaged Dimensions (HxWxL)	450 x 370 x 600mm
Folded Dimensions (HxWxL)	400 x 310 x 525mm
Unfolded Dimensions (HxWxL)	585 x 310 x 525mm
Barcode Number	5013713013081
<b>ACCESSORY</b>	
Replacement Abrasive Disc	06891
Barcode Number	5013713068913