



PRODUCT CATALOGUE

machinery specialists since 1968



WELDING
METALWORK



PROUD PRODUCT
SPONSOR

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BLOODHOUND SSC ENGINEERING ADVENTURE



SIP Industrial Products are incredibly proud to provide multiple product sponsorship for the BLOODHOUND Project, a British-based supersonic car aiming to smash the land speed record in pursuit of 1000mph, with trials already underway. SIP are fully behind this inspiring event.

For more information, visit sip-group.com



PROUD PRODUCT SPONSOR

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WE ARE SIP

SIP Industrial Products...

***Providing our customers with expertise,
quality and choice since 1968***

SIP Industrial Products have become a flagship supplier of high quality equipment and machinery, and even though we're 50 years old, it's a value we have upheld since day one. With that in mind, SIP are proud to supply and service the ever-growing industries of engineering, construction, automotive and agricultural marketplaces, just to name a few.

We've made our name for being renowned specialists in welding/metalwork and compressed air products. Not only have we got a good eye for what makes a good welder or circular saw, but we are constantly researching and developing new products and ranges. All this is backed up by our world-class engineers and technicians in our servicing/technical departments at our Headquarters near Loughborough, Leicestershire.

Despite welding and air compressors/tools being at our forefront, our range has increased exponentially to cater for all of our existing, loyal customers, whilst welcoming new ones. We stock an extensive state-of-the-art range of welders, consumables, compressors and air tools, but we also stock incredible ranges from all sectors - from light trade to heavy industrial use - including, battery starters/chargers, booster packs, automotive equipment, heaters, generators, lighting, pressure washers, water pumps, plus a comprehensive range of woodworking equipment.

SIP Industrial Products is dedicated to making sure you get the right product model for the task at hand, and we will do all in our power to assist you to make the right decision.

Good machines, value and choice make SIP the machinery specialists, just as it was 50 years ago.



1968

SIP Incorporated started selling abrasive discs, cutting blades and metal cutting machines

1976

ARC/MMA production set up in UK and spot welder range launched



1981

SIP established as market leaders in portable ARC/MMA welders

1985

Pioneering portable MIG welder range introduced

1989

Full range of Air Tools launched

1991

Launch of Woodworking range

1992

Launch of Pressure Washer range

1968

1972

Introduced pioneering air cooled ARC/MMA welders introduced into the range

1979

Full range of wheel mounted MIG welders launched

1980



Success leads to new premises located near M1 motorway

1988

20 YEARS of success celebrated

SIP INDUSTRIAL PRODUCTS LIMITED

SIP began life as a small operation selling cut industrial abrasives, circular metal cutting saws and blades to a handful of distributors from two very small units on Radnor Road, Wigston, in the heart of Leicester.

This operation grew and cemented SIP as a respected local firm, and fuelled a period of expansion, which, in turn, allowed SIP to fill empty gaps in the market and give customers everything that they needed.

This is showcased through bringing in outside ARC/MMA welders in to our full range in 1972 - just 4 years into trading. This made the remainder of the 70s very prosperous, and saw the launch of an in-house production of ARC/MMA welders and a new range of wheel-mounted MIG welders. SIP were launching new welders and equipment whilst always at the forefront of technology, and soon added air direct and belt-drive air compressors to their collection in 1977.

The SIP range of ARC/MMA welders established SIP as market leaders and in 1981 - shortly after moving into a new purpose built 65,000ft² plant in Shepshed, Leicestershire, just off J23 of the M1. The company as a whole had become a flagship firm, the go-to for good quality craftsmanship and engineering, and a respected name among merchants, distributors and tradesmen alike.

As well as supplying customers across the UK, SIP soon opened their dedicated department for Export, supplying to the likes of Australia and the U.S. by the end of the 1980s, and into 20 countries worldwide by 1996. During this time,

SIP had expanded their stock range and by the early 1990s, air tools, woodworking machinery and pressure washers had all been added. A further extension in 1994 to their headquarters in Leicestershire meant SIP could grow the business further.

By the turn of the millennium, SIP were already 32 years old, but the next years would prove instrumental to the success of SIP. That very same year, SIP sold their landmark 250,000th welder, and just three years of hard work later, SIP had doubled their customer base.

All this experience sees SIP still at the pinnacle of technology and engineering, and continuing to provide user-friendly, top quality products and an efficient, straightforward after-sales support service. Recent years have included an entire new range of air compressors - the largest in the UK - with a full range of 10,000 spare parts to service and support these and everything else that we stock.

After 50 years, SIP, have not slowed down. This year sees the roll-out of dedicated service vehicles, so we are able to come and visit

the customer on-site to make sure your SIP equipment is performing as it did when it left the factory. It's also seen the launch of SIP's 1000th product!

Continuing on this growth path, SIP will have sold in excess of 5,000,000 products by the end of 2018.

A lot has changed since 1968. Something that has stayed exactly the same is the SIP commitment to manufacturing and supplying machinery and equipment, from welders to lights to booster packs, to people around the UK and worldwide. SIP still take the utmost care and are constantly striving to provide quality, value and choice.

SIP Industrial Products - 50 years and counting!

SIP TIME-LINE

1997

Production of engine driven generators expanded

2002

Woodworking range increased

2003

SIP doubles its number of customers

2010

New advanced range of ProTech Inverter welders launched with extended warranty

2014

Over 10,000 spare parts in stock to serve the range

2018

SIP will have sold in excess of **5,000,000** products in its history



2018.....

1996

SIP sell to over 20 countries worldwide

2000

250,000th welder sold

2009

NEW complete range of air compressors launched - Largest in UK

2013

Launched SIP website and social media

2017

Product sponsorship for THE BLOODHOUND Project, 1000mph speed record attempt

1998

30 YEARS of success celebrated

2008

40 YEARS of success celebrated

2016

1000th SIP product launched. Service vans added for on-site servicing



MMA TRANSFORMER

SIP T141P ARC ITEM NO: 05741

SIP T161P ARC ITEM NO: 05761

SIP T211P ARC ITEM NO: 05721

SIP T251P ARC ITEM NO: 05725

Our portable MMA (ARC) welders are mainly for the serious home-user / tradesman. They offer portability, ease-of-use and convenience at value-for-money prices.

Key Features:

- Double shunt 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.



What's in the box?

MMA Welder, 2 metre welding cable with electrode holder, 2 metre earth cable with earth clamp, hand-held face shield, chipping hammer and wheel kit*

*05721 & 05725



SIP SALES:

Tel: 01509 500500
Fax: 01509 500456
Email: sales@sip-group.com

TECHNICAL / AFTERSALES:

Tel: 01509 500400
Fax: 01509 500456
Email: technical@sip-group.com

MODEL	SIP T141P ARC	SIP T161P-ARC	SIP T211P-ARC	SIP T251P-ARC
PRODUCT CODE	05741	05761	05721	05725
Construction	TRANSFORMER	TRANSFORMER	TRANSFORMER	TRANSFORMER
Input Supply	230 V (13 A)	230 V (16 A)	230 V (20 A) 400 V (10 A)	230 V (20 A) 400 V (10 A)
Output Current MMA/ARC	40 to 115 A AC	45 to 140 A AC	60 to 180 A AC	85 to 200 A AC
Peak Current	140 A	160 A	200 A	250 A
Open Circuit Voltage (OCV)	48 V	50 V	50 V	50 V
Duty Cycle	115 A @ 10%	140 A @ 10%	180 A @ 10%	200 A @ 10%
Electrode Ø	1.6 to 3.2 mm	1.6 to 3.2 mm	2 to 4 mm	2.5 to 5 mm
Weld Thickness	1.5 to 5 mm	1.5 to 6 mm	2 to 8 mm	2 to 9 mm
Power Factor	0.6	0.6	0.6	0.6
Efficiency	42%	42%	46%	45%
Insulation Class	F	F	F	F
Protection	IP21S	IP21S	IP21S	IP21S
Weight	15.5 kg	16.5 kg	21 kg	22.6 kg
Packaged Dimensions	355 x 295 x 515 mm	325 x 285 x 515 mm	325 x 285 x 515 mm	325 x 285 x 515 mm
Barcode Number	5012713057412	5012713057610	5012713057214	5012713057252

SPECIFICATIONS

MMA WELDER-GENERATOR

SIP P180A-DC ITEM NO: 25115

The SIP 180A MMA (ARC) welder generators are constructed from robust & durable materials. Highly portable, this ease-of-use welder is especially suitable for places without electricity. Powered by a 15 HP petrol engine offering longevity and economy, this is an important addition to the SIP range of welding equipment.

Key Features:

- 40 - 190amp DC weld current output range • 180amps @ 60% duty cycle
- 1.6 - 5mm electrode size • 230 V & 110 V power take off
- 1.5 to 8mm approx. weld thickness (mild steel)
- 5.5kW generator rated output • 15 HP petrol engine (unleaded)
- 25 litre fuel tank • AVR (Automatic Voltage Regulator)
- Electric starting and recoil



Generator output



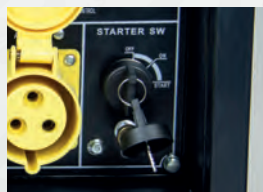
DC welding output



230 V / 110 V
power switch selection



Integrated folding
lifting handles



Electric start



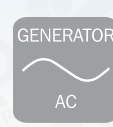
Pull-start



Fuel gauge

A.V.R.

Automatic Voltage Regulator - Run laptops, mobiles and other electronic devices



	ELECTRIC START
MODEL	SIP P180A-DC
PRODUCT CODE	25115
Engine Type	15 HP OHV
Electric Start	✓
Output Current MMA/ARC	40 to 190 A DC
Open Circuit Voltage (OCV)	75 V
Duty Cycle	180 A @ 60%
Electrode Ø	1.6 to 5 mm
Weld Thickness	1.5 to 8 mm
Generator Supply	110 V / 230 V
Generator Output	5.5 KVA
Fuel Tank Capacity	25 Litres
Full Load Run Time	9.5 Hrs
Insulation Class	B
Protection	IP21
Weight	110 kg
Packaged Dimensions	770 x 590 x 585 mm
Barcode Number	5012713251155

SPECIFICATIONS

MMA WELDER-GENERATORS

SIP KP200W-AC ITEM NO: 25167
SIP KP200W-AC E/S ITEM NO: 25168
SIP KP200W-DC ITEM NO: 25170
SIP KP200W-DC E/S ITEM NO: 25171

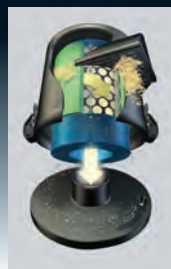
The professional Alleycat petrol range of Welder / Generators have been designed to provide mobile welding and power solutions for a variety of applications. Available in either AC or DC welding output; the DC models are capable of using specialist electrodes for ferrous & non-ferrous metals.

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.

Relentless Power.
 Legendary Performance.

KOHLER®
3 year engine warranty

Quad-Clean™ heavy-duty cyclonic air cleaner
 Engineered for enhanced durability
 Oversized mufflers, steel forged crankshafts and oversized ignition systems
 3 Year engine warranty



Quad-Clean™
 cyclonic air cleaner



AC Generator Output
 (25167, 25168)



AC Generator Output
 (25170, 25171)



AC Welding Output
 (25167, 25168)



DC Welding Output
 (25170, 25171)



Electric Start Option
 (25168, 25171)



Kohler 14 HP OHV
 petrol engine



Kohler Engine Service Kit

Item No.	DESCRIPTION	Barcode Number
04482	Kohler Service Kit for CH440 (9 HP / 14 HP)	5012713044825

MODEL	ELECTRIC START		ELECTRIC START	
	SIP KP200W-AC	SIP KP200W-AC E/S	SIP KP200W-DC	SIP KP200W-DC E/S
PRODUCT CODE	25167	25168	25170	25171
Engine Type	KOHLER 14 HP OHV	KOHLER 14 HP OHV	KOHLER 14 HP OHV	KOHLER 14 HP OHV
Electric Start	x	✓	x	✓
Output Current MMA/ARC	60 to 200 A AC	60 to 200 A AC	50 to 200 A DC	50 to 200 A DC
Open Circuit Voltage (OCV)	45 V - LO 60 V - HI	45 V - LO 60 V - HI	75 V	75 V
Duty Cycle	180 A @ 60%	180 A @ 60%	170 A @ 60%	170 A @ 60%
Electrode Ø	1.6 to 5 mm	1.6 to 5 mm	1.6 to 5 mm	1.6 to 5 mm
Weld Thickness	1.5 to 8 mm	1.5 to 8 mm	1.5 to 8 mm	1.5 to 8 mm
Generator Supply	230 V / 115 V	230 V / 115 V	230 V / 115 V	230 V / 115 V
Generator Output	7 KVA	7 KVA	4 KVA	4 KVA
Fuel Tank Capacity	7.3 Litres	7.3 Litres	7.3 Litres	7.3 Litres
Full Load Run Time	2.8 Hrs	2.8 Hrs	2.8 Hrs	2.8 Hrs
Insulation Class	H	H	H	H
Protection	IP21	IP21	IP21	IP21
Weight	90 kg	90 kg	90 kg	90 kg
Packaged Dimensions	670 x 580 x 1060 mm	670 x 580 x 1060 mm	670 x 580 x 1060 mm	670 x 580 x 1060 mm
Barcode Number	5012713251674	5012713251681	5012713251704	5012713251711

SPECIFICATIONS

MMA WELDER-GENERATORS

SIP HP200W-AC ITEM NO: 25017

SIP HP200W-AC E/S ITEM NO: 25169

SIP HP200W-DC ITEM NO: 25020

SIP HP200W-DC E/S ITEM NO: 25172

The professional Alleycat petrol range of Welder / Generators have been designed to provide mobile welding and power solutions for a variety of applications. Available in either AC or DC welding output; the DC models are capable of using 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 counterbalance shaft reduce engine vibration to an absolute minimum and ensure the smoothest possible running.

POWERED by
HONDA™
3 year engine warranty

3 Year engine warranty

Splash fed oil lubrication system

Low oil shutdown - prevents engine damage

Cast iron cylinder liner

Hot spark electronic ignition



AC Generator Output
(25017, 25169)



AC Generator Output
(25020, 25172)



AC Welding Output
(25017, 25169)



DC Welding Output
(25020, 25172)



Electric Start Option
(25169, 25172)



HONDA GX390
petrol engine

Kohler Engine Service Kit

Item No.	DESCRIPTION	Barcode Number
04498	Honda Service Kit for: GX-340 - GX390	5012713044986

	ELECTRIC START		ELECTRIC START	
	SIP HP200W-AC	SIP HP200W-AC E/S	SIP HP200W-DC	SIP HP200W-DC E/S
MODEL	25017	25169	25020	25172
PRODUCT CODE	HONDA GX390	HONDA GX390	HONDA GX390	HONDA GX390
Engine Type	✓	✓	✗	✓
Output Current MMA/ARC	60 to 200 A AC	60 to 200 A AC	50 to 200 A DC	50 to 200 A DC
Open Circuit Voltage (OCV)	45 V - LO 60 V - HI	45 V - LO 60 V - HI	75 V	75 V
Duty Cycle	180 A @ 60%	180 A @ 60%	170 A @ 60%	170 A @ 60%
Electrode Ø	1.6 to 5 mm	1.6 to 5 mm	1.6 to 5 mm	1.6 to 5 mm
Weld Thickness	1.5 to 8 mm	1.5 to 8 mm	1.5 to 8 mm	1.5 to 8 mm
Generator Supply	230 V / 115 V	230 V / 115 V	230 V / 115 V	230 V / 115 V
Generator Output	7 KVA	7 KVA	4 KVA	4 KVA
Fuel Tank Capacity	7.3 Litres	7.3 Litres	7.3 Litres	7.3 Litres
Full Load Run Time	2.4 Hrs	2.4 Hrs	2.4 Hrs	2.4 Hrs
Insulation Class	H	H	H	H
Protection	IP21	IP21	IP21	IP21
Weight	90 kg	99 kg	90 kg	99 kg
Packaged Dimensions	670 x 580 x 1060 mm	670 x 580 x 1060 mm	670 x 580 x 1060 mm	670 x 580 x 1060 mm
Barcode Number	5012713250172	5012713251698	5012713250202	5012713251728

SPECIFICATIONS

MMA INVERTER

SIP T113 ARC ITEM NO: 05702

SIP T143 ARC ITEM NO: 05704

SIP T183 ARC ITEM NO: 05706

SIP T203 ARC ITEM NO: 05708

SIP's multi-functional range of Inverter Welders provides incredible power and high quality results from remarkably lightweight, but reliable DC power sources.

Generator Friendly and Lightweight. These welders have the latest platform of Inverter Technology and are equipped with:

Key Features:

- VRD (Voltage Reduction Device for added safety)
- Ant-Stick circuitry for ease of operation
- Lift-TIG function ability

What's in the box?

MMA Welder, 2 metre electrode lead and 2 metre earth lead



Easy-to-use control panels



◀ 05704

◀ 05706

◀ 05708

05702 ▶



MODEL	SIP T113 ARC	SIP T143 ARC	SIP T183 ARC	SIP T203 ARC
PRODUCT CODE	05702	05704	05706	05708
Construction	INVERTER	INVERTER	INVERTER	INVERTER
Input Supply	230 V (13 A)	230 V (13 A)	230 V (16 A)	230 V (20 A)
Output Current MMA/ARC	20 to 100 A	20 to 140 A	20 to 180 A	20 to 200 A
Open Circuit Voltage (OCV)	78 V	78 V	72 V	72 V
Duty Cycle	100 A @ 20%	140 A @ 20%	180 A @ 20%	200 A @ 20%
Electrode Ø	1.6 to 2.5 mm	1.6 to 3.2 mm	1.6 to 4 mm	1.6 to 5 mm
Weld Thickness	1.5 to 5 mm	1.5 to 7 mm	1.5 to 8 mm	1.5 to 9 mm
Power Factor	0.65	0.66	0.68	0.69
Efficiency	85%	85%	85%	85%
Insulation Class	H	H	H	H
Protection	IP21S	IP21S	IP21S	IP21S
Weight	4.5 kg	4.5 kg	4.75 kg	4.75 kg
Packaged Dimensions	310 x 210 x 440 mm	310 x 210 x 440 mm	310 x 210 x 440 mm	310 x 210 x 440 mm
Barcode Number	5012713057023	5012713057047	5012713057061	5012713057085

SPECIFICATIONS

SIP HG1400DA ARC ITEM NO: 05711

SIP HG1600DA ARC ITEM NO: 05713

SIP HG2000DA ARC ITEM NO: 05715

SIP HG2600A ARC ITEM NO: 05732

Key Features:

- Digital Display for easy setting of the welding current
- Switchable VRD control
- Very High 60% Duty Cycle
- HG2600A (05732) fitted with **ARC FORCE** control for precise control of the weld pool
- 2 Year Warranty on ALL HG models



Easy-to-use control panels



◀ 05713



◀ 05715



◀ 05732

What's in the box?

MMA Welder, 2 metre electrode lead and 2 metre earth lead

**2 YEAR
WARRANTY**

DIGITAL DISPLAY

MULTIFUNCTION
SWITCH
05711 / 13 / 15

05711

**GENERATOR
FRIENDLY**

Easy-to-use control panels

MODEL	SIP HG1400DA ARC	SIP HG1600DA ARC	SIP HG2000DA ARC	SIP HG2600A ARC
PRODUCT CODE	05711	05713	05715	05732
Construction	INVERTER	INVERTER	INVERTER	INVERTER
Input Supply	230 V (13 A)	230 V (16 A)	230 V (20 A)	230 V (27 A)
Output Current MMA/ARC	20 to 140 A	20 to 160 A	20 to 200 A	20 to 250 A
Open Circuit Voltage (OCV)	69 V	69 V	69 V	80 V
Duty Cycle	140 A @ 60%*	160 A @ 60%*	200 A @ 60%*	250 A @ 60%*
Electrode Ø	1.6 to 3.2 mm	1.6 to 4 mm	1.6 to 4 mm	1.6 to 5 mm
Weld Thickness	1.5 to 7 mm	1.5 to 8 mm	1.5 to 9 mm	1.5 to 10.5 mm
Power Factor	0.75	0.75	0.75	0.75
Efficiency	85%	85%	85%	85%
Insulation Class	H	H	H	H
Protection	IP21S	IP21S	IP21S	IP21S
Weight	4.5 kg	4.5 kg	4.75 kg	6 kg
Packaged Dimensions	310 x 210 x 440 mm	310 x 210 x 440 mm	310 x 210 x 440 mm	310 x 210 x 440 mm
Barcode Number	5012713057115	5012713057139	5012713057153	5012713057320

* Denotes 20°C

SPECIFICATIONS

TIG INVERTER PROFESSIONAL

SIP Hi-TECH RANGE

SIP HG1800 DC TIG Inverter ITEM NO: 05775

Designed with the frequent user in mind, the SIP HG1800 TIG welders produce a stable arc that is capable of producing the highest quality welds.

The High Frequency arc ignition allows easy start up as low from 10A up to 160A making the welder extremely versatile.

This DUAL FUNCTION machine is capable of ARC welding at a "flick of a switch" with anti-stick circuitry for ease of operation.

Key Features:

- Latest platform of Inverter Technology
- IGBT Powered.
- High 60% Duty Cycle
- HF Start
- Generator Friendly & Lightweight
- Digital Display
- Capable of welding Mild Steel, Stainless Steel and Copper



Easy-to-use control panels

What's in the box?

SIP17 TIG torch - 4 metre, 2 metre earth lead, 3 metre gas hose and torch spares kit



**2 YEAR
WARRANTY**



**GENERATOR
FRIENDLY**

**60%
DUTY CYCLE**



Don't forget **ACCESSORIES & CONSUMABLES** See pages 21 to 35

MODEL	SIP HG1800 DC
PRODUCT CODE	05775
Input Supply	230 V (16 A)
TIG	
Output Current	10 to 160 A
Duty Cycle	160 A @ 60%*
ARC/MMA	
Output Current	10 to 140 A
Duty Cycle	140 A @ 60%*
Pulse Facility	✗
Foot Pedal Option	✗
Insulation Class	H
Protection	IP21S
Weight	7.5 kg
Packaged Dimensions	480 x 250 x 480 mm
Barcode Number	5012713057757

* Denotes 20°C

SPECIFICATIONS

SIP SALES:

Tel: 01509 500500
Fax: 01509 500456
Email: sales@sip-group.com

TECHNICAL / AFTERSALES:

Tel: 01509 500400
Fax: 01509 500456
Email: technical@sip-group.com

SIP HG2200P TIG Inverter with Pulse

ITEM NO: 05771

Designed with the frequent user in mind, the SIP HG2200P TIG welder produces a stable arc that is capable of producing the highest quality welds.

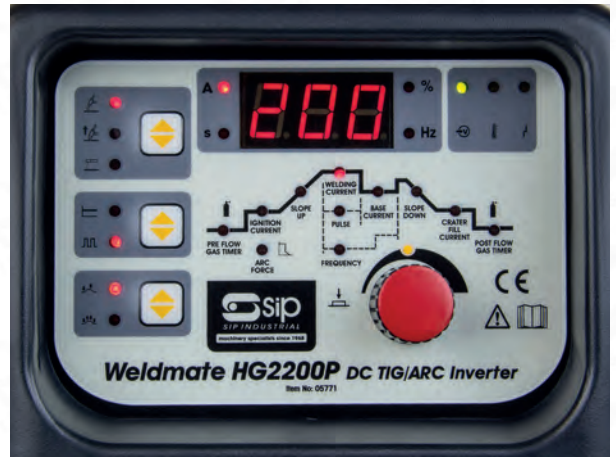
The High Frequency arc ignition allows easy start up from as low as 5A up to 200A making the welder extremely versatile.

Fitted with a switchable TIG PULSE facility the HG2200P is a must for the accomplished welder, creating welds accurately and professionally.

This DUAL FUNCTION inverter welder is capable of ARC welding at a “flick of a switch” with anti-stick circuitry for ease of operation.

Key Features:

- Latest platform of Inverter Technology • IGBT Powered
- Pre & Post Flow Gas Setting • Slope-up / Slope-down Time Adjustment
- Crater-Fill Function • TIG Pulse Facility
- ARC Force Control • High 60% Duty Cycle
- Digital Display • HF Start
- Capable of welding Mild Steel, Stainless Steel & Copper
- Lightweight design



Easy-to-use control panels

What's in the box?

SIP26 TIG torch - 4 metre, 2 metre earth lead, 3 metre gas hose and torch spares kit


**2 YEAR
WARRANTY**

**GENERATOR
FRIENDLY**
**60%
DUTY CYCLE**
**PULSE
FACILITY**


Don't forget **ACCESSORIES & CONSUMABLES** See pages 21 to 35



MODEL	SIP HG2200P TIG
PRODUCT CODE	05771
Input Supply	230 V (16 A)
	TIG
Output Current	5 to 200 A
Duty Cycle	200 A @ 60%*
	ARC/MMA
Output Current	20 to 200 A
Duty Cycle	200 A @ 60%*
Pulse Facility	✓
Foot Pedal Option	✗
Insulation Class	H
Protection	IP21S
Weight	26 kg
Packaged Dimensions	440 x 430 x 600 mm
Barcode Number	5012713051625

* Denotes 20°C

SPECIFICATIONS

SIP P177HF AC/DC TIG Inverter ITEM NO: 05162

The SIP P177AC/DC HF Inverter welder incorporates superb performance at a high duty cycle. The stable arc makes its perfect for a whole of materials including Aluminium .

The range of added features enables a high level of controllability. With HF ARC ignition and a current range starting at 10A up to160A, this machine is versatile producing consistent welds especially on Aluminium with its own AC balance adjustment.

Extra output current control can be achieved by fitting the optional Foot Pedal (05181).

This DUAL FUNCTION inverter welder is capable of ARC welding at a “flick of a switch” with anti-stick circuitry for ease of operation.

Key Features:

- Inverter Technology • High 60% Duty Cycle • HF Start • Pre / Post Flow Gas Timer
- Slope Down Current • AC Balance Control • 2T/4T Trigger Function
- AC/DC Mode Switch • Welds Aluminium, Stainless Steel, Mild Steel & Copper

What's in the box?

SIP26 TIG torch - 4 metre, 2 metre earth lead, 2 metre electrode lead, 3 metre gas hose and torch spares kit



2 YEAR WARRANTY



Don't forget **ACCESSORIES & CONSUMABLES** See pages 21 to 35

GENERATOR FRIENDLY

60% DUTY CYCLE

MODEL	SIP P177HF AC/DC
PRODUCT CODE	05162
Input Supply	230 V (16 A)
Output Current	10 to 160 A
Duty Cycle	160 A @ 60%*
Output Current	10 to 140 A
Duty Cycle	140 A @ 60%*
Foot Pedal Option	✓
Insulation Class	H
Protection	IP21S
Weight	26 kg
Packaged Dimensions	440 x 430 x 600 mm
Barcode Number	5012713051625

* Denotes 20°C

SPECIFICATIONS

SIP HG2500P AC/DC TIG Inverter with Pulse

ITEM NO: 05770

Designed with the professional in mind, the SIP HG2500P AC/DC produces the highest of quality of welds with optimal controllability. Featuring a 9 stage parameter adjustment including Slope-up/Slope-down, pre & post flow gas, AC balance & frequency control.

Benefiting from the latest Inverter IGBT Technology the welder is capable of welding virtually any metals in AC and DC in TIG or MMA mode due to its DUAL FUNCTION feature.

When using square wave AC output together with the TIG PULSE facility productivity can be maximised and heat output minimised. Hence producing high speed quality welds.

HF ARC ignition offers easy starting with a stable arc from 10A up to 200A. Extra output current control can be achieved by fitting the optional Foot Pedal (05701).

Key Features:

- Latest platform of Inverter Technology. • IGBT Powered
- High 60% Duty Cycle • HF Start • Digital Display
- Variable TIG PULSE facility • Variable Frequency Control
- Capable of welding Aluminium, Mild Steel, Stainless Steel and Copper



Easy-to-use control panels

What's in the box?

SIP26 TIG torch - 4 metre,
2 metre earth lead, 3 metre gas hose
and torch spares kit



**2 YEAR
WARRANTY**

**GENERATOR
FRIENDLY**

**60%
DUTY CYCLE**

**PULSE
FACILITY**



AC TIG flat welding, Aluminium alloy



Don't forget **ACCESSORIES & CONSUMABLES** See pages 21 to 35

MODEL	SIP HG2500P AC/DC
PRODUCT CODE	05770
Input Supply	230 V (16 A)
	TIG
Output Current	10 to 200 A AC / 5 - 200 A DC
Duty Cycle	200 A @ 60%*
	ARC/MMA
Output Current	5 to 170 A
Duty Cycle	130 A @ 60%*
Pulse Facility	✓
Foot Pedal Option	✓
Insulation Class	H
Protection	IP21S
Weight	25 kg
Packaged Dimensions	655 x 325 x 445 mm
Barcode Number	50127130057702

* Denotes 20°C

SPECIFICATIONS

MIG TRANSFORMER

SIP T126 MIG Gasless ITEM NO: 05710

SIP MIG welder for the serious home user / tradesman. 125 A peak current, welds 1.2 - 4.0mm steel. Portable with ease-of-use operation & convenience at a value-for-money price.

The welder is turbo fan cooled for increased performance and comes ready to use in gasless mode.

What's in the box?

1.8 metre MIG torch, earth lead, hand held face shield, contact tip, wire brush, 0.2 kg flux cored MIG wire



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

05710 ▶

SIP T136 MIG Gas/Gasless ITEM NO: 05736

Portable MIG welder for the serious home user / tradesman. Can be used off a 230 V domestic supply. 135 A peak current, welds, 0.7 to 5.4 mm steel. 4 power settings, easy to use, convenience at value-for-money price.

The welder is turbo fan cooled for increased performance and comes ready to use in gasless mode.

05736 ▶

SIP T166 MIG Gas/Gasless ITEM NO: 05756

SIP powerful & portable MIG welder for the serious home user / tradesman. 6 power settings, 165 A peak current and welds 0.7 to 6.2 mm steel. This value-for-money price welder is turbo fan cooled for increased performance and comes ready to use in gasless mode.

What's in the box? (05736 & 05756)

1.8 metre MIG torch, earth lead, hand held face shield, contact tip, wire brush, 0.2 KG flux cored MIG wire and gas bottle brackets



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

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

**MIG WIRE
GAS REGULATOR
GAS BOTTLE
ADAPTOR 02742**

See pages 24 - 25 for our range of accessories and consumables



SIP SALES:

Tel: 01509 500500
Fax: 01509 500456
Email: sales@sip-group.com

TECHNICAL / AFTERSALES:

Tel: 01509 500400
Fax: 01509 500456
Email: technical@sip-group.com

MODEL	SIP T126 MIG GASLESS	SIP T136 MIG GAS/GASLESS	SIP T166 MIG GAS/GASLESS
PRODUCT CODE	05710	05736	05756
Construction	SWITCHED TRANSFORMER	SWITCHED TRANSFORMER	SWITCHED TRANSFORMER
Input Supply	230 V (13 A)	230 V (13 A)	230 V (16 A)
Output Current	60 to 90 A	30 to 80 A	30 to 105 A
Peak Current	125 A	135 A	165 A
Welding Volt Range	17 to 18.5 V	15.5 to 18 V	15.5 to 19.25 V
Welding Volt Steps	2	4	6
Duty Cycle	90 A @ 20%	80 A @ 20%	105 A @ 20%
Max. Wire Speed	14 m/min	16 m/min	16 m/min
Wire Size	0.8 to 0.9 mm	0.6 to 0.8 mm	0.6 to 0.8 mm
Insulation Class	H	H	H
Protection	IP21S	IP21S	IP21S
Weight	16 kg	20 kg	25.8 kg
Packaged Dimensions	360 x 225 x 410 mm	375 x 305 x 630 mm	375 x 305 x 630 mm
Barcode Number	5012713057108	5012713057368	5012713057566

SPECIFICATIONS

MIG TRANSFORMER

SIP 180ST MIG ITEM NO: 05718

SIP 210ST MIG ITEM NO: 05720

SIP 250ST MIG ITEM NO: 05722

These heavy duty MIG transformer welders combine excellent quality, durability and value-for-money. Their dual purpose, gas/gasless operation, welders give maximum versatility.

Key Features:

- Heavy duty 2 roll metal wire feed system
- Welds Mild steel, Aluminium and Stainless steel in GAS mode
- Welds Mild Steel in GASLESS mode
- 30A low current performance for bodywork panels
- Turbo fan cooled for increased duty cycle
- Accept 5kg (200mm) and 15kg (300mm) wire spools / reels
- Wheel mounted design with integrated bottle carrier
- 12 months warranty

* Regulator (09026) and gas fittings (10944 / 10945) required.

Contact SIP for details

What's in the box?

05718 & 05720

MB15 torch - 3 metre, 2.1 metre earth lead, 3 metre gas hose and contact tip

What's in the box?

05722

MB25 torch - 3 metre, 2.1 metre earth lead, 3 metre gas hose and contact tip



MIG



Integrated large gas bottle carrier



Easy-to-use control panel



All units feature a high quality 2 roll all-metal wire feed mechanism

MODEL	SIP 180ST MIG	SIP 210ST MIG	SIP 250ST MIG
PRODUCT CODE	05718	05720	05722
Construction	SWITCHED TRANSFORMER	SWITCHED TRANSFORMER	SWITCHED TRANSFORMER
Input Supply	230 V (25 A)	230 V (35 A)	230 V (38 A)
Output Current	30 to 145 A	30 to 175 A	30 to 210 A
Peak Current	180 A	210 A	250 A
Welding Volt Range	15.5 to 21.25 V	15.5 to 22.75 V	15.5 to 24.5 V
Welding Volt Steps	6	6	6
Duty Cycle	145 A @ 15%	175 A @ 15%	210 A @ 15%
Max. Wire Speed	14 m/min	16 m/min	16 m/min
Wire Size	0.6 to 1 mm	0.6 to 1 mm	0.6 to 1 mm
Insulation Class	H	H	H
Protection	IP21S	IP21S	IP21S
Weight	51.5 kg	52 kg	53 kg
Packaged Dimensions	815 x 500 x 950 mm	815 x 500 x 950 mm	815 x 500 x 950 mm
Barcode Number	5012713057184	5012713057207	5012713057221

SPECIFICATIONS

MIG INVERTER PROFESSIONAL

SIP Hi-TECH RANGE

SIP HG2300MP MIG/ARC/TIG Inverter ITEM NO: 05773

This versatile Multi-Process welder takes full advantage of the latest Inverter Technology.

The lightweight construction makes it perfect for workshop and site use.

The MIG, ARC & TIG functions all benefit from the extremely stable DC welding current making the machine "user friendly".

With a high "Duty Cycle" and robust case this welder is a must for the professional. Equipped with dual Digital Display, & infinitely variable weld controls.

Key Features:

- 230v Single Phase • IGBT Inverter Technology
- Multi-Process • Heavy Duty 2 Roll Wire Feed Assembly
- Gas/Gasless Capability • Euro torch connection
- 0.6mm - 1.0mm Wire

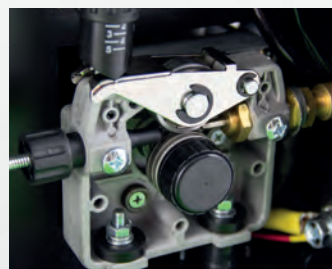
What's in the box?

MB15 torch - 3 metre, 3 metre earth lead, 3 metre electrode lead, gas hose, hand-held face mask, chipping hammer, 0.2kg 0.8mm flux cored wire, 0.6mm, 0.9mm and 1mm contact tips.



**2 YEAR
WARRANTY**

GENERATOR FRIENDLY 50% DUTY CYCLE MULTI PROCESS



All MIG units feature a high quality wire feed mechanism



Easy-to-use control panels



MODEL	SIP HG2300MP		
PRODUCT CODE	05773		
Supply	230 V (16 A)		
Process	MIG	TIG	MMA
Output Volts	15.5 to 24 V	10.8 to 18 V	21.2 to 26.8 V
Output Current	30 to 200 A	20 to 200 A	30 to 170 A
Duty Cycle	200 A @ 50%	200 A @ 50%	170 A @ 50%
Wire Size	0.6 to 1 mm		
Electrode Ø	1.6 to 4 mm		
Insulation Class	H		
Protection	IP21S		
Weight	14.5 kg		
Packaged Dimensions (HxWxL)	585 x 330 x 485 mm		
Barcode Number	5012713057733		

SPECIFICATIONS

SIP HG2400 MIG Inverter ITEM NO: 05769**SIP HG3000 MIG Inverter** ITEM NO: 05772**SIP HG3003 MIG Inverter** ITEM NO: 05774

The compact design of the SIP Inverter MIG welders are built to withstand the high demands and rugged requirements for industry.

High build quality, 60% Duty Cycles and ultra smooth performance are synonymous with SIP HG welders.

All machines are Dual Function (MIG & ARC) and Dual Purpose Gas/Gasless.

Fitted with a heavy duty 4 roll wire feed motor assembly, individual burn-back and inductance controls.

Key Features:

- IGBT Inverter Technology • 4 Roll Wire Feed • 60% Duty Cycle • Euro torch connection
- Dual Function / Dual Purpose • Infinitely Variable weld control
- Generator Friendly

What's in the box?

MB25 torch - 3 metre, 3 metre earth lead, gas hose, 0.6mm and 1mm contact tips.



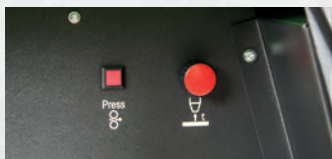
**2 YEAR
WARRANTY**



Easy-to-read control panel



Heavy duty 4-roller wire feed



Inching button and burn-back control



Integrated large
gas bottle carrier

**GENERATOR
FRIENDLY**

**60%
DUTY CYCLE**

MODEL	SIP HG2400 MIG	SIP HG3000 MIG	SIP HG3003 MIG
PRODUCT CODE	05769	05772	05774
Construction	INVERTER	INVERTER	INVERTER
Input Supply	230 V (30 A)	230 V (43 A)	400 V (12 A)
	MIG	MIG	MIG
Output Current	50 to 200 A	50 to 250 A	50 to 250 A
Duty Cycle	200 A @ 60%	250 A @ 60%	250 A @ 60%
	ARC/MMA	ARC/MMA	ARC/MMA
Output Current	30 to 200 A	30 to 200 A	30 to 250 A
Duty Cycle	200 A @ 60%	200 A @ 60%	250 A @ 60%
Welding Volt Range	16.5 to 26.5 V	16.5 to 26.5 V	16.6 to 26.5 V
Welding Volt Steps	Infinitely Variable	Infinitely Variable	Infinitely Variable
Max. Wire Speed	20 m/min	20 m/min	20 m/min
Wire Size	0.8 to 1 mm	0.8 to 1 mm	0.8 to 1 mm
Insulation Class	H	H	H
Protection	IP21S	IP21S	IP21S
Weight	28 kg	31 kg	31 kg
Packaged Dimensions	810 x 510 x 950 mm	945 x 495 x 810 mm	945 x 495 x 810 mm
Barcode Number	5012713057696	5012713057726	5012713057740

MIG INVERTER PROFESSIONAL

SIP Hi-TECH RANGE

SIP HG4500 MIG Inverter ITEM NO: 05776

The design of the SIP HG4500 offers versatility in the industrial workplace.

The welder is fitted with a separate 4 roll wire feed. Supplied with a 5 metre interconnecting harness the wire feed can be used remotely.

The machine uses the latest IGBT Inverter Technology and can be used in standard Manual MIG or Synergic MIG.

The wire speed and welding control can both be adjusted from the wire feed unit.

Key Features:

- Manual MIG / Synergic MIG Modes
- Heavy Duty 4 roll wire feed & motor
- 60% Duty Cycle
- IGBT Inverter Technology
- Dual Display
- Dual Function (MIG/ARC) and Dual Purpose (Gas/Gasless)
- Infinitely Variable weld control with individual burn-back and inductance controls.

What's in the box?

MB36x 4 metre Torch, 3 metre earth lead, 5 metre Interconnecting Harness, 1 set 0.8 / 1.0 mm feed rolls, 1 set 1.2 / 1.6 mm feed rolls & 1x 1.2 mm contact tip.



Easy-to-use touch pad control panel, for quick weld parameter set up

DIGITAL SYNERGIC

"Synergic control" allows for the welding voltage and wire feed speed to be adjusted Synonymously; i.e. by using one control knob.

DIGITAL
SYNERGIC



2 YEAR
WARRANTY

GENERATOR
FRIENDLY

60%
DUTY CYCLE



MIG power and wire speed control



15 KG wire spool capacity



Heavy duty 4-roller wire feed (separate unit)



MODEL	SIP HG4500 MIG
PRODUCT CODE	05776
Construction	INVERTER
Input Supply	400 V (20 A)
	MIG
Output Current	40 to 350 A
Duty Cycle	350 A @ 60%
	ARC/MMA
Output Current	30 to 350 A
Duty Cycle	350 A @ 60%
Welding Volt Range	16 to 26.5 V
Welding Volt Steps	Infinitely Variable
Max. Wire Speed	20 m/min
Wire Size	0.8 to 1.2 mm
Insulation Class	H
Protection	IP21S
Weight	71 kg
Packaged Dimensions	1510 x 470 x 1210 mm
Barcode Number	5012713057764

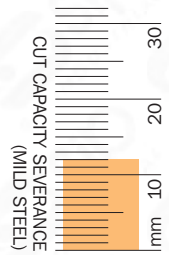
SPECIFICATIONS

SIP HG400 Plasma Inverter ITEM NO: 05785

- Lightweight and portable design
- 15 - 40 A output
- 12 mm max cut (steel)

What's in the box?

P80 Torch x 6 metre (connected), earth lead (connected), air filter regulator and torch consumables accessory kit

**2 YEAR WARRANTY**

MODEL	SIP HG400 PLASMA
PRODUCT CODE	05785
Input Supply	230 V (16 A)
Torch	P80 Wired-in
Output Current	20 to 40 A
Duty Cycle	40 A @ 60%
Output Settings	Infinitely Variable
Air Pressure	4.4 BAR
Air Capacity	100 Ltr/min
Capacity - Quality Cut	10 mm
Capacity - Severance	12 mm
Insulation Class	F
Protection	IP21S
Weight	9.8 kg
Packaged Dimensions	480 x 250 x 480 mm
Barcode Number	5012713057856

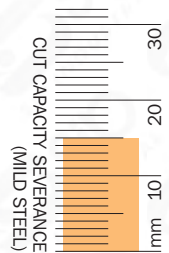
SPECIFICATIONS

SIP HG500 Plasma Inverter ITEM NO: 05787

- Lightweight and portable design
- 15 - 50 A output
- 15 mm max cut (steel)

What's in the box?

P80 torch x 6 metre (central connector), earth lead, air filter regulator and torch consumables accessory kit

**2 YEAR WARRANTY**

MODEL	SIP HG500 PLASMA
PRODUCT CODE	05787
Input Supply	230 V (20 A)
Torch	P80
Output Current	20 to 50 A
Duty Cycle	50 A @ 60%
Output Settings	Infinitely Variable
Air Pressure	4.4 BAR
Air Capacity	100 Ltr/min
Capacity - Quality Cut	12 mm
Capacity - Severance	15 mm
Insulation Class	F
Protection	IP21S
Weight	10 kg
Packaged Dimensions	480 x 250 x 480 mm
Barcode Number	5012713057870

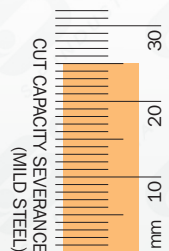
SPECIFICATIONS

SIP Plasma 77 Inverter ITEM NO: 05183

- Powerful 3 phase machine
- 20 - 70 A output
- 25 mm max cut (steel)

What's in the box?

P80 Pilot Torch x 6 metre (central connector), earth lead, air filter regulator and torch consumables accessory kit

**2 YEAR WARRANTY**

MODEL	SIP PLASMA 77
PRODUCT CODE	05183
Input Supply	400 V (11 A)
Torch	P80
Output Current	20 to 70 A
Duty Cycle	70 A @ 60%
Output Settings	Infinitely Variable
Air Pressure	4.4 BAR
Air Capacity	180 Ltr/min
Capacity - Quality Cut	20 mm
Capacity - Severance	25 mm
Insulation Class	F
Protection	IP21S
Weight	21 kg
Packaged Dimensions	450 x 375 x 655 mm
Barcode Number	5012713051830

SPECIFICATIONS

MULTI-PROCESS INVERTER

SIP Hi-TECH RANGE

SIP Multi P185HF Plasma/ARC/TIG Inverter

ITEM NO: 05279

Unique to SIP, the Multi P185 features 3 processes in one machine; Plasma Cutting, ARC Welding & TIG Welding.

This powerful and versatile machine is fantastic value-for-money offering welding & cutting without investing in stand alone machines.

Key Features:

- 230v Single Phase • Lightweight & Portable • Plasma, TIG & ARC Functions
- Inverter Technology • Infinitely Variable Output

2 YEAR WARRANTY



MODEL	SIP MULTI P185HF		
PRODUCT CODE	05279		
Supply	230 V (16 A)		
Process	PLASMA	TIG	MMA
Output Volts	250 V	65 V	65 V
Output Current	20 to 40 A	15 to 160 A	15 to 160 A
Duty Cycle	40 A @ 60%	160 A @ 60%	160 A @ 60%
Electrode Ø	1.6 to 3.2 mm		
Insulation Class	H		
Protection	IP22S		
Weight	13.4 kg		
Packaged Dimensions (HxWxL)	440 x 218 x 335 mm		
Barcode Number	5012713052795		

SPECIFICATIONS

What's in the box?

SIP17 torch - 4 metre c/w central connector, P80 Plasma Torch - 6 metre c/w central connector, ARC welding electrode holder, earth lead and air filter regulator

GENERATOR FRIENDLY

MULTI PROCESS

SPOT WELD

SIP 25 KVA Pneumatic Column Spot Welder

ITEM NO: 25113

The SIP25CSW spot welder with pneumatic pedal control features a digital electronic controller with a 5 step welding sequence; Weld Current 1, Weld Time 1, Forge / Hold Time, Weld Current 2, Weld Time 2.

Simple to use control single or double weld pulses for increased control when welding oxidised, galvanised, stainless and coated steels.

Adjustable tip pressure, variable arm speed, adjustable throat depth and electrode adjustment.

Supplied with fitted pneumatic foot pedal and "water cooling ready" electrode holders **

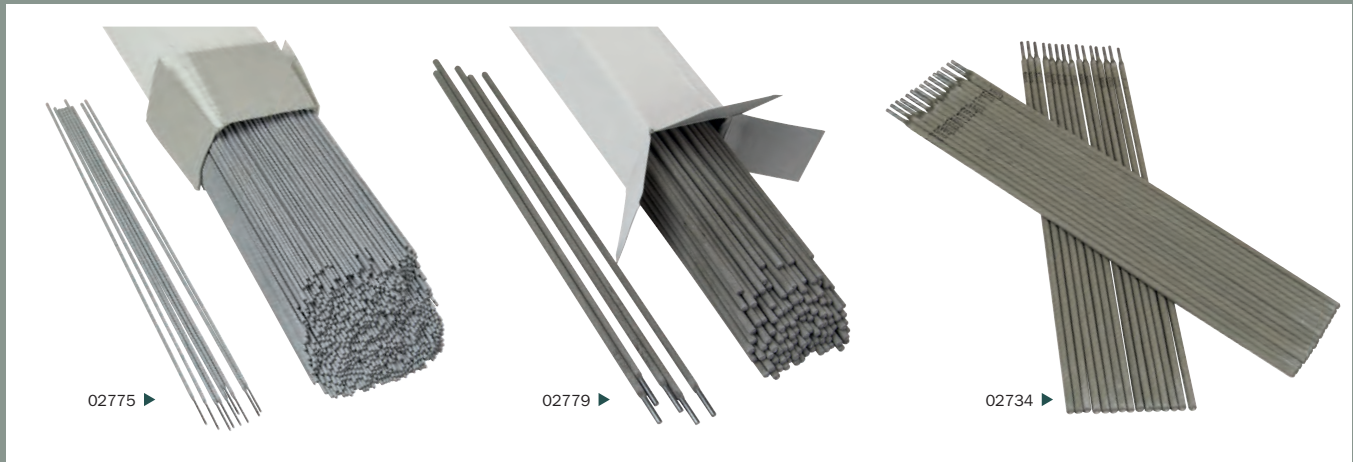
Optional electrodes, arm lengths & electrode holder sizes available.

**Water cooler optional extra

MODEL	SIP 25KVA PNEUMATIC COLUMN SPOT WELDER		
PRODUCT CODE	25113		
Supply	400 V 1PH (50 A)		
Max. Welding Power	50 KVA		
Duty Cycle @ 50%	25 KVA		
Welding Capacity	MILD STEEL		
	5 + 5 mm (flat) / 20 + 20 mm (bar)		
	STAINLESS STEEL		
	3 + 3 mm (flat) / 12 + 12 mm (bar)		
No Load Voltage	1.4 V		
Short Circuit Current	13.8 KA		
Max. Electrode Force	204 kgF @ 340 mm / 140 kgF @ 450 mm		
Electrode Throat	100 mm		
Distance Between Arms	200 mm (Standard) / 320 mm (Optional)		
Arms Length	340 to 480 mm (Standard) / 200 to 1000 mm (Optional)		
Arms Ø	45 mm		
Electrode Holder Ø	25 mm		
Electrode Ø	20 mm		
Noise Level	<70 dB		
Air Pressure	4.8 Bar		
Water Flow Rate	4 Ltr/min		
Weight	178 kg		
Packaged Dimensions	1280 x 450 x 1050 mm		
Barcode Number	5012713251131		

SPECIFICATIONS





MMA Welding Electrodes

SIP Code	DESCRIPTION	Pack Weight	Barcode Number
02775	1.6 mm (mild steel general purpose - 6013)	5 kg	5012713027750
02776	2 mm (mild steel general purpose - 6013)	5 kg	5012713027767
02777	2.5 mm (mild steel general purpose - 6013)	5 kg	5012713027774
02778	3.25 mm (mild steel general purpose - 6013)	5 kg	5012713027781
02779	4 mm (mild steel general purpose - 6013)	5 kg	5012713027798
02732	2.5 mm (mild steel general purpose - 6013)	1 kg	5012713027323
02734	3.2 mm (mild steel general purpose - 6013)	1 kg	5012713027347

Top quality general-purpose MMA welding electrodes - suitable for mild steel (type 6013). supplied in 5 kg & 1 kg packs for convenience and superb value for money.



MMA Welding Electrodes - Display Packs

SIP Code	DESCRIPTION	Barcode Number
02691	DIY Display Pack Electrodes (6x 1.6 mm)	5012713026913
02692	DIY Display Pack Electrodes (5x 2 mm)	5012713026920
02693	DIY Display Pack Electrodes (4x 2.5 mm)	5012713026937
02694	DIY Display Pack Electrodes (10x 3.2 mm)	5012713026944
02689	DIY Display Combination Pack Electrodes (6x 3.2 mm, 5x 2mm, 4x 3.2 mm)	5012713026890

A comprehensive range of MMA welding electrodes in retail packaging complete with barcodes. Perfect for displaying in your shop or showroom, allowing you to maximise add-on sales.

SIP CONSUMABLES & ACCESSORIES



MMA Electrode Holders

SIP Code	DESCRIPTION	Barcode Number
02700	Electrode Holder 200A	5012713027002
02715	Electrode Holder 300A	5012713027156
02720	Electrode Holder 400A	5012713027200
02725	Electrode Holder 500A	5012713027255
02744	Electrode Holder 400A - Twist Type	5012713027446



MMA Earth Clamps

SIP Code	DESCRIPTION	Barcode Number
02747	Earth Clamp 200A	5012713027477
02743	Earth Clamp 400A	5012713027439
02750	Earth Clamp 600A Cast Brass Screw Type	5012713521272

SIP CONSUMABLES & ACCESSORIES

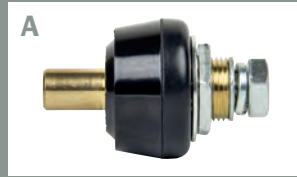


A - Dinse Cable Plug

SIP Code	DESCRIPTION	Barcode Number
10262	10 - 25mm ² (cable size), 65mm (length), 150A	5012713102624
10258	35 - 50mm ² (cable size), 105mm (length), 315A	5012713102587

B - Dinse Cable Socket / Coupler

10253	10 - 25mm ² (cable size), 65mm (length), 200A	5012713102532
10254	35 - 50mm ² (cable size), 105mm (length), 315A	5012713102549



A - Dinse Panel Mounted Plug

SIP Code	DESCRIPTION	Barcode Number
10518	35 - 50mm ² (cable size), 315A 30mm (panel cut out) 42mm (outside diameter)	5012713105182

B - Dinse Panel Mounted Socket

10261	10 - 25mm ² (cable size), 200A 20mm (panel cut out) 32mm (outside diameter)	5012713102617
10484	35 - 50mm ² (cable size), 315A 20mm (panel cut out) 42mm (outside diameter)	5012713104840

MMA Welding Accessory Kits

SIP Code	CONNECTOR TYPE	MAX. OUTPUT	CABLE Ø	ELECTRODE CABLE	EARTH CABLE	Barcode Number
05100	Small Dinse Plug	190 amp	16 mm ²	2 metre	2 metre	5012713051007
05108	Small Dinse Plug	300 amp	35 mm ²	3 metre	3 metre	5012713051083
05105	Large Dinse Plug	225 amp	25 mm ²	2 metre	2 metre	5012713051052
05110	Large Dinse Plug	300 amp	35 mm ²	3 metre	3 metre	5012713051106
02660	Large Dinse Plug	400 amp	20 mm ²	3 metre	3 metre	5012713026609
02674	Large Dinse Plug	500 amp	70 mm ²	3 metre	3 metre	5012713026746

Highest quality to ensure maximum performance when used in conjunction with SIP equipment.
ALL KITS COMPRISE: Cables, earth clamps, electrode holder, face mask, combination chipping hammer/wire brush.



MMA/ARC Welding Earth Leads

SIP Code	CONNECTOR TYPE	MAX. OUTPUT	CABLE Ø	CABLE LENGTH	Barcode Number
WE07-00037	Small Dinse Plug	160 amp	16 mm ²	2 metre	5012713000371
WE02-00145	Small Dinse Plug	200 amp	25 mm ²	3 metre	5012713001453
WE01-00164	Large Dinse Plug	250 amp	35 mm ²	3 metre	5012713001644
WE01-00165	Large Dinse Plug	350 amp	50 mm ²	3 metre	5012713001651



MMA/ARC Welding Electrode Leads

SIP Code	CONNECTOR TYPE	MAX. OUTPUT	CABLE Ø	ELECTRODE CABLE	Barcode Number
WE07-00036	Small Dinse Plug	160 amp	16 mm ²	2 metre	5012713000364
10227	Small Dinse Plug	200 amp	25 mm ²	5 metre	5012713102273
10230	Large Dinse Plug	200 amp	25 mm ²	5 metre	5012713102303
10233	Large Dinse Plug	400 amp	50 mm ²	5 metre	5012713102334



SIP CONSUMABLES & ACCESSORIES

MIG Welding

A comprehensive range of MIG welding consumables are available from SIP, making your choice of welder and accessories a smooth and easy experience.

MIG Torch Shrouds

SIP Code	DESCRIPTION	Bore	Barcode Number
09086	SIP 15 Conical Shroud	12 mm	5012713090860
02684	SIP 15 Cylindrical Shroud	16 mm	5012713026845
02697	SIP 25 Conical Shroud	10 mm	5012713026975
09120	SIP 36 Conical Shroud	20 mm	5012713091201
RETAIL DISPLAY PACK			
04035	Migmate Shrouds General Purpose (2 per pack)		5012713040353

MIG Contact Tips

SIP Code	DESCRIPTION	Barcode Number
A SIP 15 TIPS		
09070	0.6 mm M6	5012713090709
09080	0.8 mm M6	5012713090808
09075	1.0 mm M6	5012713090754
B SIP 25 TIPS / SIP 36 TIPS		
09070	0.6 mm M6	5012713090709
09077	0.8 mm M6	5012713090778
09078	1.0 mm M6	5012713090785
02653	1.2 mm M6	5012713026531
C SIP 36 TIPS		
09088	0.8 mm M8	5012713090884
09081	1.0 mm M8	5012713090815
09092	1.2 mm M8	5012713090921
09079	1.6 mm M8	5012713090792
RETAIL DISPLAY PACKS		
04040	SIP 15 TIPS, 0.6 mm (5 per pack)	5012713040407
04045	SIP 15 TIPS, 0.8 mm (5 per pack)	5012713040452

MIG Torch Tip Adaptors & Diffusers

SIP Code	DESCRIPTION	Barcode Number
09317	SIP 15 TIP Adaptor/Diffuser	5012713093175
09103	SIP 25 TIP Adaptor/Diffuser	5012713091034
09339	SIP 36 TIP Adaptor/Diffuser - M6	5012713093397
09106	SIP 36 TIP Adaptor/Diffuser - M8	5012713091065
09115	SIP 36 Diffuser - White	5012713091157

MIG Torch Liners

SIP Code	DESCRIPTION	Length	Barcode Number
02676	Steel liner, blue plastic covered 0.6 mm / 0.9 mm	3 metre	5012713026760
02975	Steel liner, red plastic covered 1 mm / 1.2 mm	3 metre	5012713029754
02973	Steel liner, red plastic covered 1 mm / 1.2 mm	4 metre	5012713029730
09151	Steel liner, yellow plastic covered 1.2 mm / 1.6 mm	4 metre	5012713091515
02971	Teflon liner 1 mm / 1.2 mm	3 metre	5012713029716
02977	Teflon liner 1 mm / 1.2 mm	4 metre	5012713091737

09086 ►



02684 ►



02697 ►



09120 ►



09080 ►



09070 ►



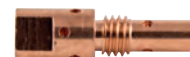
09088 ►



09317 ►



09103 ►



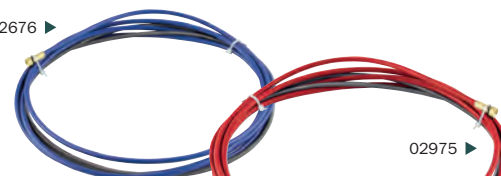
09339
09106 ►



09115 ►



02676 ►



02975 ►

02977 ►



SIP CONSUMABLES & ACCESSORIES

MIG Welding Wire

SIP Code	DESCRIPTION	Spool Size	Barcode Number
02668	0.6 mm, mild steel	15 kg	5012713026685
02671	0.8 mm, mild steel	1dx5 kg	5012713026715
02681	1.0 mm, mild steel	15 kg	5012713026814
02673	1.2 mm, mild steel	15 kg	5012713026739
02666	0.6 mm, mild steel	5 kg	5012713026661
02669	0.8 mm, mild steel	5 kg	5012713026692
02706	0.8 mm, Flux Cored Gasless	4.5 kg	5012713027064
MINI REELS			
02661	0.6 mm, mild steel	0.7 kg	5012713026616
02662	0.8 mm, mild steel	0.7 kg	5012713026623
02663	0.8 mm, aluminium	0.5 kg	5012713026630
02664	0.8 mm, stainless steel	0.7 kg	5012713026647
02705	0.8 mm, Flux Cored Gasless	0.227 kg	5012713027057
02679	0.8 mm, Flux Cored Gasless	0.45 kg	5012713026791
02678	0.8 mm, Flux Cored Gasless	0.9 kg	5012713026784
RETAIL DISPLAY PACKS			
04000	0.6 mm, mild steel	0.7 kg	5012713040001
04005	0.8 mm, mild steel	0.7 kg	5012713040056
04010	0.8 mm, Flux Cored Gasless	0.45 kg	5012713040100
04055	0.8 mm, Flux Cored Gasless	0.227 kg	5012713040551
04060	0.8 mm, aluminium	0.5 kg	5012713040605
04065	0.8 mm, stainless steel	0.7 kg	5012713040650



MIG Disposable Gas Bottles

SIP Code	DESCRIPTION	Min. Qty.	Size	Barcode Number
02654	CO ₂	x 12 case	600 g	5012713026548
02658	CO ₂	x 12 case	390 g	5012713026586
02657	Argon / CO ₂ Mixture	x 12 case	390 g	5012713026579
02656	Argon	x 12 case	390 g	5012713026562
02659	Argon / O ₂ Mixture	x 12 case	390 g	5012713026593



Supplied as
x 12 bottles to a case



GAS Regulators & Accessories

SIP Code	DESCRIPTION	Barcode Number
09017	Gas Regulator for Disposable Bottles	5012713090174
04030	Gas Regulator for Disposable Bottles (Display Packaging)	5012713040308
09026	Argon Gas Regulator 2 Gauge Single, Stage Gas Regulator	5012713090266
02782	MIG Conversion Kit	5012713027828
07616	8mm Braided Gas Hose	5012713076161
07619	6mm Braided Gas Hose	5012713076191



SIP CONSUMABLES & ACCESSORIES

SIP15 MIG Welding Torch - 05502 (3 metre cable)

NOZZLES

	SIP Code	DESCRIPTION	Barcode Number
A	09086	Conical Shroud	5012713090860
	02684	Cylindrical Shrouds	5012713026845
	02696	Spot Shroud	5012713026968

CONTACT TIPS

B	09070	0.6 mm Contact Tip M6	5012713090709
	09080	0.8 mm Contact Tip M6	5012713090808
	09075	1.0 mm Contact Tip M6	5012713090754

LINERS

C	02676	Blue Steel Liner (3 metre)	5012713026760
	02971	Teflon Liner (3 metre)	5012713029716

For use with SIP Welders: 05718, 05720, 05773.
HELVi welder: 25189.

COMPONENTS

	SIP Code	DESCRIPTION	Barcode Number
1	09084	Shroud Spring	5012713090846
2	09317	Tip Adaptor/Diffuser	5012713093175
3	02711	Swan Neck	5012713027118
4	09326	Handle Locator	5012713093267
5	02972	Handle	5012713029723
6	09332	Trigger	5012713093328
7	09328	Liner Nut	5012713093281

SIP25 MIG Welding Torch - 05505 (3 metre cable) / 05510 (4 metre cable)

NOZZLES

	SIP Code	DESCRIPTION	Barcode Number
A	02697	Conical Shroud	5012713026975

CONTACT TIPS

B	09070	0.6 mm Contact Tip M6	5012713090709
	09077	0.8 mm Contact Tip M6	5012713090778
	09078	1.0 mm Contact Tip M6	5012713090785
	02653	1.2 mm Contact Tip M6	5012713062531

LINERS

C	02975	Red Steel Liner (3 metre)	5012713029754
	02973	Red Steel Liner (4 metre)	5012713091737
	09173	Teflon Liner (4 metre)	5012713091737

05505 (3 metre)- for use with SIP welders: 05722, 05769, 05772, 05774.
HELVi welders: 25190, 25191, 25192, 25193.

05510 (4 metre) - for use with SIP welders: 05769, 05772, 05774.
HELVi welders: 25190, 25191, 25192, 25193.

COMPONENTS

	SIP Code	DESCRIPTION	Barcode Number
1	09103	Tip Adaptor/Diffuser	5012713091034
2	09322	Shroud Spring	5012713093229
3	09320	Swan Neck	5012713093205
4	09326	Handle Locator	5012713093267
5	02972	Handle	5012713029723
6	09332	Trigger	5012713093328
7	09328	Liner Nut	5012713093281

SIP36 MIG Welding Torch - 05515 (4 metre cable)

NOZZLES

	SIP Code	DESCRIPTION	Barcode Number
A	09120	Conical Shroud	5012713091201

CONTACT TIPS

B	09070	0.6 mm Contact Tip M6	5012713090709
	09077	0.8 mm Contact Tip M6	5012713090778
	09078	1.0 mm Contact Tip M6	5012713090785
	02653	1.2 mm Contact Tip M6	5012713026531
	09088	0.8 mm Contact Tip M6	5012713090884
	09081	1.0 mm Contact Tip M6	5012713090815
	09092	1.2 mm Contact Tip M6	5012713090921
	09079	1.6 mm Contact Tip M6	5012713090792

LINERS

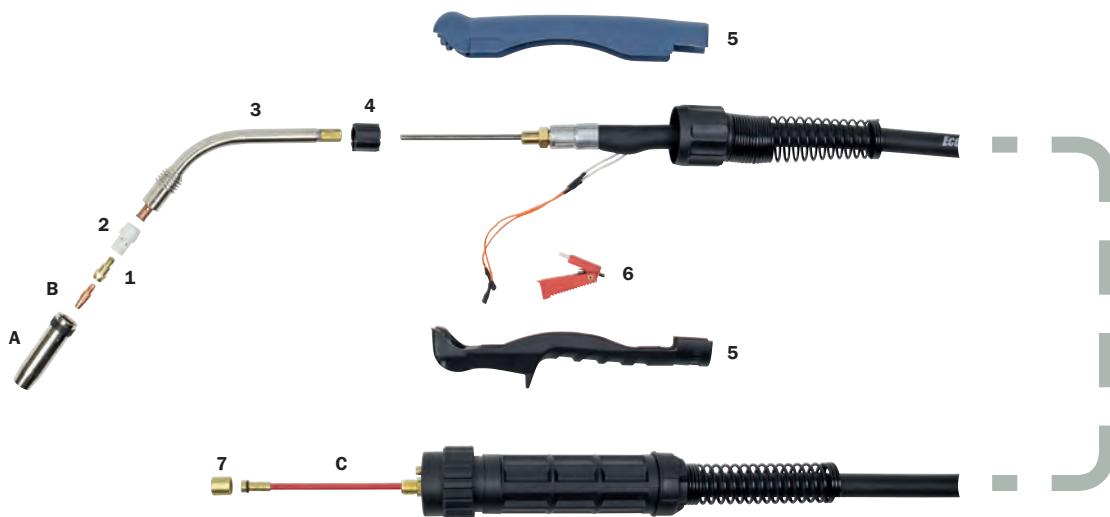
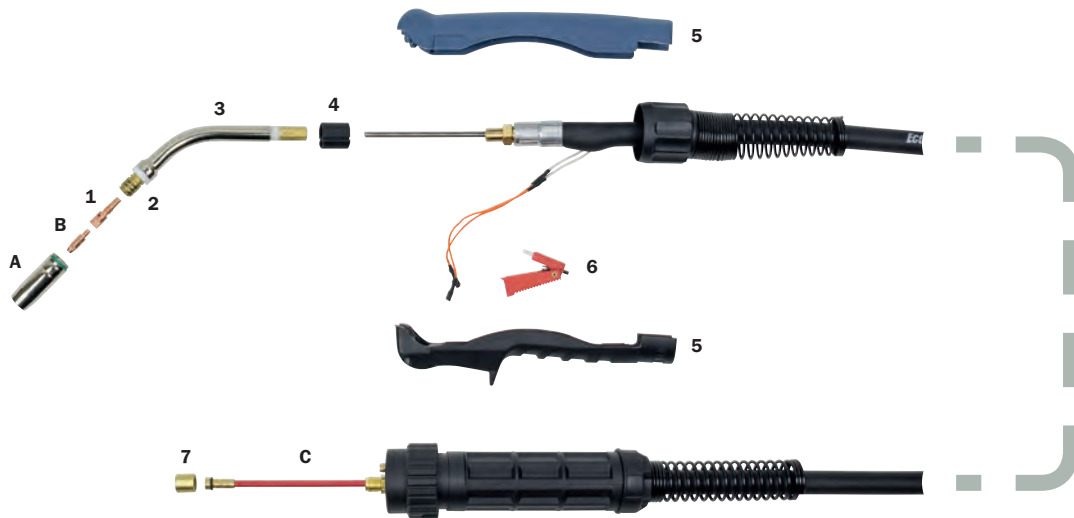
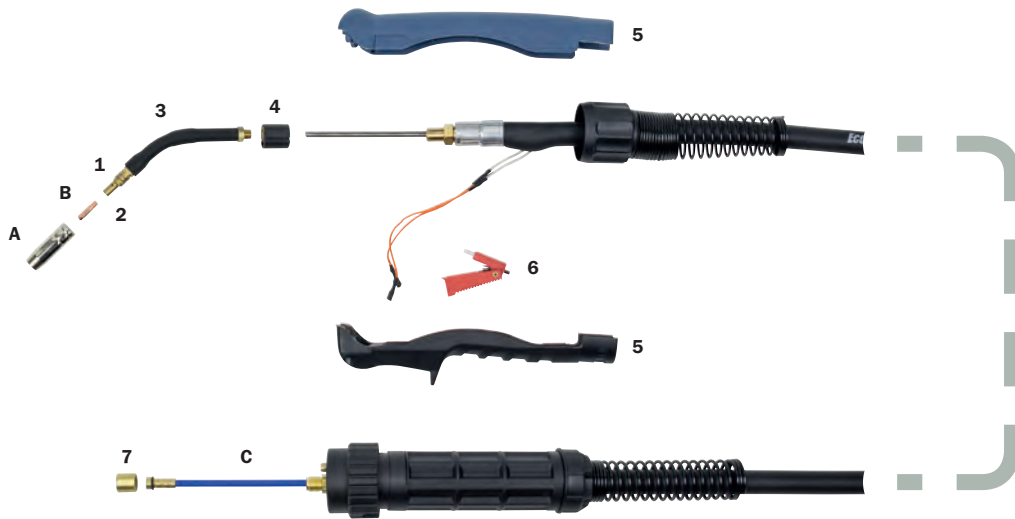
C	02973	Red Steel Liner (4 metre)	5012713029730
	09151	Yellow Steel Liner (4 metre)	5012713091515
	09173	Teflon Liner (4 metre)	5012713091737

For use with SIP welder: 05776.
HELVi welders: 25194, 25195, 25161, 25162, 25163.

COMPONENTS

	SIP Code	DESCRIPTION	Barcode Number
1	09106	Tip Adaptor M8	5012713091065
1	09399	Tip Adaptor M6	5012713093991
2	09115	Diffuser	5012713091157
3	09335	Swan Neck	5012713093359
4	09326	Handle Locator	5012713093267
5	09324	Handle	5012713093243
6	09332	Trigger	5012713093328
7	09328	Liner Nut	5012713093281

SIP CONSUMABLES & ACCESSORIES



SIP CONSUMABLES & ACCESSORIES

TIG Torch Ceramics

	SIP Code	DESCRIPTION	BORE	Barcode Number
A - WP17 / 18 / 26 CERAMIC SHIELD				
	15058	10N48 Ceramic	10 mm	5012713150588
	15073	10N47 Ceramic	11 mm	5012713150731
	15057	10N46 Ceramic	13 mm	5012713150571
	15071	10N45 Ceramic	16 mm	5012713150717



TIG Torch Collets & Collet Bodies

	SIP Code	DESCRIPTION	BORE	Barcode Number
B - WP17 / 18 / 26 STANDARD COLLET				
	15051	10N22	1.0 mm	5012713150519
	15052	10N23	1.6 mm	5012713150526
	15053	10N24	2.4 mm	5012713150533
	15078	10N25	3.2 mm	5012713150786
C - WP17 / 18 / 26 STANDARD COLLET BODY				
	15054	10N30	1.0 mm	5012713150540
	15055	10N31	1.6 mm	5012713150557
	15056	10N32	2.4 mm	5012713150564
	15079	10N28	3.2 mm	5012713150793



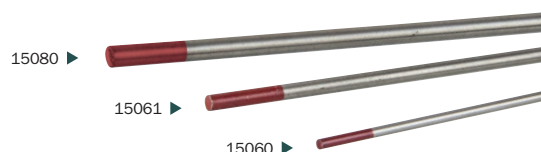
TIG Torch Back Caps

	SIP Code	DESCRIPTION	Barcode Number
D	05146	WP17 / 18 / 26 Short Back Cap	5012713051465
D	05147	WP17 / 18 / 26 Medium Back Cap	5012713051472
D	05148	WP17 / 18 / 26 Long Back Cap	5012713051489



TIG 'RED' TIPS (2% Thoriated Tungstens)

SIP Code	DESCRIPTION	Barcode Number
15060	1.6 mm x 150 mm	5012713150601
15061	2.4 mm x 150 mm	5012713150618
15080	3.2 mm x 150mm	5012713150809



TIG 'WHITE' TIPS (0.9% Zirconiated Tungstens)

SIP Code	DESCRIPTION	Barcode Number
15072	Z 1.6 mm x 150 mm	5012713150724
15063	Z 2.4 mm x 150 mm	5012713150632
15065	Z 3.2 mm x 150 mm	5012713150656



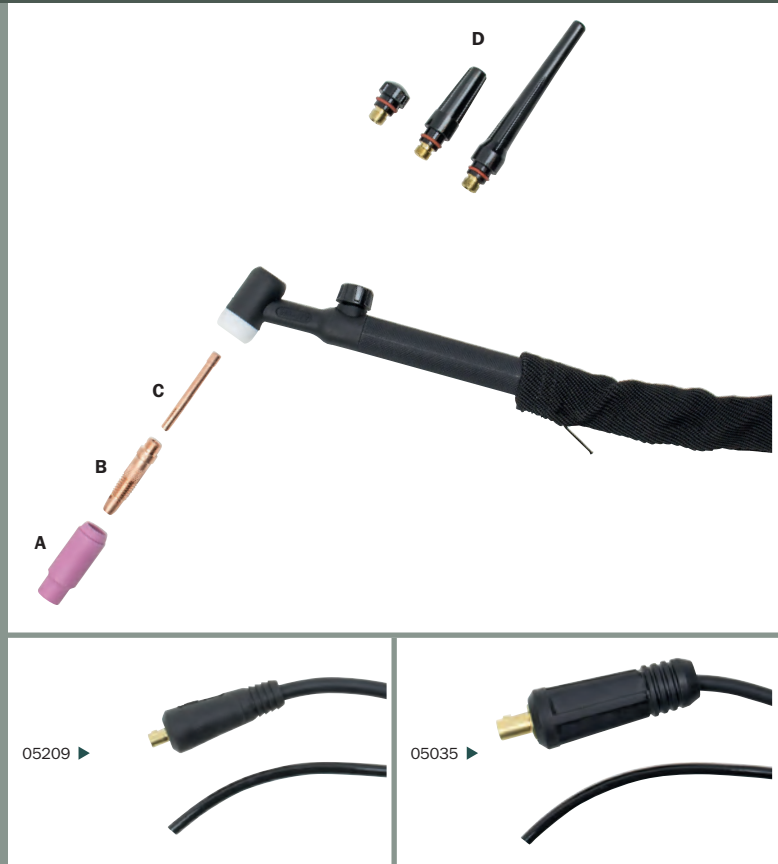
SIP CONSUMABLES & ACCESSORIES

SIP17V TIG Torch with Gas Valve x 4 metre - 05029 (small dinse) / 05035 (large dinse)

	SIP Code	DESCRIPTION	Barcode Number
STANDARD CERAMIC NOZZLES			
A	15058	10 mm Ceramic 10N48	5012713150588
	15073	11 mm Ceramic 10N47	5012713150731
	15057	13 mm Ceramic 10N46	5012713150571
	15071	16 mm Ceramic 10N45	5012713150717
COLLET BODY			
B	15054	1.0 mm Body 10N30	5012713150540
	15055	1.6 mm Body 10N31	5012713150557
	15056	2.4 mm Body 10N32	5012713150564
	15079	3.2 mm Body 10N28	5012713150793
COLLETS			
C	15051	1.0 mm Collet 10N22	5012713150519
	15052	1.6 mm Collet 10N23	5012713150526
	15053	2.4 mm Collet 10N24	5012713150533
	15078	3.2 mm Collet 10N25	5012713150786
BACK CAPS			
D	05146	Short Back Cap	5012713150465
	05147	Medium Back Cap	5012713150472
	05148	Long Back Cap	5012713150489

05029 (small dinse) - for use with: 05702, 05704, 05706, 05708, 05711, 05713, 05773.

05035 (large dinse) - for use with: 05730, 05732.



SIP17 TIG Torch c/w 3-pin Plug x 4 metre - 05018

	SIP Code	DESCRIPTION	Barcode Number
STANDARD CERAMIC NOZZLES			
A	15058	10mm Ceramic 10N48	5012713150588
	15073	11mm Ceramic 10N47	5012713150731
	15057	13mm Ceramic 10N46	5012713150571
	15071	16mm Ceramic 10N45	5012713150717
COLLET BODY			
B	15054	1.0mm Body 10N30	5012713150540
	15055	1.6mm Body 10N31	5012713150557
	15056	2.4mm Body 10N32	5012713150564
	15079	3.2mm Body 10N28	5012713150793
COLLETS			
C	15051	1.0mm Collet 10N22	5012713150519
	15052	1.6mm Collet 10N23	5012713150526
	15053	2.4mm Collet 10N24	5012713150533
	15078	3.2mm Collet 10N25	5012713150786
BACK CAPS			
D	05146	Short Back Cap	5012713150465
	05147	Medium Back Cap	5012713150472
	05148	Long Back Cap	5012713150489
MICROSWITCH PLUG			
E	15086	3 Pin Plug	5012713150861
GAS FITTING			
F	15100	Gas Bayonet Push-Fit	5012713151004

For use with: 05775.



SIP CONSUMABLES & ACCESSORIES

SIP17 TIG Torch c/w one piece power cable - 05008

STANDARD CERAMIC NOZZLES			
SIP CODE	DESCRIPTION	Barcode Number	
A 15058	10mm Ceramic 10N48	5012713150588	
15073	11mm Ceramic 10N47	5012713150731	
15057	13mm Ceramic 10N46	5012713150571	
15071	16mm Ceramic 10N45	5012713150717	
COLLET BODY			
B 15054	1.0mm Body 10N30	5012713150540	
15055	1.6mm Body 10N31	5012713150557	
15056	2.4mm Body 10N32	5012713150564	
15079	3.2mm Body 10N28	5012713150793	
COLLETS			
C 15051	1.0mm Collet 10N22	5012713150519	
15052	1.6mm Collet 10N23	5012713150526	
15053	2.4mm Collet 10N24	5012713150533	
15078	3.2mm Collet 10N25	5012713150786	
BACK CAPS			
D 05146	Short Back Cap	5012713150465	
05147	Medium Back Cap	5012713150472	
05148	Long Back Cap	5012713150489	
MICROSWITCH PLUG			
E 05028	3 Pin Plastic Plug	5012713050284	

For use with: 05162.

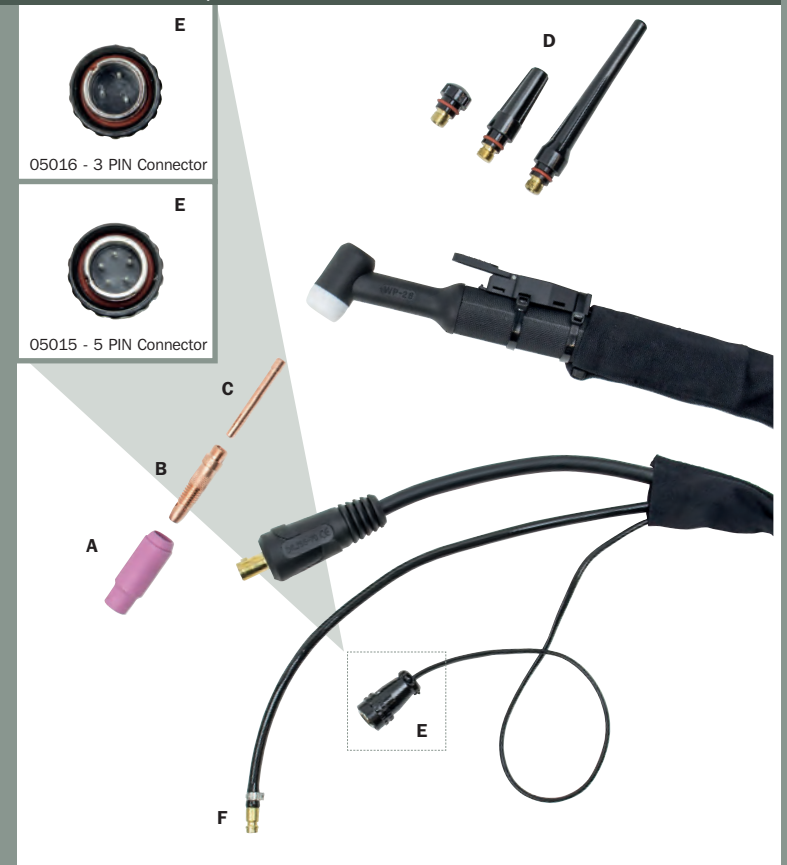


SIP26 TIG Torch x 4 metre - 05016 (3-pin connector) / 05015 (5-pin connector)

STANDARD CERAMIC NOZZLES			
SIP CODE	DESCRIPTION	Barcode Number	
A 15058	10mm Ceramic 10N48	5012713150588	
15073	11mm Ceramic 10N47	5012713150731	
15057	13mm Ceramic 10N46	5012713150571	
15071	16mm Ceramic 10N45	5012713150717	
COLLET BODY			
B 15054	1.0mm Body 10N30	5012713150540	
15055	1.6mm Body 10N31	5012713150557	
15056	2.4mm Body 10N32	5012713150564	
15079	3.2mm Body 10N28	5012713150793	
COLLETS			
C 15051	1.0mm Collet 10N22	5012713150519	
15052	1.6mm Collet 10N23	5012713150526	
15053	2.4mm Collet 10N24	5012713150533	
15078	3.2mm Collet 10N25	5012713150786	
BACK CAPS			
D 05146	Short Back Cap	5012713150465	
05147	Medium Back Cap	5012713150472	
05148	Long Back Cap	5012713150489	
MICROSWITCH PLUG			
E 15086	3 Pin Plug	5012713150861	
15082	5 Pin Plug	5012713150823	
GAS FITTING			
F 15100	Gas Bayonet Push-Fit	5012713151004	

05016 (3 pin) - for use with: 05771.

05015 (5 pin) - for use with: 05770.



SIP CONSUMABLES & ACCESSORIES

SIP P80 Plasma Torch x 6 metre without central connector - 05123

	SIP Code	DESCRIPTION	Barcode Number
CERAMIC SHIELDS			
A	05007	Standard Ceramic Shield	5012713050079
CUTTING TIPS			
B	05001	1.1mm Cutting Tip / Nozzle	5012713050017
	05002	1.3mm Cutting Tip / Nozzle	5012713050024
	05003	1.5mm Cutting Tip / Nozzle	5012713050031
ELECTRODES			
C	05000	Standard Electrode	5012713050000

For use with: 05785.



SIP P80 Plasma Torch x 6 metre c/w central connector - 05127

	SIP Code	DESCRIPTION	Barcode Number
CERAMIC SHIELDS			
A	05007	Standard Ceramic Shield	5012713050079
CUTTING TIPS			
B	05001	1.1mm Cutting Tip / Nozzle	5012713050017
	05002	1.3mm Cutting Tip / Nozzle	5012713050024
	05003	1.5mm Cutting Tip / Nozzle	5012713050031
ELECTRODES			
C	05000	Standard Electrode	5012713050000
GUIDE WHEEL			
D	05120	Guide Wheel	5012713051205

For use with: 05787.



SIP P80 Plasma Torch x 6 metre c/w central connector - 05130

SIP P80 Plasma Torch x 6 metre Pilot ARC c/w central connector - 05132

	SIP Code	DESCRIPTION	Barcode Number
CERAMIC SHIELDS			
A	05007	Standard Ceramic Shield	5012713050079
CUTTING TIPS			
B	05001	1.1mm Cutting Tip / Nozzle	5012713050017
	05002	1.3mm Cutting Tip / Nozzle	5012713050024
	05003	1.5mm Cutting Tip / Nozzle	5012713050031
ELECTRODES			
C	05000	Standard Electrode	5012713050000
GUIDE WHEEL			
D	05120	Guide Wheel	5012713051205

05130 - for use with: 05279.

05132 - for use with: 05183.



SIP CONSUMABLES & ACCESSORIES

Hand Protection

Item No.	DESCRIPTION	Barcode Number
04146	DeLuxe Welding Gauntlets	5012713041466

Spark Protection - PPE

Item No.	DESCRIPTION	Barcode Number
25112	Leather Welding Gauntlets & Apron	5012713251179

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



Welding Grips & Clamps

Item No.	DESCRIPTION	Barcode Number
09205	Welding Grips Set of 3 (5", 7" and 10")	5012713092055
09530	Welding Clamps Set of 3 8" Bending Clamp, 9" Welding Clamp 11" Locking 'C' Clamp	5012713095308

Manufactured to offer maximum quality and optimum performance these welding grips and clamps allow visibility and easy access, holding metal securely in position prior to welding.



Welding Angle Clamps

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

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

Cast iron construction

Copper plated spindle for spatter protection

Sliding 'T' Handle

Oblong holes for easy fixing to workbench or machine tool table



EXACT ALIGNMENT OF
STEEL STRUCTURES



WELDING 'T' JOINTS
ON SQUARE TUBE



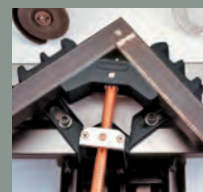
WELDING 'T' JOINTS
ON ROUND TUBE



SAFE HOLDING OF
STEEL PLATES



GRINDING AND SEAMS
ON ANGLED JOINTS



FIXING OF IRON FOR
MITRE JOINT

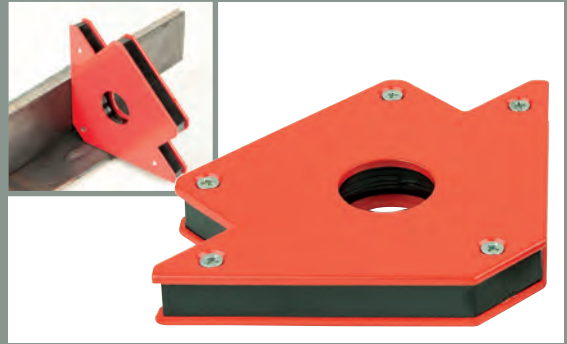


SIP CONSUMABLES & ACCESSORIES

Magnetic Holders

Item No.	DESCRIPTION	Barcode Number
09510	'M' Model up to 45lbs weight capacity	5012713095100
09520	'L' Model up to 80lbs weight capacity	5012713095209

Securely holds the workpiece whilst welding.



Chipping Hammer

Item No.	DESCRIPTION	Barcode Number
02709	Spring Handled Chipping Hammer - 265mm long	50127130027095



Advanced Anti-Spatter Spray

Item No.	DESCRIPTION	Barcode Number
02820	Anti-Spatter Spray - 400ml Can	5012713028207

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 of use

No interference with post welding treatments; odourless, non-flammable and safe

Leaves no residue



Control Pedals

Item No.	DESCRIPTION	Barcode Number
05181	Foot Control Pedal - for use with 05162	5012713051816
05701	Foot Control Pedal - for use with 05770	5012713057702

Provides the user with hands-free power output control whilst welding.



Three Tier Welding Cart

Item No.	DESCRIPTION	Barcode Number
05700	Welding Cart	50127130057009

Suitable for SIP machines: 05183, 05279, 05702, 05704, 05706, 05708, 05726, 05728, 05730, 05732, 05770, 05771, 05773, 05775, 05785 and 05787.

Holds larger size gas bottles to help reduce welding costs

Sturdy all-metal construction

Wheel mounted



SIP CONSUMABLES & ACCESSORIES

SIP Flip-Top Welding Headshield

ITEM NO: 02846

Professional wrap-a-round welding headshield
Easy action flip-top viewing lens
Allows hands-free welding
Adjustable padded headband
Exceptional comfort and convenience
Lightweight durable construction

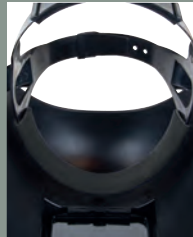
EASY ACTION
FLIP-TOP VIEWING



FULL HEADBAND
ADJUSTMENT



PADDED HEADBAND FOR
ADDED COMFORT



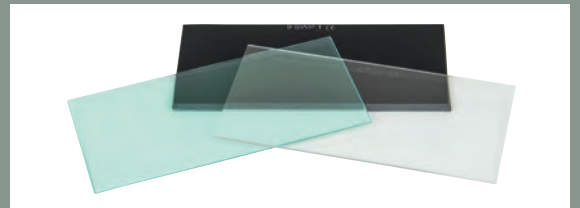
SIP Replacement Flip-Top Welding Lens Set

ITEM NO: 02888

For Flip-Top Headshield (02846)

Comprises: Protective Lens, Shade 10 Lens, Back Lens

Barcode Number: 5012713028825



SIP Meteor 2185 Electronic Welding Headshield

ITEM NO: 02883

9 - 13 SHADE for ARC / MIG / TIG welding

4 SHADE for grinding

3/10,000s light to dark response time - protects eyes from sudden arc

Side mounted dial for shade control

2x light sensors

Test button - checks that headshield is functioning correctly

Solar panel powered by 1x Lithium CR2450 3V battery with low power warning light

Adjustable padded headband for external comfort

Lightweight construction - weighs only 0.48kg

Barcode Number: 5012713028832

2 LIGHT SENSORS



SIDE MOUNTED SHADE
CONTROL DIAL



ADJUSTABLE PADDED
HEADBAND



SIP Meteor 2300 Electronic Welding Headshield ITEM NO: 02884

Adjustable WELD / CUT / GRIND mode settings:
 9 - 13 SHADE for ARC / MIG / TIG welding
 5 - 9 SHADE for PLASMA cutting
 4 SHADE for Grinding
 1/10,000s light to dark response time protects eyes from sudden arc
 4x light sensors
 Large viewing area
 Test button - checks that headshield is functioning correctly
 Solar panel powered by 2x Lithium CR2450 3V batteries with low power warning light
 Adjustable padded headband for external comfort
 Lightweight construction - weighs only 0.5kg
 Barcode Number: 5012713028849

4 LIGHT SENSORS



FULLY ADJUSTABLE SHADE SETTINGS



TEST BUTTON FUNCTION



SIP Meteor 2300F Electronic Welding Headshield ITEM NO: 02886

Striking and distinctive flame design
 Adjustable WELD / CUT / GRIND mode settings:
 9 - 13 SHADE for ARC / MIG / TIG welding
 5 - 9 SHADE for PLASMA cutting
 4 SHADE for Grinding
 1/10,000s light to dark response time protects eyes from sudden arc
 4x light sensors
 Large viewing area
 Test button - checks that headshield is functioning correctly
 Solar panel powered by 2x Lithium CR2450 3V batteries with low power warning light
 Adjustable padded headband for external comfort
 Lightweight construction - weighs only 0.5kg
 Barcode Number: 5012713028863

4 LIGHT SENSORS



FULLY ADJUSTABLE SHADE SETTINGS

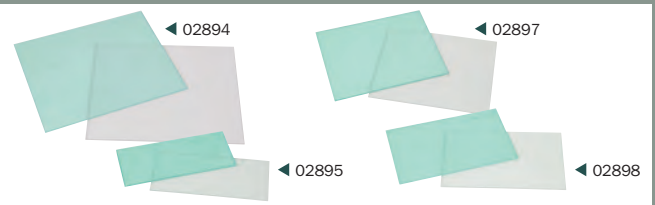


TEST BUTTON FUNCTION



Welding Headshield Accessories

Item No.	DESCRIPTION	Barcode Number
02894	Front Cover Lens for 02883	5012713028948
02895	Back Cover Lens for 02883	5012713028955
02897	Front Cover Lens for 02884, 02886	5012713028979
02898	Back Cover Lens for 02884, 02886	5012713028986



METAL WORKING

SIP 14" Abrasive Cut-Off Saw - 230 V ITEM NO: 01308P

SIP 14" Abrasive Cut-Off Saw - 110 V ITEM NO: 01315P

Cuts all types of ferrous metals.

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

**Abrasive
Disc
Included**

MODEL	SIP 14" ABRASIVE CHOP SAW	
PRODUCT CODE	01308P (230 V)	01315P (110 V)
Input Supply	230 V (13 A)	110 V (25 A)
Motor Power	3.2 HP (2.4 kW)	2.6 HP (2 kW)
Drive	DIRECT	DIRECT
Blade Speeds	1	1
Blade Speed Range	3800 RPM	3800 RPM
Blade Size	350 Ø x 2.5 x 25.4 (Bore) mm	350 Ø x 2.5 x 25.4 (Bore) mm
Cutting Capacity @ 90°		
	Ø 130 mm	Ø 130 mm
	180 x 85 mm	180 x 85 mm
	120 x 120 mm	120 x 120 mm
	90 x 90 mm	90 x 90 mm
Cutting Capacity @ 45°		
	Ø 110 mm	Ø 110 mm
	100 x 80 mm	100 x 80 mm
	90 x 90 mm	90 x 90 mm
	90 x 90 mm	90 x 90 mm
Net Weight	15.7 kg	15.7 kg
Gross Weight	17.7 kg	17.7 kg
Packaged Dimensions	450 x 370 x 600 mm	450 x 370 x 600 mm
Barcode Number	5012713013081	5012713013159

SPECIFICATIONS



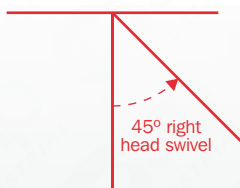
SIP 6" Swivel Metal Cutting Bandsaw ITEM NO: 07288

The 6" metal cutting bandsaw is powered by a 550w (1hp) induction motor and is ideally suited for general workshop use.

- Swivel arm for cutting angles between 0° & 45°
- Cast iron bow for reduced vibration & accuracy
- Limit switch to stop machine when cutting is complete
- Blade Included

**0.75 HP
(550W)
Heavy Duty
Motor**

3 Speeds



MODEL	SIP 6" METAL CUTTING BANDSAW	
PRODUCT CODE	07288	
Input Supply	230 V (13 A) 1 ph	
Swivel	✓	
Motor Power	0.75 HP (550 W)	
Drive	V-BELT	
Blade Speeds	3	
Blade Speed Range	20 / 30 / 50 m/min	
Blade Size	1638 x 0.65 x 13 mm	
Coolant System	✗	
Cutting Capacity @ 90°		
	Ø 110 mm	110 x 150 mm
Cutting Capacity @ 45°		
	Ø 100 mm	85 x 85 mm
Net Weight	N/A	
Gross Weight	74 kg	
Packaged Dimensions	500 x 410 x 965 mm	
Barcode Number	5012713072880	

SPECIFICATIONS



Swivel Arm mitre 0° to 45°

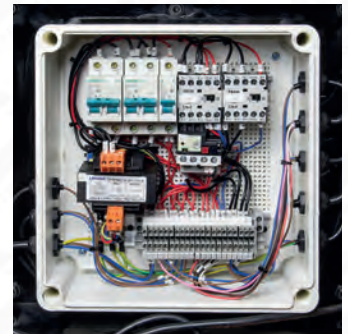
SIP 8" Swivel Metal Cutting Bandsaw ITEM NO: 01593

This 8" metal cutting bandsaw is powered by a 1.1kW (1.5hp) and is ideally suited to general workshop use

- Adjustable vice for cutting mitre angles between 0° and 45°.
- Cast iron bow for reduced vibration and accuracy.
- Limit switch to stop machine when cutting is complete.
- Built in coolant system for efficient cutting and enabling prolonged saw blade life.
- Blade included.



Swivel Arm mitre 0° to 45°



24 V control circuit

45° right head swivel

**1.5 HP (1.1kW)
Heavy Duty
Motor**

4 Speeds

METAL
WORKING

SPECIFICATIONS



ITEM NO.	DESCRIPTION	SUITABLE FOR SIP ITEM*	BARCODE NUMBER
07788	MCB Blade - 1638 x 13 x 0.65 mm 14TPI	07288	5012713077885
07730	MCB Blade - 2362 x 19 x 0.9 mm 8TPI	01593 / 94 / 95	5012713077304
01419	MCB Blade - 3280 x 27 x 0.90 mm M42 4/6TPI	01597	5012713014194
01429	MCB Blade - 3280 x 27 x 0.90 mm 8TPI	01597	5012713014293

* may also fit non-SIP saws, please check your user manual

MODEL	SIP 8" METAL CUTTING BANDSAW
PRODUCT CODE	01593
Input Supply	230 V - 1 ph
Swivel	✓
Motor Power	1.5 HP (1.1 kW)
Drive	V-BELT
Blade Speeds	4
Blade Speed Range	22 / 33 / 45/ 65 m/min
Blade Size	2362 x 0.9 x 19 mm
Coolant System	✓
Cutting Capacity @ 90°	Ø 178 mm 178 x 210 mm
Cutting Capacity @ 45°	Ø 127 mm 85 x 140 mm
Net Weight	170 kg
Gross Weight	192 kg
Packaged Dimensions	1290 x 730 x 1150 mm
Barcode Number	5012713015931

METAL WORKING

SIP 12" Metal Cutting Bandsaw - 1ph

ITEM NO: 01594

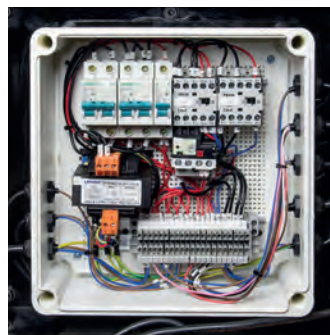
SIP 12" Metal Cutting Bandsaw - 3ph

ITEM NO: 01595

This heavy duty 12" Metal Cutting Bandsaw from SIP has many features. The cast iron bow improves accuracy and reduces vibration and 4 cutting speeds can be selected for work piece cutting. The wheels allow the bandsaw to be easily moved from job to job.

It's perfect for use in a professional and busy workshop environment, available in either single or three phase.

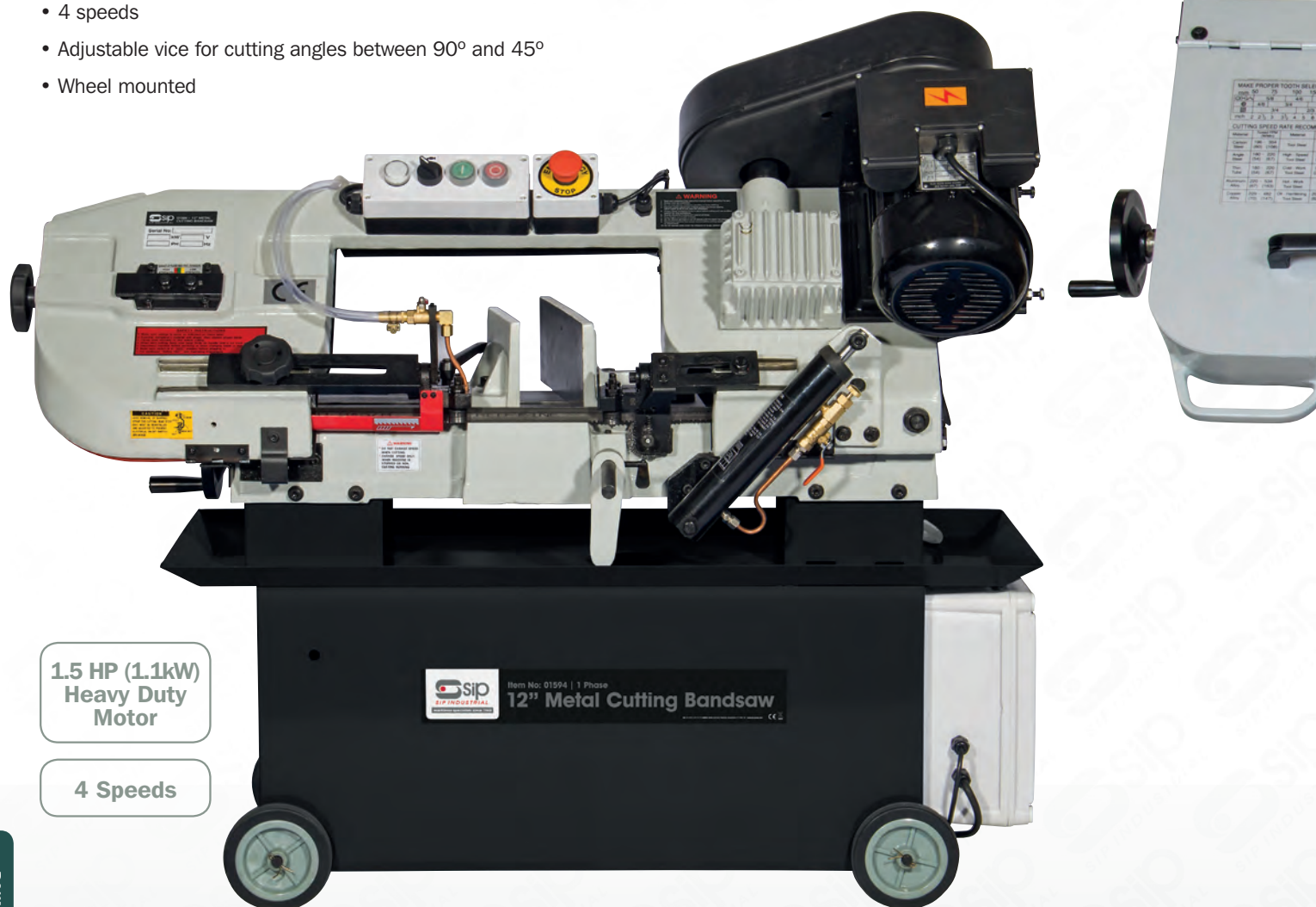
- 1.1 kW (1.5 HP) induction motor
- 4 speeds
- Adjustable vice for cutting angles between 90° and 45°
- Wheel mounted



24 V control circuit



Blade guide rollers with integrated lubrication pipe



**1.5 HP (1.1kW)
Heavy Duty
Motor**

4 Speeds

SIP
Item No: 01594 | 1 Phase
12" Metal Cutting Bandsaw

SIP SALES:

Tel: 01509 500500
Fax: 01509 500456
Email: sales@sip-group.com

TECHNICAL / AFTERSALES:

Tel: 01509 500400
Fax: 01509 500456
Email: technical@sip-group.com

MODEL	SIP 12" METAL CUTTING BANDSAW	SIP 12" METAL CUTTING BANDSAW
PRODUCT CODE	01594	01595
Input Supply	230 V - 1 ph	400 V - 3 ph
Swivel	✗	✗
Motor Power	1.5 HP (1.1 kW)	1.5 HP (1.1 kW)
Drive	V-BELT	V-BELT
Blade Speeds	4	4
Blade Speed Range	22 / 33 / 45 / 65 m/min	22 / 33 / 45 / 65 m/min
Blade Size	2362 x 0.9 x 19 mm	2362 x 0.9 x 19 mm
Coolant System	✓	✓
Cutting Capacity @ 90°	● Ø 178 mm ■ 178 x 305 mm	● Ø 178 mm ■ 178 x 305 mm
Cutting Capacity @ 45°	● Ø 127 mm ■ 120 x 125 mm	● Ø 127 mm ■ 120 x 125 mm
Net Weight	170 kg	170 kg
Gross Weight	192 kg	192 kg
Packaged Dimensions	1250 x 450 x 1150 mm	1250 x 450 x 1150 mm
Barcode Number	5012713015948	5012713015955

SPECIFICATIONS

SIP 18" Metal Cutting Bandsaw ITEM NO: 01597

This brand new heavy duty 3 phase 18" Metal Cutting Bandsaw from SIP has many features. The bandsaw has a powerful heavy duty 1.5 kW (2 HP) motor plus 4 cutting speeds can be selected for work piece cutting. The superb heavy duty cast iron bow improves accuracy and reduces vibration. This top of the range bandsaw has all the features you come to expect from a machine that is suited for use in a professional and busy workshop environment.

- Adjustable vice for cutting angles between 0° and 45°
- Powerful 1.5 kW (2 HP) induction motor
- 4 speeds



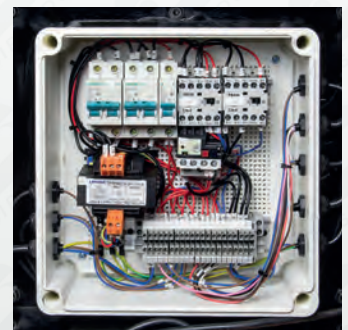
MODEL	SIP 18" METAL CUTTING BANDSAW
PRODUCT CODE	01597
Input Supply	400 V - 3 ph
Swivel	✗
Motor Power	2 HP (1.5 kW)
Drive	V-BELT
Blade Speeds	4
Blade Speed Range	29 / 50 / 73 / 95 m/min
Blade Size	3280 x 0.9 x 27 mm
Coolant System	✓
Cutting Capacity @ 90°	Ø 254 mm 127 x 457 mm
Cutting Capacity @ 45°	Ø 150 mm 150 x 190 mm
Net Weight	310 kg
Gross Weight	385 kg
Packaged Dimensions	1830 x 830 x 1150 mm
Barcode Number	5012713015979

SPECIFICATIONS

**2 HP (1.5kW)
Heavy Duty
Motor**

4 Speeds

3 Phase



24 V control circuit

METAL WORKING

SIP 10" Industrial Circular Saw

ITEM NO: 01554

The new 10" Industrial Circular Saw from SIP is designed for easy cutting of ferrous metals and runs from a 230v (13amp supply). This machine has a solid cast-iron base and head for added stability and reduces vibration.

The saw also features a single vice with cut-off clamp to eliminate break off burrs, a totally enclosed cutting blade for maximum safety and an integrated coolant system delivers lubrication and cooling to extend blade life. In-built coolant filters removes debris and swarf from the coolant to reduce blockages.

This saw is ideal for use in a busy workshop environment.

- Designed for cutting ferrous metals
- Cast iron machine head and base
- Single vice with cut-off clamp
- Built in coolant system with external filter
- Blade included
- Complete with stand

2 HP (1.5kW)
Heavy Duty
Motor

1 Speed



Clear control with NVR switch included



Single vice with cut-off clamp



MODEL	SIP 10" INDUSTRIAL CIRCULAR SAW
PRODUCT CODE	01554
Input Supply	230 V (13 A)
Swivel	✓
Motor Power	1.5 HP (1.1 kW)
Drive	DIRECT
Blade Speeds	1
Blade Speed Range	42 RPM
Blade Size	250 Ø x 2 x 32 (Bore) mm
Coolant System	✓
Cutting Capacity @ 90°	Ø 60 mm
	75 x 45 mm
	55 x 55 mm
	55 x 55 mm
Cutting Capacity @ 45°	Ø 55 mm
	55 x 45 mm
	50 x 50 mm
	50 x 50 mm
Net Weight	143 kg
Gross Weight	171 kg
Packaged Dimensions	Box 1: 890 x 580 x 740 mm Box 2: 770 x 460 x 330 mm
Barcode Number	5012713015542

SPECIFICATIONS



ITEM NO.	DESCRIPTION	SUITABLE FOR SIP ITEM*	BARCODE NUMBER
06891	14" Abrasive Disc	01308P 01315P	5012713068913
05210	10" Circular Saw Blade - 250 x 2 x 32 mm Z160 T5	01554	5012713052103
05212	10" Circular Saw Blade - 250 x 2 x 32 mm Z200 T4	01554	5012713052127
05165	12" Circular Saw Blade - 315 x 2.5 x 40 mm Z220	01565	5012713051656
05199	12" Circular Saw Blade - 315 x 2.5 x 40 mm Z160 T5	01565	5012713051991

* may also fit nono-SIP saws, please check your user manual

SIP 12" Industrial Circular Saw ITEM NO: 01565

The top of the range brand new 3 phase 12" Industrial Circular Saw from SIP has a powerful dual speed motor which gives ultimate performance, delivering smooth and reliable cuts on ferrous metals.

It's also equipped with a solid cast-iron base and head for maximum stability and reduced vibration, a totally enclosed cutting blade for maximum safety plus a twin vice clamp for work piece stability and to eliminate break off burrs. An integrated coolant system delivers lubrication and cooling to extend blade life. In-built coolant filters removes debris and swarf from the coolant to reduce blockages.

Perfect for use in a busy workshop environment.

- Twin speed (18rpm / 36rpm)
- Designed for cutting ferrous metals
- Cast iron machine head and base
- Twin vice (centralises the work piece)
- Built in coolant system for cut lubrication
- Blade included
- Complete with stand

**2 HP (1.5kW)
Heavy Duty
Motor**

2 Speeds

3 Phase



Twin vice - centralises the workpiece



Clear control with NVR switch



MODEL	SIP 12" INDUSTRIAL CIRCULAR SAW
PRODUCT CODE	01565
Input Supply	400 V - 3 ph
Swivel	✓
Motor Power	1.7 HP (1.3 kW)
Drive	DIRECT
Blade Speeds	2
Blade Speed Range	18 & 36 RPM
Blade Size	315 Ø x 2.5 x 40 (Bore) mm
Coolant System	✓
Cutting Capacity @ 90°	Ø 100 mm 140 x 90 mm 100 x 100 mm 100 x 100 mm
Cutting Capacity @ 45°	Ø 100 mm 100 x 90 mm 90 x 90 mm 90 x 90 mm
Net Weight	185 kg
Gross Weight	207 kg
Packaged Dimensions	Box 1: 980 x 620 x 900 mm Box 2: 770 x 580 x 470 mm
Barcode Number	5012713015658

SPECIFICATIONS

METAL WORKING

SIP 6" Bench Grinder ITEM NO: 07546

SIP 8" Bench Grinder ITEM NO: 07557

SIP 8"x 6" Wet/Dry Bench Grinder ITEM NO: 07576

No metalworking catalogue would be complete without a range of Bench Grinders. These SIP Bench Grinders are ideal for fast-sharpening of Workshop & Garage Tools and contain the following design features:

Key Features:

- Powerful induction motors • Complete with 2 grinding wheels
- Robust metal body
- Precision sealed, lubricated spindle bearings
- Supplied with adjustable tool rests, eye shields, spark deflectors and wheel guards



1 coarse and 1 medium grinding wheel included



8" slow speed wet grinding wheel - perfect for a finer finish (07576)

MODEL	SIP 6" BENCH GRINDER	SIP 8" BENCH GRINDER	SIP 6" x 8" WET & DRY BENCH GRINDER
PRODUCT CODE	07546	07557	07576
Supply	230 V (13 A)	230 V (13 A)	230 V (13 A)
Motor Power	250 W	350 W	375 W
Wheel Speed	3000 RPM	3000 RPM	3000 RPM - DRY / 135 RPM - WET
Wheel Dimensions	Ø150 x 20 x 12.7 (Bore) mm	Ø200 x 20 x 16 (Bore) mm	Ø 150 x 20 x 12.7 (Bore) mm - DRY Ø 200 x 40 x 20 (Bore) mm - WET
Wire Wheel	✗	✗	✗
NVR Switch	✗	✗	✗
Protection	IP23	IP23	IP23
Weight	6.29 kg	9.26 kg	9.6 kg
Packed Dimensions	240 x 260 x 360 mm	240 x 260 x 360 mm	265 x 255 x 420 mm
Barcode Number	5012713075461	5012713075577	50127137075768

SPECIFICATIONS

SIP Professional 6" Bench Grinder ITEM NO: 07625

SIP Professional 8" Bench Grinder ITEM NO: 07628

SIP Professional 10" Bench Grinder ITEM NO: 07645

The Professional SIP Bench Grinders complete the range and are engineered to the highest standards and include the added feature of a Built-in NVR switch. They are compact and yet powerful and are specifically designed to comfortably work with various metals.



Wire wheel included

Wire wheel included

NVR switch for added safety

1 coarse and 1 medium grinding wheel included
(07625, 07628 & 07645)

MODEL	SIP 6" PRO BENCH GRINDER	SIP 8" PRO BENCH GRINDER	SIP 10" PRO BENCH GRINDER
PRODUCT CODE	07625	07628	07645
Supply	230 V (13 A)	230 V (13 A)	230 V (13 A)
Motor Power	370 W	550 W	750 W
Wheel Speed	2850 RPM	2850 RPM	2850 RPM
Wheel Dimensions	Ø150 x 25 x 12.7 (Bore) mm	Ø200 x 25 x 15.8 (Bore) mm	Ø250 x 25 x 20 (Bore) mm
Wire Wheel	✓	✓	✗
NVR Switch	✓	✓	✓
Protection	IP23	IP23	IP23
Weight	6.29 kg	9.26 kg	24 kg
Packed Dimensions	280 x 310 x 455 mm	280 x 310 x 460 mm	320 x 350 x 460 mm
Barcode Number	5012713076253	5012713076284	5012713076451

NVR
SWITCH

METAL WORKING

SIP Bench and Floor Standing Pillar Drills

The SIP range of Bench & Floor Mounted Pillar Drills, are suited to drilling both hard and soft woods as well as metals and plastics within the manufacturing/ engineering environments and offer a wide range of features including:-

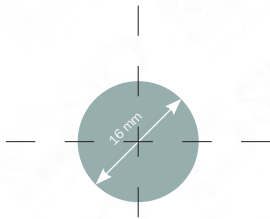
- NVR Switch • Chuck Guards • Quick & easy motor speed adjustment
- Sturdy cast iron table and base • One piece "soft grip" handles*
- Quality motors with thermal protection • Ease of use

*Not included on 02700 & 01701

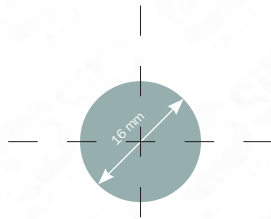


MODEL	SIP B16-12	SIP B16-12	SIP B16-16	SIP B20-16	SIP F16-16	SIP F20-16	SIP F28-20
ITEM NO.	01700	01701	01702	01703	01704	01705	01706
Type	Bench	Bench	Bench	Bench	Floor	Floor	Floor
Supply	230 V (13 amp)	230 V (13 amp)	230 V (13 amp)	230 V (13 amp)	230 V (13 amp)	230 V (13 amp)	230 V (13 amp)
Motor	350 W	375 W	375 W	550 W	375 W	550 W	750 W
Speed Range	620 - 2620 rpm	300 - 2550 rpm	180 - 2770 rpm	180 - 2770 rpm	180 - 2770 rpm	180 - 2770 rpm	280 - 2380 rpm
Number of Speeds	5	12	16	16	16	16	12
Chuck Capacity	1.5 to 13 mm	3 to 16 mm	3 to 16 mm	3 to 16 mm	3 to 16 mm	3 to 16 mm	5 to 20 mm
Drilling Capacity	13 mm (mild steel)	16 mm (mild steel)	16 mm (mild steel)	16 mm (mild steel)	16 mm (mild steel)	16 mm (mild steel)	25 mm (mild steel)
Spindle Taper	B16	B16	MT2	MT2	MT2	MT2	MT3
Table Size	160 x 160 mm	202 x 195 mm	290 mm Ø	290 x 290 mm	250 x 250 mm	290 x 290 mm	290 x 290 mm
Base Size	290 x 190 mm	340 x 210 mm	415 x 245 mm	462 x 274 mm	450 x 265 mm	450 x 265 mm	460 x 272 mm
Column Ø	46 mm	58 mm	72 mm	72 mm	72 mm	72 mm	80 mm
Swing	210 mm	260 mm	325 mm	360 mm	325 mm	360 mm	360 mm
Throat	105 mm	130 mm	162.5 mm	180 mm	162.5 mm	180 mm	180 mm
Overall Height	580 mm	840 mm	980 mm	990 mm	1550 mm	1565 mm	1600 mm
Max. Spindle Stroke	50 mm	60 mm	80 mm	83 mm	80 mm	83 mm	82.5 mm
Collar Ø	40 mm	40 mm	55 mm	55 mm	55 mm	55 mm	65 mm
Max. Dist. Chuck to Table	220 mm	405 mm	450 mm	405 mm	725 mm	682 mm	687 mm
Max. Dist. Chuck to Base	300 mm	515 mm	630 mm	600 mm	1205 mm	1174 mm	1177 mm
Net Weight	14.7 kg	27 kg	38 kg	50 kg	47 kg	53 kg	60 kg
Gross Weight	16.7 kg	29 kg	40 kg	52 kg	50 kg	57 kg	64 kg
Packaged Dimensions (HxWxD)	450 x 350 x 245 mm	665 x 410 x 260 mm	770 x 450 x 270 mm	810 x 490 x 270 mm	1110 x 450 x 270 mm	1140 x 490 x 270 mm	1140 x 490 x 270 mm
Barcode Number	5012713017003	5012713017010	5012713017027	5012713017034	5012713017041	5012713017058	5012713017065

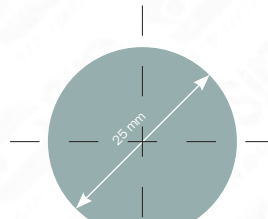
METAL WORKING



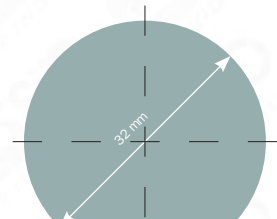
DRILLING CAPACITY
(MILD STEEL)



DRILLING CAPACITY
(MILD STEEL)



DRILLING CAPACITY
(MILD STEEL)



DRILLING CAPACITY
(MILD STEEL)



01704 ►



01705 ►



01706 ►



01707 / 01708 ►

SIP F32-20 01707	SIP F32-20 (3PH) 01708
Floor	Floor
230 V (13 amp)	400 V
1100 W	1100 W
150 - 2450 rpm	150 - 2450 rpm
12	12
5 to 20 mm	5 to 20 mm
32 mm (mild steel)	32 mm (mild steel)
MT4	MT4
420 x 470 mm	420 x 470 mm
573 x 427 mm	573 x 427 mm
92 mm	92 mm
510 mm	510 mm
255 mm	255 mm
1722 mm	1722 mm
120 mm	120 mm
75 mm	75 mm
726 mm	726 mm
1204 mm	1204 mm
117 kg	117 kg
122 kg	122 kg
1415 x 650 x 270 mm	1415 x 650 x 270 mm
5012713017072	5012713017089

SPECIFICATIONS



Magnetic NVR switch for added safety



Quick and simple 'easy-lock' motor speed adjustment

METAL WORKING

SIP Variable Speed Drill Presses

Infinitely variable speed control can be changed and tuned without the need for altering any belts or tensions

- Infinitely variable speed adjustment between 500 and 2600 rpm
- NVR Switch • Digital Speed Display • One piece “soft grip” handles
- Cast iron tables and base
- Chuck guard



Easy infinitely variable speed control



LCD digital speed display

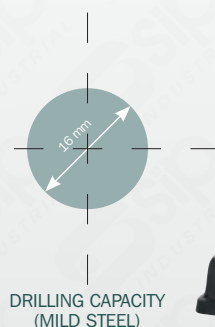


01533 ▶

01535 ▶

MODEL	SIP VARIABLE SPEED DRILL	SIP VARIABLE SPEED DRILL
ITEM NO.	01533	01535
Type	Bench	Floor
Supply	230 V (13 amp)	230 V (13 amp)
Motor	550 W	550 W
Speed Range	500 - 2600 rpm	500 - 2600 rpm
Number of Speeds	Infinitely Variable	Infinitely Variable
Digital Display	✓	✓
Chuck Capacity	3 to 16 mm	3 to 16 mm
Drilling Capacity	16 mm (mild steel)	16 mm (mild steel)
Spindle Taper	MT2	MT2
Table Size	300 mm Ø	300 mm Ø
Base Size	415 x 250 mm	415 x 250 mm
Column Ø	72 mm	72 mm
Swing	364 mm	364 mm
Throat	182 mm	182 mm
Overall Height	1020 mm	1620 mm
Max. Spindle Stroke	85 mm	85 mm
Collar Ø	62 mm	62 mm
Max. Dist. Chuck to Table	315 mm	620 mm
Max. Dist. Chuck to Base	530 mm	1120 mm
Net Weight	60 kg	70 kg
Gross Weight	64 kg	75 kg
Packaged Dimensions (HxWxL)	780 x 520 x 290 mm	1430 x 520 x 260 mm
Barcode Number	5012713015337	5012713015351

SPECIFICATIONS



DRILLING CAPACITY (MILD STEEL)

SIP Chuck Guards

Replacement guards for use on the SIP bench & floor pillar drills.



66609



07662



07664



63828

ITEM NO.	DESCRIPTION	SUITABLE FOR SIP ITEM	BARCODE NUMBER
66609	40mm Chuck Guard	01700, 01701	5012713666096
07662	55mm Chuck Guard	01702, 01703, 01704, 01705	5012713076628
07664	65mm Chuck Guard	01706	5012713076642
68328	75mm Chuck Guard	01707, 01708	5012713638284

SIP Drill Vice

A selection of trade drill vices to suit most workshop and garage needs.



ITEM NO.	DESCRIPTION	JAW WIDTH	JAW OPENING	BARCODE NUMBER
07709	3" Drill Vice	80 mm	83 mm	5012713077090
07710	4" Drill Vice	100 mm	100 mm	5012713077106
07712	6" Drill Vice	148 mm	148 mm	5012713077120

SIP Advanced Neat Metalworking Fluid

ITEM NO: 02353

Superior quality, neat cooling and lubricating fluid.

Suitable for all cutting, milling, drilling and tapping operations.

- 5 Litre container

Barcode Number: 5012713023530



SIP Parts Washer Solvent

ITEM NO: 02382

SIP Parts Washer Solvent is a high powered solvent. To minimise fire hazards it has a flash point greater than 61°C.

Suitable for use on glass, enamel, concrete, all metals and stone.

- 10 Litre container

Barcode Number: 5012713023820



METAL WORKING

SIP 5 Gallon Parts Washer ITEM NO: 06886

A large 23 litre (5 gallon) space saving bench top parts washer.

Key Features:

- 25w (230v) motor
- Pump rate 136 litres/hr (30 gallons)
- Lid fitted with fusible link for added safety
- Sturdy tough steel construction

Barcode Number: 5012713066869



SIP 20 Gallon Parts Washer ITEM NO: 03834

A large 90 litre (20 gallon) space saving, floor standing parts washer.

Key Features:

- 25w (230v) motor
- Pump rate 136 litres/hr (30 gallons)
- Sturdy tough steel construction
- Self latching lid with fusible link - snaps lid shut in the event of fire
- Flexible metal nozzle for precise coverage

Barcode Number: 5012713038343



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AUTOMOTIVE

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AIR TOOLS

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WOODWORKING

PRODUCT
CATALOGUE

HEATING & FANS
GENERATORS
PRESSURE
WASHERS
WATER PUMPS

Conversion Tables

Millimetres to Inches

Millimetres (mm)	Inches (ins)	Millimetres (mm)	Inches (ins)	Millimetres (mm)	Inches (ins)	Millimetres (mm)	Inches (ins)
1	0.039	7	0.276	40	1.575	100	3.937
2	0.079	8	0.315	50	1.969	200	7.874
3	0.118	9	0.354	60	2.362	300	11.811
4	0.157	10	0.394	70	2.756	400	15.748
5	0.197	20	0.787	80	3.150	500	19.685
6	0.236	30	1.181	90	3.543	1000	39.37

Metres to Feet

Metres (m)	Feet (ft)	Metres (m)	Feet (ft)	Metres (m)	Feet (ft)	Metres (m)	Feet (ft)
1	3.281	6	19.685	20	65.617	70	229.659
2	6.562	7	22.966	30	98.425	80	262.467
3	9.843	8	26.247	40	131.234	90	295.276
4	13.123	9	29.528	50	164.042	100	328.084
5	16.404	10	32.808	60	196.85		

Bar to PSI

Bar	PSI	Bar	PSI	Bar	PSI	Bar	PSI
1	14.5	6	87.02	20	290.1	70	1015
2	29.01	7	101.5	30	435.1	80	1160
3	43.51	8	116	40	580.2	90	1305
4	58.02	9	130.5	50	725.2	100	1450
5	72.52	10	145	60	870.2	150	2176

Kilograms to Stones/Pounds/Ounces

Kilograms (kg)	Stones/lbs/oz	Kilograms (kg)	Stones/lbs/oz	Kilograms (kg)	Stones/lbs/oz	Kilograms (kg)	Stones/lbs/oz
1	2 lb 3 oz	10	1 st 8 lbs	60	9st 6lbs	200	31st 69lb
2	4 lb 6 oz	20	3 st 2 lb	70	11st 00lb	300	47st 34lb
4	8 lb 13 oz	30	4 st 10 lbs	80	12st 8lb	400	62st 138lb
6	13 lb 3 oz	40	6st 4lbs	90	14st 2lb	500	78st 103lb
8	1 st 3 lb 10 oz	50	7st12lbs	100	15st10lb	1000	157st 66lb

Horsepower to Kilowatt

Horsepower (HP)	Kilowatt (kW)	Horsepower (HP)	Kilowatt (kW)	Horsepower (HP)	Kilowatt (kW)
1	0.746	6	4.474	11	8.203
2	1.491	7	5.220	12	8.948
3	2.237	8	5.966	13	9.694
4	2.983	9	6.711	14	10.440
5	3.729	10	7.457	15	11.186

Conversion Guide

To Convert From:	Multiply By	To Convert To:
Bar	14.503	PSI - Pounds per sq. inch
PSI - Pounds per sq. inch	0.069	Bar
L/s - Litres per second	2.119	CFM - Cubic feet per minute
CFM - Cubic feet per minute	0.472	L/s - litres per seconds
L/m - litres per minute	0.035	CFM - Cubic feet per minute
CFM - Cubic feet per minute	28.316	L/min - Litres per minute
Kilowatts (kW)	1.34	Horsepower (hp)
	100	Centimetre (cm)
Metres (m)	3.281	Feet (ft)
	39.37	Inches (in.)
	1.094	Yards (yd)
	0.1	Centimetres (cm)
Millimetres (mm)	0.039	Inches (in)
	0.001	Metres (m)
Pounds (lb)	0.454	Kilograms (kg)
Kilograms (kg)	2.205	Pounds (lb)

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