SIP INDUSTRIAL

PRODUCT CATALOGUE

machinery specialists since 1968



WELDING METALWORK

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SIP - Shepshed UK

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 over 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 65,000ft^2 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 - 51 years and counting!

SIP TIME-LINE

1996 SIP sell to over 20 countries worldwide

1997 Production of engine driven generators expanded

1998 ***30 YEARS*** **of success celebrated**

2000 250,000th welder sold

2002 Woodworking range increased

2003 SIP doubles its number of customers

2008 ***40 YEARS*** **of success celebrated**

2009 NEW complete range of air compressors launched - Largest in UK

2010 New advanced range of ProTech Inverter welders launched with extended warranty

2013 Launched SIP website and social media

2014 Over 10,000 spare parts in stock to serve the range

2016 1000th SIP product launched.
Service vans added for on-site servicing

2017 Product sponsorship for THE BLOODHOUND Project, 1000mph speed record attempt

2018 SIP will have sold in excess of **5,000,000** products in its history

50 SIP FIFTY YEARS 1968-2018

2019.....



MMA TRANSFORMER

SIP T141P ARC ITEM NO: 05741
SIP T211P ARC ITEM NO: 05721

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

Key Features:

- Double shunt welding power regulation
- Infinitely variable stepless output allows superb versatility
- Turbo fan-cooling for increased welding times
- Electrode-to-material thickness gauge indicates the correct electrode size for the job
- 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 only

ARC / MMA

05741 ▶



05721 ▶



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

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 P180A-DC ITEM NO: 25115

The SIP 180A MMA (ARC) welder generator is constructed from robust & durable materials. Highly portable, this ease-to-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:

- 230V and 110V power take-off
- 15HP petrol engine
- 25 litre fuel tank
- AVR (Automatic Voltage Regulator)
- Electric-starting and recoil
- Wheel mounted frame with folding lifting handles





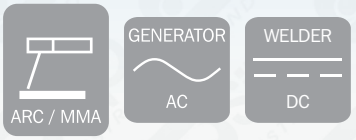
Generator output



DC welding output

A.V.R.

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

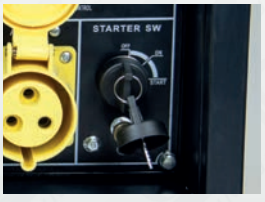




230 V / 110 V power switch selection



Integrated folding lifting handles



Electric start



Pull-start



Fuel gauge

	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
Welding Thickness (mild steel)	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

Our professional Alleycat welder-generators have been designed to provide mobile welding and power solutions for a variety of applications. Available in 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.

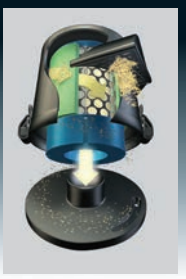
Relentless Power.
Legendary Performance.

KOHLER®

3 year engine warranty

ENGINE DESIGNED IN USA

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



Quad-Clean™ cyclonic air cleaner



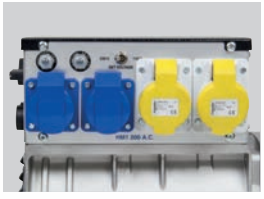


BUILT AND TESTED BY SIP IN THE UK

ARC / MMA

AC

DC



AC Generator Output (25167, 25168)



DC 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



SIP Petrol Engine Service Parts - Kohler

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

MODEL	SIP KP200W-AC	ELECTRIC START SIP KP200W-AC E/S	SIP KP200W-DC	ELECTRIC START 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	✘	✔	✘	✔
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
Welding Thickness (mild steel)	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

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

Our professional Alleycat welder-generators have been designed to provide mobile welding and power solutions for a variety of applications. Available in 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

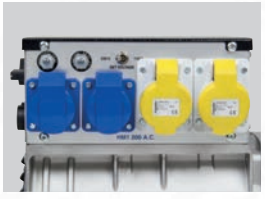


BUILT AND TESTED BY SIP IN THE UK









AC Generator Output
(25017, 25169)



DC Generator Output
(25020, 25172)



AC Welding Output
(25017, 25169)



DC Welding Output
(25020, 25172)



Electric Start Option
(25169, 25172)



HONDA GX390
petrol engine



SIP Petrol Engine Service Parts - Honda

Item No.	DESCRIPTION	Barcode Number
14564	Air Filter for GX340 / GX390 engines	5012713145645
14594	Sparl Plug for all Honda GX engines	5012713145942

		ELECTRIC START		ELECTRIC START
MODEL	SIP HP200W-AC	SIP HP200W-AC E/S	SIP HP200W-DC	SIP HP200W-DC E/S
PRODUCT CODE	25017	25169	25020	25172
Engine Type	HONDA GX390	HONDA GX390	HONDA GX390	HONDA GX390
Electric Start	✘	✔	✘	✔
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
Welding Thickness (mild steel)	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 T800 ARC ITEM NO: 05703
SIP T1400 ARC ITEM NO: 05705
SIP T1600 ARC ITEM NO: 05707
SIP T203 ARC ITEM NO: 05708

Key Features: 05703, 05705 and 05707

- On-demand fan cooling for performance
- Generator friendly and super lightweight
- Reliable Scratch-TIG torch-starting function
- Anti-stick circuitry
- EMC filter comes as standard
- Thermal overload protection

Key Features: 05708

- Integrated Voltage Reduction Device (VRD)
- On-demand fan cooling for performance
- Generator friendly and super lightweight
- Reliable Lift-TIG torch-starting function
- Anti-stick circuitry
- Thermal overload protection



05703, 05, 07 control panels

What's in the box?
MMA Welder, 2 metre electrode lead and 2 metre earth lead



05780 control panel



05703 ▶

ARC / MMA

SCRATCH TIG

LIFT-TIG

GENERATOR FRIENDLY

MODEL	SIP T800 ARC	SIP T1400 ARC	SIP T1600 ARC	SIP T203 ARC
PRODUCT CODE	05703	05705	05707	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	10 to 80 A	20 to 140 A	20 to 160 A	20 to 200 A
Open Circuit Voltage (OCV)	68 V	68 V	68 V	72 V
Duty Cycle	80 A @ 60%	140 A @ 20%	160 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
Welding Thickness (mild steel)	1.5 to 4 mm	1.5 to 7 mm	1.5 to 8 mm	1.5 to 9 mm
Power Factor	0.65	0.65	0.65	0.69
Efficiency	85%	85%	85%	85%
Insulation Class	H	H	H	H
Protection	IP21S	IP21S	IP21S	IP21S
Weight	2.8 kg	3.8 kg	3.8 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	5012713057030	5012713057054	5012713057078	5012713057085

SPECIFICATIONS

MMA INVERTER PROFESSIONAL

SIP HG1400DA ARC ITEM NO: 05711
SIP HG1600DA ARC ITEM NO: 05713
SIP HG2000DA ARC ITEM NO: 05715
SIP HG2600A ARC ITEM NO: 05732



05711, 13, 15 control panels

Key Features: 05711, 05713 and 05715

- Digital Display for easy setting of the welding current
- Switchable VRD control
- Generator friendly and super lightweight
- Reliable Lift-TIG torch-starting function
- Anti-stick circuitry
- Thermal overload protection

What's in the box?
MMA Welder, 2 metre electrode lead and 2 metre earth lead

Key Features: 05732 as above plus...

- ***ARC FORCE*** control for precise weld pool control



ARC / MMA | LIFT-TIG | ARC FORCE

2 YEAR WARRANTY

DIGITAL DISPLAY

MULTIFUNCTION SWITCH 05711 / 13 / 15



05711 ▶

ARC FORCE *(05732 only)*

Additional Amperage adjustment during low voltage "Short Arc" welding conditions. Assists to avoid "sticking" welding rods when a short arc is used.

GENERATOR FRIENDLY



05732 control panel

SPECIFICATIONS

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 (22 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
Welding Thickness (mild steel)	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

MMA INVERTER PROFESSIONAL

SIP Hi-TECH RANGE

SIP HG1600DV ARC ITEM NO: 05716
SIP HG2000DV ARC ITEM NO: 05717

Key Features:

- Switchable Voltage Reduction Device (VRD)
- Integrated PFC - Power Factor Correction
- Generator friendly and super lightweight
- Reliable Lift-TIG torch-starting function
- Anti-Stick circuitry and easier controls
- Digital display for easy adjustment
- Added thermal overload protection



Easy-to-use control panels



◀ 05717

What's in the box?
MMA Welder, 2 metre electrode lead and 2 metre earth lead

ARC / MMA

LIFT-TIG

2 YEAR WARRANTY

DUAL VOLTAGE 110V / 230V



05716 ▶

GENERATOR FRIENDLY

60% DUTY CYCLE

MODEL	SIP HG1600 ARC	SIP HG2000 ARC
PRODUCT CODE	05716	05717
Construction	INVERTER	INVERTER
Input Supply	230 V (16 A) 110 V (24 A)	230 V (20 A) 110 V (32 A)
Output Current MMA/ARC	20 to 160 A (230 V) 20 to 100 A (110 V)	20 to 200 A (230 V) 20 to 120 A (110 V)
Open Circuit Voltage (OCV)	90 V	90 V
Duty Cycle	131 A @ 60% (230 V) 98 A @ 60% (110 V)	163 A @ 60% (230 V) 98 A @ 60% (110 V)
Electrode Ø	1.6 to 4 mm (230 V) 1.6 to 3.2 mm (110 V)	1.6 to 5 mm (230 V) 1.6 to 3.2 mm (110 V)
Welding Thickness (mild steel)	1.5 to 8 mm (230 V) 1.5 to 6 mm (110 V)	1.5 to 9 mm (230 V) 1.5 to 6 mm (110 V)
Power Factor	0.99	0.99
Efficiency	85%	85%
Insulation Class	H	H
Protection	IP21S	IP21S
Weight	6.6 kg	6.6 kg
Packaged Dimensions	310 x 210 x 440 mm	310 x 210 x 440 mm
Barcode Number	5012713057160	5012713057177

P·F·C
POWER FACTOR CORRECTION

POWER FACTOR CORRECTION (PFC)

Reduces mains power consumption, incorporated into the welders electronic design.

SPECIFICATIONS

SIP HG1800 DC TIG Inverter ITEM NO: 05775

Designed with the frequent user in mind, the SIP HG1800 TIG welder produces a stable arc that is capable of performing to 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:

- Stable arc for high quality welds
- Welds mild steel, stainless steel and copper
- Latest IGBT inverter technology platform
- Generator friendly and super lightweight
- HF ARC ignition for start-up from 10A
- Anti-stick circuitry for easy operation
- Easy-to use digital control display



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

HF-TIG | LIFT-TIG | ARC / MMA

2 YEAR WARRANTY





Don't forget **ACCESSORIES & CONSUMABLES** See pages 26 to 40

GENERATOR FRIENDLY | 60% DUTY CYCLE

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%*
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

TIG INVERTER PROFESSIONAL

SIP HG2200P TIG Inverter with Pulse ITEM NO: 05771

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

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

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:

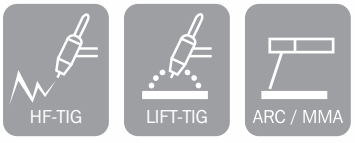
- Latest IGBT inverter technology platform
- Pre & post-flow gas setting
- Slope-up / Slope-down time adjustment
- Crater-fill function
- TIG Pulse facility
- ARC force control
- High 60% duty cycle
- Digital display
- HF ARC ignition for start-up from 5A
- Capable of welding mild steel, stainless steel and copper
- Lightweight design for easy portability



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



Don't forget **ACCESSORIES & CONSUMABLES** See pages 26 to 40

GENERATOR FRIENDLY | 60% DUTY CYCLE | PULSE FACILITY

SPECIFICATIONS

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	✔
Insulation Class	H
Protection	IP21S
Weight	26 kg
Packaged Dimensions	440 x 430 x 600 mm
Barcode Number	5012713051625

* Denotes 20°C

SIP HG2500P AC/DC TIG Inverter ITEM NO: 05770

The SIP HG2500P AC/DC features a 9 stage parameter adjustment including Slope-up / Slope-down, pre & post flow gas, AC balance and 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).



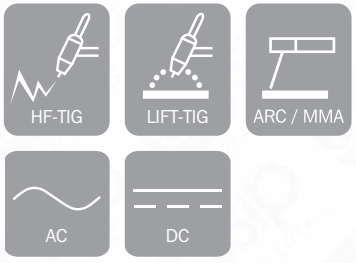
Easy-to-use control panels

Key Features:

- Latest IGBT inverter technology platform
- For stainless steel, mild steel, aliuminium, and copper
- Variable frequency control and TIG PULSE facility
- Digital display for easy setting adjustment
- High 60% duty cycle on all processes
- Foot pedal accessory available to buy

What's in the box?

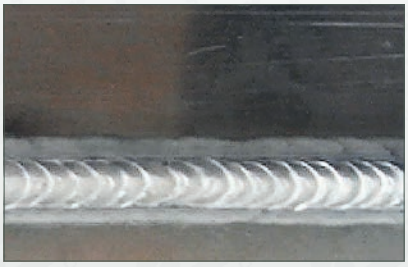
SIP26 TIG torch - 4 metre, 2 metre earth lead, 3 metre gas hose and torch spares kit



2 YEAR WARRANTY



GENERATOR FRIENDLY | 60% DUTY CYCLE | PULSE FACILITY



Aluminium alloy TIG flat welding in AC mode



Don't forget **ACCESSORIES & CONSUMABLES** See pages 26 to 40

MODEL	SIP HG2500P AC/DC
PRODUCT CODE	05770
Input Supply	230 V (16 A)
	TIG
Output Current	10 to 200 A (AC) / 5 to 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	5012713005770 2

* Denotes 20°C

SPECIFICATIONS

MIG TRANSFORMER

SIP T126 MIG Gasless ITEM NO: 05710

A MIG transformer welder for the serious home user or tradesman. Welds 1.2 to 4mm mild steel over a 125amp peak current, and is designed for easy operation and user convenience at a value price.

What's in the box?
MIG torch - 1.8 metre, earth lead, hand held face shield, contact tip, wire brush, 0.2 kg flux cored MIG wire

MIG

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



SIP T136 MIG Gas/Gasless ITEM NO: 05736
SIP T166 MIG Gas/Gasless ITEM NO: 05756

Both of these value-for-money machines can operate in gas and gasless modes, and are primarily suited for domestic and trade use. They are turbo fan-cooled for increased performance and feature versatile power settings for easy adjustment.

05736 - 135amp peak current, welds 0.7 to 5.4mm with 4 power settings.

05756 - 165amp peak current, welds 0.7 to 6.2mm with 6 power settings.



What's in the box? (05736 & 05756)
MIG torch - 1.8 metre, earth lead, hand held face shield, contact tip, wire brush, 0.2 KG flux cored MIG wire and gas bottle brackets

MIG

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 26 to 40 for our range of accessories and consumables



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 Voltage Range	17 to 18.5 V	15.5 to 18 V	15.5 to 19.25 V
Welding Voltage Steps	2	4	6
Duty Cycle	90 A @ 20%	80 A @ 20%	105 A @ 20%
Maximum 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
Welding Thickness (mild steel)	1.2 to 4 mm	0.7 to 5.4 mm	0.7 to 6.2 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

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 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 nature, and ability to weld in gas/gasless modes mean maximum versatility each and every time.

Key Features:

- Heavy-duty 2 roll metal wire feed system
- Welds Mild Steel in GAS and GASLESS mode
- Welds mild steel, stainless steel, aluminium in GAS mode
- 30A low current performance for bodywork and panels
- Turbo fan cooled for increased duty cycle
- Wheel mounted with integrated bottle carrier

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



◀ 05718



◀ 05722

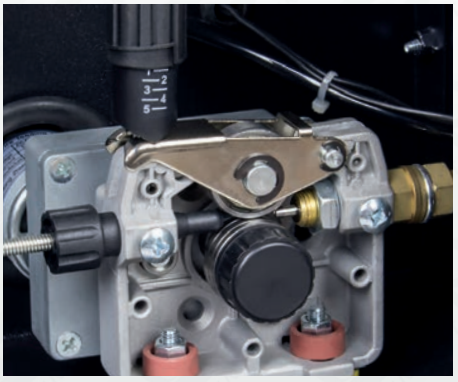




Integrated large gas bottle carrier



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 Voltage Range	15.5 to 21.25 V	15.5 to 22.75 V	15.5 to 24.5 V
Welding Voltage Steps	6	6	6
Duty Cycle	145 A @ 15%	175 A @ 15%	210 A @ 15%
Maximum 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 TRANSFORMER

SIP HGT4000CD MIG Compact ITEM NO: 05792

The HGT4000CD is a compact and powerful MIG transformer suitable for serious trade, professional, and industrial-grade applications. It benefits from a 10x position switch for ultimate welding flexibility.

This model features an integrated 4-roll wire feed unit.

Covered by a comprehensive 2 year warranty.

Key Features:

- Industrial-grade MIG transformer
- 2 touch / 4 touch (2T/4T) trigger modes
- Integrated gas bottle shelf and carrier
- 10x position switch for easy adjustment
- Integrated powerful 4-roll wire feed
- Easy-to-use touch pad controls
- Burnback adjustment

What's in the box?
MB36 torch - 4 metre, 3 metre earth lead and gas hose

MIG

2 YEAR WARRANTY





Heavy-duty 4-roll wire-feed

MODEL	SIP HGT4000CD MIG COMPACT
PRODUCT CODE	05792
Construction	SWITCHED TRANSFORMER
Input Supply	230 V (38 A)
Output Current	60 to 300 A
Welding Voltage Range	17 to 29 V
Welding Voltage Steps	10
Duty Cycle	300 A @ 35%
Maximum Wire Speed	15 m/min
Wire Size	0.6 to 1.2 mm
Insulation Class	H
Protection	IP21S
Weight	95 kg
Packaged Dimensions	670 x 970 x 380 mm
Barcode Number	5012713057924

SPECIFICATIONS

SIP HGT4000S MIG ITEM NO: 05778

The HGT4000S is a two-part MIG transformer welder that boasts all the same specifications that the HGT4000C has, including a 10x position switch and 4 roll wire-feeding.

The added benefit of this model is a separate wire feed unit and accompanying interconnecting harness.

Covered by a comprehensive 2 year warranty.

Key Features:

- Industrial-grade MIG transformer
- 2 touch / 4 touch (2T/4T) trigger modes
- Integrated gas bottle shelf and carrier
- 10x position switch for easy adjustment
- Separate heavy-duty 4-roll wire feed unit
- Easy-to-use touch pad controls
- Burnback adjustment

What's in the box?

MB36 torch - 4 metre, 3 metre earth lead, 5 metre Interconnecting Harness and gas hose

MIG

2 YEAR WARRANTY





Separate 5 to 15 KG wire feed unit



Heavy-duty 4-roll wire feed

MODEL	SIP HGT4000S MIG
PRODUCT CODE	05778
Construction	SWITCHED TRANSFORMER
Input Supply	230 V (38 A)
Output Current	60 to 300 A
Welding Voltage Range	17 to 29 V
Welding Voltage Steps	10
Duty Cycle	300 A @ 35%
Maximum Wire Speed	24 m/min
Wire Size	0.8 to 1.2 mm
Insulation Class	H
Protection	IP21S
Weight	120 kg
Packaged Dimensions	970 x 460 x 790 mm
Barcode Number	5012713057788

SPECIFICATIONS

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

This versatile multi-process, triple-function inverter takes full advantage of the latest IGBT inverter technology. Able to weld MIG, ARC, and TIG functions, this welder benefits from an extremely stable DC welding current, optimising overall performance and user-friendliness.

With a high duty cycle, infinitely variable weld adjustments, and robust and lightweight casing, this welder is a must for any professional.



Easy-to-use digital display control panel

Key Features:

- 230v 1-phase supply for all processes
- MIG, ARC, and TIG multi-process machine
- Built with the latest IGBT inverter technology
- Infinitely variable weld settings for versatility
- Dual digital displays and touchpad controls
- Reliable welding in gas/gasless modes
- Heavy-duty 2 roll wire-feed assembly
- Extra-low current performance

What's in the box?

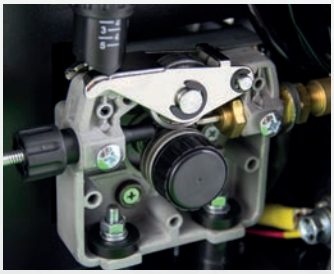
MB15 torch - 3 metre, 3 metre earth lead, 3 metre electrode lead, gas hose, hand-held face mask, chipping hammer, 0.2kg 0.8mm flux cored wire, 0.6mm, 0.9mm and 1mm contact tips.

MIG | ARC / MMA | LIFT-TIG

2 YEAR WARRANTY



GENERATOR FRIENDLY | 50% DUTY CYCLE | MULTI PROCESS



All MIG units feature a high quality wire feed mechanism

MODEL	SIP HG2300MP		
PRODUCT CODE	05773		
Supply	230 V (16 A)		
Process	**MIG**	**TIG**	**MMA**
Output Current	30 to 200 A	20 to 200 A	30 to 170 A
Output Voltage	15.5 to 24 V	10.8 to 18 V	21.2 to 26.8 V
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
Tungsten Size	-	1.6 to 2.4 mm	-
Insulation Class	H		
Protection	IP21S		
Weight	14.5 kg		
Packaged Dimensions	585 x 330 x 485 mm		
Barcode Number	5012713057733		

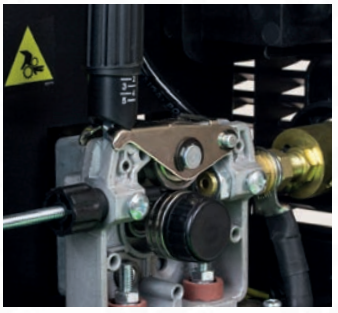
SPECIFICATIONS

SIP HG2300DV SYNERGIC MIG/ARC/TIG Inverter ITEM NO: 05780

The HG2300DV is a multi-process inverter welder that takes full advantage of cutting-edge Synergic welding technology. Simply select your process, gas type, wire size, and plate material thickness, and the machine will set parameters for you each time.

Synergic curves are programmed for mild steel, stainless steel, and aluminium, making it extremely versatile and precise.

This welder allows existing custom parameters to be saved and loaded.



Quality all-metal wire feed mechanism

Key Features:

- 230v / 110v dual voltage supply
- Microprocessor-controlled system
- Digital display for welding adjustment
- Multi-function knob for simple fine-tuning
- Reliable operation in gas and gasless modes
- 2 touch/4 touch (2T/4T) and spot weld functions
- Pre and post-flow and Run-in Wfs adjustment
- Super lightweight and generator friendly

What's in the box?

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









Rotate the multi-function knob to kame your selection and follow the on screen prompts

2 YEAR WARRANTY

DUAL VOLTAGE 110V / 230V

110V AUTO SENSING 230V

GENERATOR FRIENDLY

MULTI PROCESS

MIG | ARC / MMA | LIFT-TIG

DIGITAL SYNERGIC

SYNERGIC CONTROL

Simplistically, Synergic means, in welding terms, that the relationship between the key components have already been joined together, meaning that any guess work has already been removed, for a consistent arc each time.

MODEL	SIP HG2300DV	
PRODUCT CODE	05780	
Supply	110 V (13 A)	230 V (16 A)
Output Current **MIG**	40 to 90 A	40 to 200 A
Output Voltage **MIG**	16 to 18.5 V	16 to 24 V
Output Current **MMA**	10 to 70 A	10 to 180 A
Output Voltage **MMA**	20.4 to 22.8 V	20.4 to 27.2 V
Output Current **TIG**	10 to 90 A	10 to 180 A
Output Voltage **TIG**	10.4 to 13.6 V	10.4 to 17.2 V
Duty Cycle	90 A @ 100% (20°C) 90 A @ 40% (40°C)	200 A @ 40% (20°C) 200 A @ 40% (40°C)
Wire Size	0.6 to 1 mm	
Wire Spool Size	0.7 to 5 kg (100 to 200 mm Ø)	
MIG Wire Type	Solid Mild Steel / Flux Cored / Stainless Steel / Aluminium	
Electrode Ø	1.6 to 4 mm	
Tungsten Size	1.6 to 2.4 mm	
Insulation Class	A	
Protection	IP21S	
Weight	19 kg	
Packaged Dimensions	460 x 335 x 700 mm	
Barcode Number	5012713057801	

SPECIFICATIONS

MIG INVERTER PROFESSIONAL

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

The heavy-duty and compact designs of these inverter welders are built to withstand the high demands and rugged requirements for professional applications and industry.

With a high build quality, powerful 60% duty cycles and ultra smooth performance, these welders are highly versatile and reliable.

All 3 of these models serve dual purposes, able to weld in MIG and in ARC/MMA. Each one is fitted with a heavy-duty 4 roll wire-feed motor assembly, individual burnback adjustment and inductance controls.

Key Features:

- Latest IGBT inverter technology
- Dual purpose industrial-grade units
- Heavy-duty 4 roll wire-feed assembly
- Burnback and inductance adjustment
- Infinitely variable welding controls
- Powerful 60% duty cycles
- Generator friendly

What's in the box?

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

MIG

ARC / MMA



Easy-to-read control panel



Heavy-duty 4-roll wire feed



Inching button and burnback control







Integrated large gas bottle carrier

2 YEAR WARRANTY

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 (40.3 A)	400 V (11 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%
Welding Voltage Range	16.5 to 24 V	16.5 to 26.5 V	16.6 to 26.5 V
Maximum 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
	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%	250 A @ 60%	250 A @ 60%
Welding Voltage Range	21.2 to 28 V	21.2 to 28 V	21.2 to 30 V
Electrode Ø	1.6 to 4 mm	1.6 to 5 mm	1.6 to 4 mm
Welding Voltage Steps	Infinitely Variable	Infinitely Variable	Infinitely Variable
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

SPECIFICATIONS

SIP HG3000S MIG Inverter ITEM NO: 05777

The HG3000S is a variation of the HG3000 inverter welder and is built to the same standard. Like the HG3000, this inverter is built to withstand the high demands for industrial-grade tasks.

A heavy-duty construction, powerful 60% duty cycles and optimum performance each time, this welder is highly versatile and reliable.

Unlike the HG3000, this model features a separate 4 roll wire-feed unit with accompanying interconnecting harness.

Key Features:

- Latest IGBT inverter technology
- Dual purpose industrial-grade unit
- Separate mounted 4 roll wire-feed unit
- Burnback and inductance adjustment
- Infinitely variable welding controls
- Powerful 60% duty cycles
- Generator friendly

MIG

ARC / MMA



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



Weld current and voltage control





Separate mounted wire feed unit



Heavy-duty all-metal wire feed system

What's in the box?

MB25 torch - 3 metre, 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 &
2x contact tips.

2 YEAR WARRANTY

GENERATOR FRIENDLY

60% DUTY CYCLE

MODEL	SIP HG3000S MIG
PRODUCT CODE	05777
Construction	INVERTER
Input Supply	230 V (40.3 A)
	MIG
Output Current	50 to 250 A
Duty Cycle	250 A @ 60%
Welding Voltage Range	16.5 to 26.5 V
Maximum Wire Speed	20 m/min
Wire Size	0.8 to 1 mm
	ARC/MMA
Output Current	30 to 200 A
Duty Cycle	250 A @ 60%
Welding Volt Range	21.2 to 28 V
Electrode Ø	1.6 to 5 mm
Welding Volt Steps	Infinitely Variable
Insulation Class	H
Protection	IP21S
Weight	60.36 kg (Box 1) 10 kg (Box 2)
Packaged Dimensions	945 x 495 x 810 mm (Box 1) 720 x 320 x 500 mm (Box 2)
Barcode Number	5012713057771

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 so 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.



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

Key Features:

- Manual MIG / Synergic MIG modes
- Heavy-duty 4-roll wire feed & motor
- Powerful 60% duty cycle
- IGBT inverter technology
- Dual digital display
- Operates in gas and gasless modes
- Infinitely variable weld control with individual burn-back and inductance controls

What's in the box?

MB36 torch - 4 metre, 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.

DIGITAL SYNERGIC

SYNERGIC CONTROL

Simplistically, Synergic means, in welding terms, that the relationship between the key components have already been joined together, meaning that any guess work has already been removed, for a consistent arc each time.



MIG power and wire speed control



Separate mounted 4-roll wire feed unit



Heavy-duty all-metal wire feed system





Wire feed unit can be used remotely

2 YEAR WARRANTY

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%
Welding Voltage Range	16 to 31.5 V
Maximum Wire Speed	20 m/min
Wire Size	0.8 to 1.2 mm
	ARC/MMA
Output Current	30 to 350 A
Duty Cycle	350 A @ 60%
Welding Voltage Range	21.6 to 34 V
Electrode Ø	1.6 to 6 mm
Welding Voltage Steps	Infinitely Variable
Insulation Class	H
Protection	IP21S
Weight	75.3 kg (Box 1) 10 kg (Box 2)
Packaged Dimensions	810 x 945 x 930 mm (Box 1) 500 x 350 x 720 mm (Box 2)
Barcode Number	5012713057764

SPECIFICATIONS

MIG | ARC / MMA | GENERATOR FRIENDLY | 60% DUTY CYCLE

SIP INT300 Plasma Inverter with Internal Compressor ITEM NO: 05783

The SIP INT300 Plasma Cutter features an internal compressor for added power and less reliance upon external machinery. Perfect for sheet metal and automotive garages or workshops.

Key Features:

- Infinitely variable output power settings
- Internal compressor - no external reliance
- Pilot ARC; cuts through painted surfaces
- Perfect for sheet metal and automotive appliactions
- Solid, durable heavy-duty construction

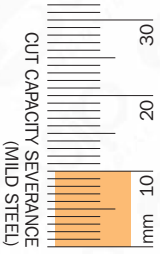


What's in the box?

PT40 torch - 5 metre (connected), earth lead (connected) and torch consumables accessory kit.

PLASMA

2 YEAR WARRANTY



SPECIFICATIONS

MODEL	SIP INT300 PLASMA
PRODUCT CODE	05783
Input Supply	230 V (16 A)
Torch	Pilot ARC / Wired-in
Output Current	12 to 25 A
Output Voltage	84.8 to 90 V
Duty Cycle	25 A @ 60%
Output Settings	Infinitely Variable
Capacity - Quality Cut	8 mm
Capacity - Severance	10 mm
Insulation Class	H
Protection	IP22S
Weight	17 kg
Packaged Dimensions	480 x 250 x 480 mm
Barcode Number	5012713057832

SIP HG400 Plasma Inverter ITEM NO: 05785

Features inverter technology, which offers consistently accurate cutting of conductive materials including steel, stainless steel, copper, bronze, and aluminium.

Key Features:

- Infinitely variable output power settings
- Digital display for current settings
- Fully adjustable cooldown time
- Lightweight - weighs 9.8kg!
- Supplied with accessories

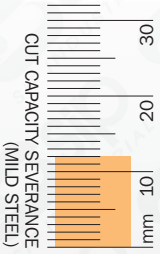


What's in the box?

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

PLASMA

2 YEAR WARRANTY



SPECIFICATIONS

MODEL	SIP HG400 PLASMA
PRODUCT CODE	05785
Input Supply	230 V (16 A)
Torch	Contact HF P80 Wired-in
Output Current	15 to 40 A
Output Voltage	86 to 96 V
Duty Cycle	33 A @ 60%
Output Settings	Infinitely Variable
Air Pressure	3 to 6 BAR
Air Capacity	200 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

PLASMA INVERTER PROFESSIONAL

SIP Hi-TECH RANGE

SIP HG500 Plasma Inverter ITEM NO: 05787

The HG700 Plasma Cutter features Inverter technology, which offers consistently accurate cutting of conductive materials including steel, stainless steel, copper, bronze, and aluminium.

Key Features:

- Infinitely variable output power settings
- Digital display for current settings
- Fully adjustable cooldown time
- Lightweight - weighs 10kg!
- Supplied with accessories

What's in the box?

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



PLASMA

2 YEAR WARRANTY



SPECIFICATIONS

MODEL	SIP HG500 PLASMA
PRODUCT CODE	05787
Input Supply	230 V (20 A)
Torch	Contact HF P80
Output Current	15 to 50 A
Output Voltage	86 to 100 V
Duty Cycle	29 A @ 60%
Output Settings	Infinitely Variable
Air Pressure	3 to 6 BAR
Air Capacity	200 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

SIP HG700 Plasma Inverter ITEM NO: 05789

The SIP HG700 Plasma Cutter boasts infinitely variable output power settings, and a cutting capacity of 25mm for conductive materials including steel, copper, bronze, and aluminium.

Key Features:

- Infinitely variable output power settings
- Integrated low air pressure switch
- Digital display for current settings
- Trigger has a built-in safety lever
- 'Parts-in-place' safety circuit

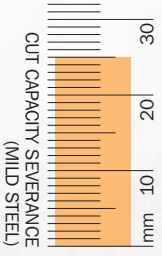
What's in the box?

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



PLASMA

2 YEAR WARRANTY



3 PHASE SUPPLY

SPECIFICATIONS

MODEL	SIP HG500 PLASMA
PRODUCT CODE	05789
Input Supply	400 V (13.5 A)
Torch	Pilot ARC Ignition
Output Current	25 to 70 A
Output Voltage	90 to 108 V
Duty Cycle	70 A @ 60%
Output Settings	Infinitely Variable
Air Pressure	3 to 6 BAR
Air Capacity	300 Ltr/min
Capacity - Quality Cut	20 mm
Capacity - Severance	25 mm
Insulation Class	F
Protection	IP21S
Weight	22 kg
Packaged Dimensions	480 x 250 x 480 mm
Barcode Number	5012713057894

SIP 25 KVA Pneumatic Column Spot Welder ITEM NO: 25113

Spot welder with pneumatic foot pedal control.

The electronic controller has a 5 step welding sequence. Simple to use control; single or double pulses with increased control when welding oxidised, galvanised, stainless and coated steels.

Key Features:

- Adjustable tip pressure, adjustable throat depth.
- The unit is supplied with fitted water cooling hoses.





1 PHASE CYCLE

SPECIFICATIONS

MODEL	SIP 25KVA PNEUMATIC COLUMN SPOT WELDER
PRODUCT CODE	25113
Supply	400 V 1 PH (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

SIP Heavy-Duty Water Cooler ITEM NO: 25331

This Heavy-Duty Water Cooler is an optional accessory available for use with SIP Item 25113, the 25KVA Pneumatic Column Spot Welder.

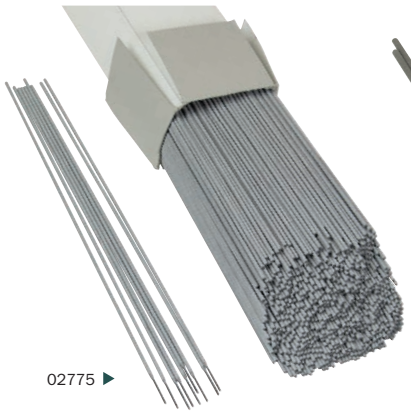
Key Features:

- 230v and 400v input supplies
- Integrated flow switch for added safety

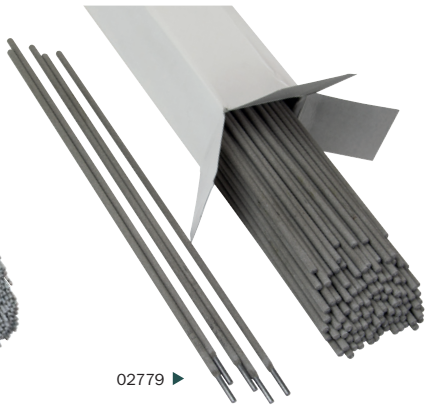


SPECIFICATIONS

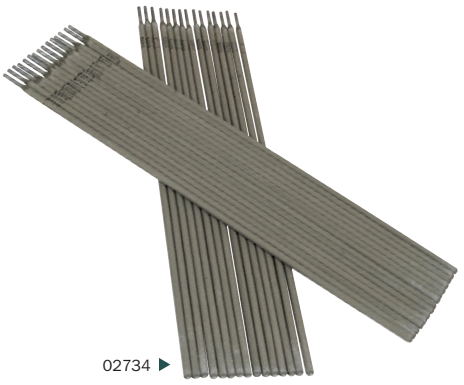
MODEL	SIP HEAVY-DUTY WATER COOLER
PRODUCT CODE	25331
Supply	230 V / 400 V
Tank Capacity	5 Litre
Heat Exchanger Rating	1.1 kW
Water Pressure	3.5 bar
Weight	10 kg
Packaged Dimensions	310 x 370 x 790 mm
Barcode Number	5012713253319



02775 ▶



02779 ▶



02734 ▶

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	3.25 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.



02691 ▶



02692 ▶



02693 ▶



02694 ▶



02689 ▶

MMA Welding Electrodes - Display Packs

SIP Code	DESCRIPTION	Barcode Number
02691	DIY Display Pack Electrodes (10x 1.6 mm)	5012713026913
02692	DIY Display Pack Electrodes (10x 2 mm)	5012713026920
02693	DIY Display Pack Electrodes (10x 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.



02700 02715 02720 02725 02744

MMA Electrode Holders

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



MMA Earth Clamps

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

SIP CONSUMABLES & ACCESSORIES

A



B



A - Dinse Cable Plug		
SIP Code	DESCRIPTION	Barcode Number
10262	10 - 25mm² (cable size), 65mm (length), 150A	5012713102624
10258	35 - 50mm² (cable size), 105mm (length), 315A	5012713102587
B - Dinse Cable Socket / Coupler		
10253	10 - 25mm² (cable size), 65mm (length), 200A	5012713102532
10254	35 - 50mm² (cable size), 105mm (length), 315A	5012713102549

A



B



A - Dinse Panel-Mounted Plug		
SIP Code	DESCRIPTION	Barcode Number
10518	35 - 50mm² (cable size), 315A 30mm (panel cut out) 42mm (outside diameter)	5012713105182
B - Dinse Panel-Mounted Socket		
10261	10 - 25mm² (cable size), 200A 20mm (panel cut out) 32mm (outside diameter)	5012713102617
10484	35 - 50mm² (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 mm²	2 metre	2 metre	5012713051007
05108	Small Dinse Plug	300 amp	35 mm²	3 metre	3 metre	5012713051083
05105	Large Dinse Plug	225 amp	25 mm²	2 metre	2 metre	5012713051052
05110	Large Dinse Plug	300 amp	35 mm²	3 metre	3 metre	5012713051106
02660	Large Dinse Plug	400 amp	20 mm²	3 metre	3 metre	5012713026609
02674	Large Dinse Plug	500 amp	70 mm²	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 mm²	2 metre	5012713000371
WE02-00145	Small Dinse Plug	200 amp	25 mm²	3 metre	5012713001453
WE01-00164	Large Dinse Plug	250 amp	35 mm²	3 metre	5012713001644
WE01-00165	Large Dinse Plug	350 amp	50 mm²	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 mm²	2 metre	5012713000364
10227	Small Dinse Plug	200 amp	25 mm²	5 metre	5012713102273
10230	Large Dinse Plug	200 amp	25 mm²	5 metre	5012713102303
10233	Large Dinse Plug	400 amp	50 mm²	5 metre	5012713102334



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.

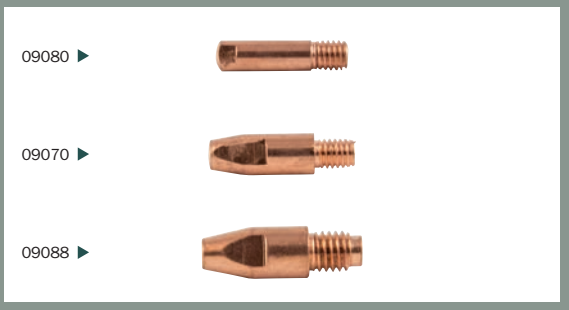
MIG Torch Shrouds

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



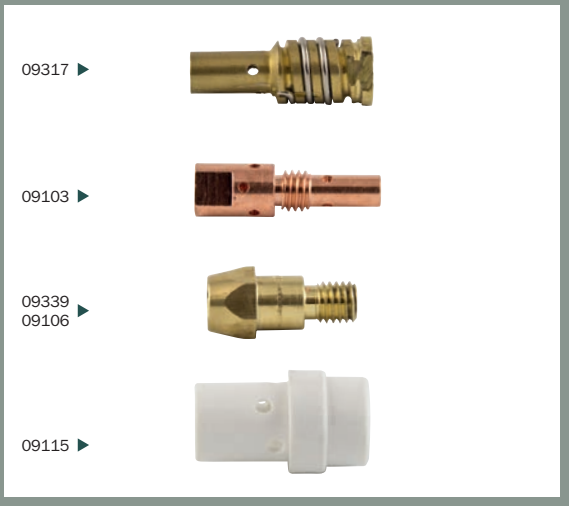
MIG Contact Tips

	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



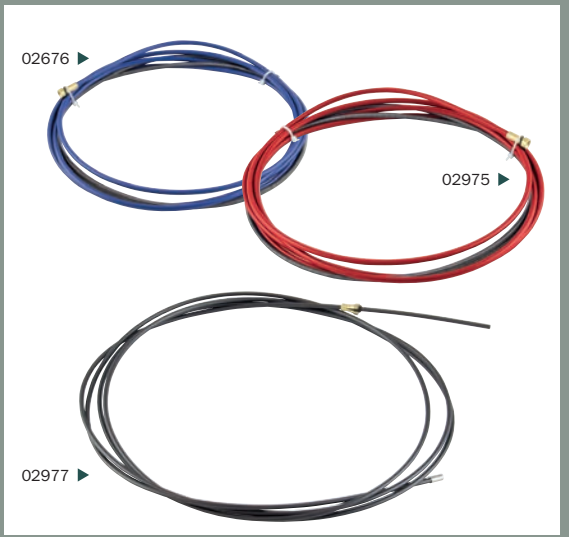
MIG Torch Tip Adaptors & Diffusers

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



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

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

For use with SIP Welders: 05718, 05720, 05773.

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

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

05505 (3 metre)- for use with SIP welders: 05722, 05769, 05772, 05774.

05510 (4 metre) - for use with SIP welders: 05769, 05772, 05774.

SIP36 MIG Welding Torch - 05515 (4 metre cable)

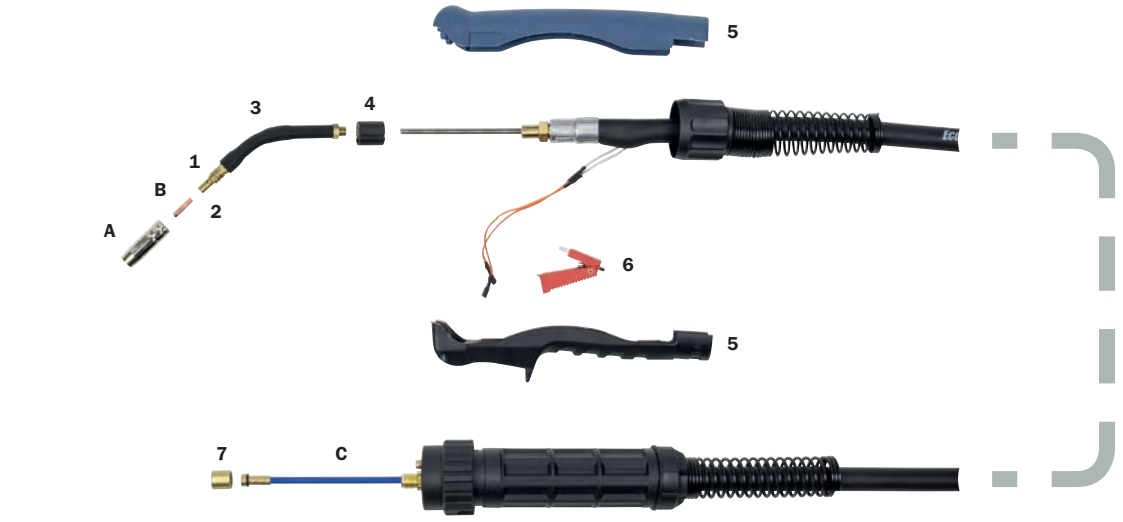
NOZZLES

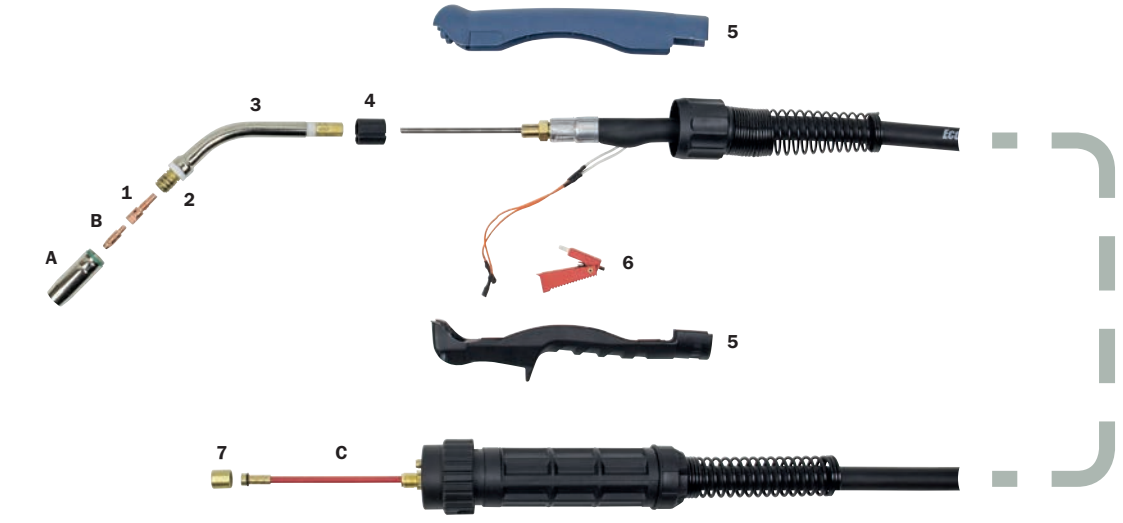
	SIP Code	DESCRIPTION	Barcode Number
A	09120	Conical Shroud	5012713091201
CONTACT TIPS			
B	09070	0.6 mm Contact Tip M6	5012713090709
	09077	0.8 mm Contact Tip M6	5012713090778
	09078	1.0 mm Contact Tip M6	5012713090785
	02653	1.2 mm Contact Tip M6	5012713026531
	09088	0.8 mm Contact Tip M6	5012713090884
	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

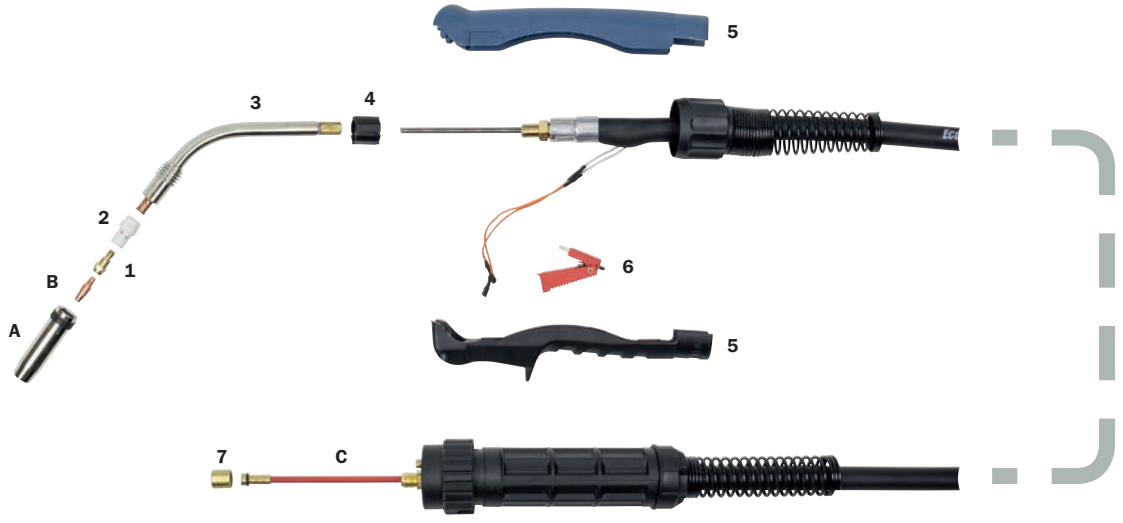
COMPONENTS

	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

For use with SIP welder: 05776.


5
3
4
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B
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A
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5
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C


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C

SIP CONSUMABLES & ACCESSORIES

MIG Welding Wire

SIP Code	DESCRIPTION	Spool Size	Barcode Number
02666	0.6 mm, mild steel	5 kg	5012713026661
02668	0.6 mm, mild steel	15 kg	5012713026685
02669	0.8 mm, mild steel	5 kg	5012713026692
02671	0.8 mm, mild steel	15 kg	5012713026715
02681	1.0 mm, mild steel	15 kg	5012713026814
02673	1.2 mm, mild steel	15 kg	5012713026739
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
05742	Hose Adaptor 1/8 Male to Female Push-fit to 6 mm Tail (05736, 05756)	5012713057429



CONSUMABLES & ACCESSORIES

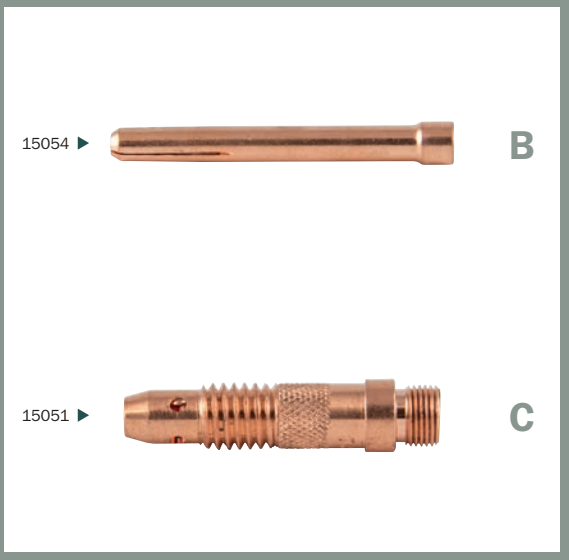
TIG Torch Ceramics

	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 Tungsten)

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 Tungsten)

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

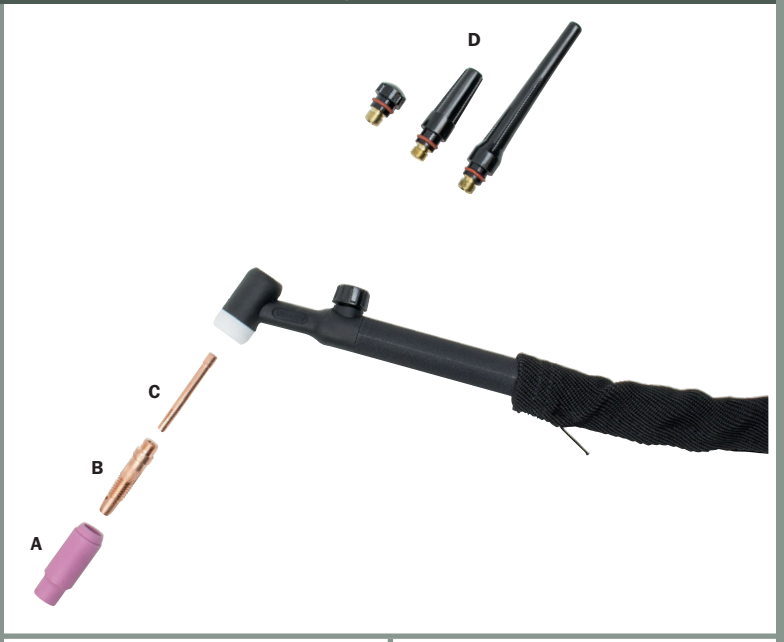


SIP17V TIG Torch with Gas Valve x 4 metre - 05029 (small dinse) / 05035 (large dinse)

	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.



SIP17 TIG Torch c/w one piece power cable - 05033

	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	05028	3 Pin Plastic Plug	5012713050284

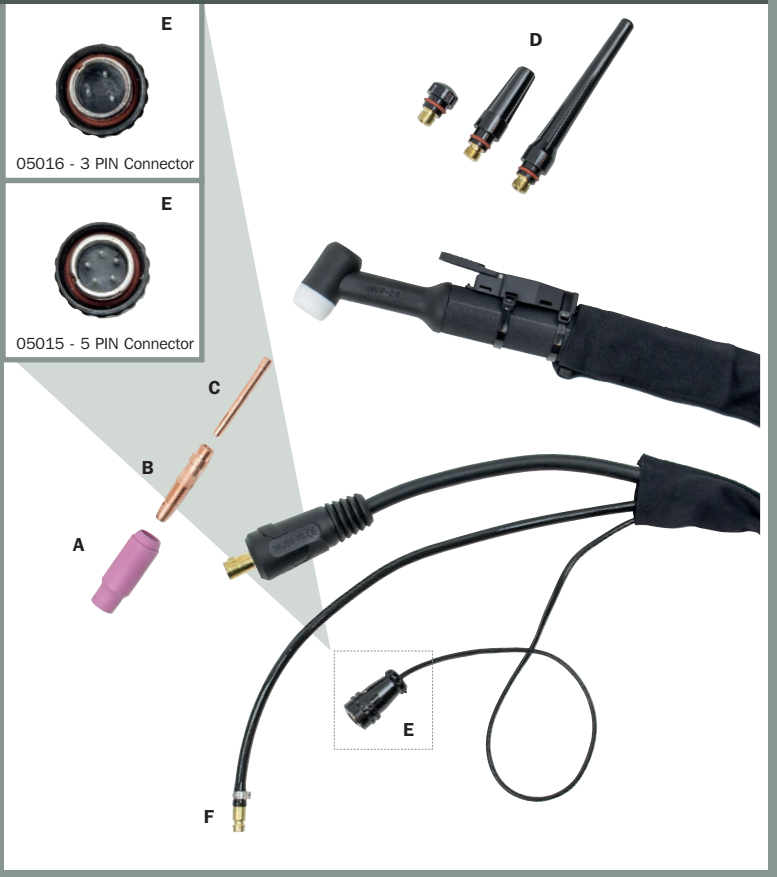
For use with: 05162.



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

	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
	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 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 (for use with 05787)
SIP P80 Plasma Torch x 6 metre c/w central connector - WE04-00177 (for use with 05789)

	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



Hand Protection

Item No.	DESCRIPTION	Barcode Number
04146	Deluxe Welding Gauntlets	5012713041466
04148	TIG Welding Gauntlets	5012713041480

Spark Protection - PPE

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

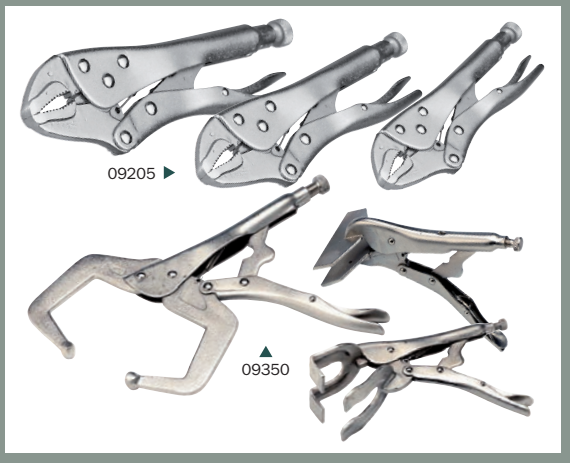
Quality suede leather gauntlets and apron, providing protection from welding spatter and sparks.



Welding Grips & Clamps

Item No.	DESCRIPTION	Barcode Number
09205	3x Welding Grips (5", 7" and 10")	5012713092055
09530	3x Welding Clamps	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 Table

Item No.	DESCRIPTION	Barcode Number
05709	528 x 944 x 700 mm Welding Table	5012713057092

Designed for various welding and cutting applications.

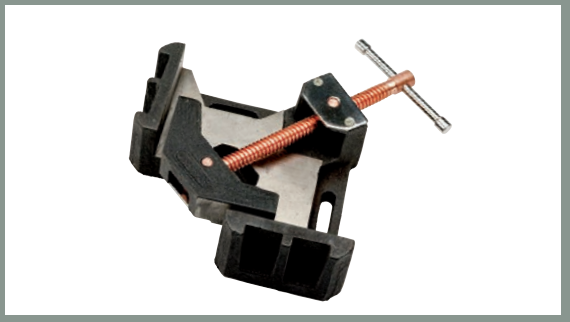


Welding Angle Clamps

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.

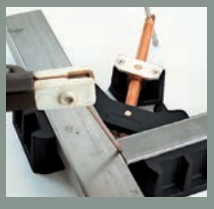
- Cast iron construction
- Copper-plated spindle for spatter protection
- Sliding 'T' Handle
- Oblong holes for easy fixing to workbench or machine tool table



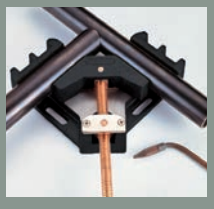
EXACT ALIGNMENT OF STEEL STRUCTURES



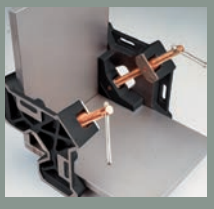
WELDING 'T' JOINTS ON SQUARE TUBE



WELDING 'T' JOINTS ON ROUND TUBE



SAFE HOLDING OF STEEL PLATES



GRINDING AND SEAMS ON ANGLED JOINTS



FIXING OF IRON FOR MITRE JOINT

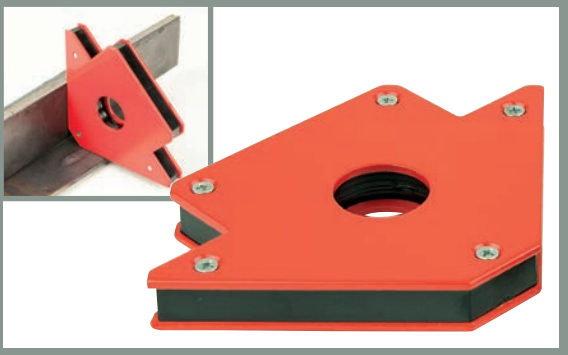


SIP CONSUMABLES & ACCESSORIES

Magnetic Holders

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

Securely holds the workpiece whilst welding.



Chipping Hammer

Item No.	DESCRIPTION	Barcode Number
02709	Spring Handled Chipping Hammer	50127130027095



Advanced Anti-Spatter Spray

Item No.	DESCRIPTION	Barcode Number
02820	400ml Anti-Spatter Spray	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 and 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 Flip-Top Welding Headshield

ITEM NO: 02846

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

Barcode Number: 5012713028467

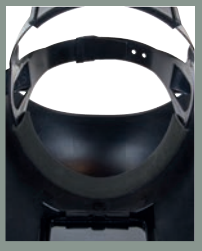
EASY ACTION FLIP-TOP VIEWING



FULL HEADBAND ADJUSTMENT



PADDED HEADBAND FOR ADDED COMFORT





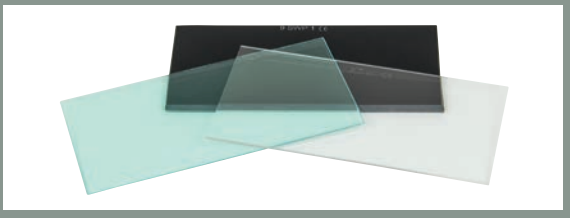
SIP Replacement Flip-Top Welding Lens Set

ITEM NO: 02888

For Flip-Top Headshield (02846)

Comprises: Protective Lens, Shade 10 Lens, Back Lens

Barcode Number: 5012713028887



SIP Meteor 2185 Electronic Welding Headshield

ITEM NO: 02883

- 3/10,000sec light-to-dark response, 2 sensors
- 4 SHADE for grinding, 9-13 SHADE for welding
- Side-mounted dial for simple shade adjustment
- Test button checks electronic shielding functions
- Built-in solar panel / Lithium CR2450 3v battery
- Adjustable padded headband for more comfort
- Integrated low shield power warning light
- Lightweight construction - 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 welding shade control settings:
  4 SHADE for grinding tasks
  9 - 13 SHADE for ARC/MIG/TIG
  5 - 9 SHADE for plasma cutting
- 1/10,000sec light-to-dark response, 4 sensors
- Test button checks electronic shielding functions
- Solar panel and 2x CR2450 3v Lithium batteries
- Adjustable padded headband for more comfort
- Integrated low shield power warning light
- Lightweight construction - weighs 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 welding shade control settings:
  4 SHADE for grinding tasks
  9 - 13 SHADE for ARC/MIG/TIG
  5 - 9 SHADE for plasma cutting
- 1/10,000sec light-to-dark response, 4 sensors
- Test button checks electronic shielding functions
- Solar panel and 2x CR2450 3v Lithium batteries
- Adjustable padded headband for more comfort
- Integrated low shield power warning light
- Lightweight construction - weighs 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



All welding headshield cover lenses conform to European Standard EN166

SIP 14” Abrasive Cut-Off Saw - 230 V ITEM NO: 01308P
SIP 14” Abrasive Cut-Off Saw - 110 V ITEM NO: 01315P



The 14” Abrasive Cut-Off Saw is capable of cutting all types of ferrous metals, and is highly portable due to it’s folding head and convenient carry handle. Highly adjustable.

Key Features:

- Quickly adjustable vice for more efficiency
- Saw is ready to use upon opening of box
- Abrasive saw disc is supplied attached
- Cuts all types of ferrous metals
- 0º to 45° mitre facility
- Folding head with carry handle



230 V SUPPLY

110 V SUPPLY



Abrasive Disc Included

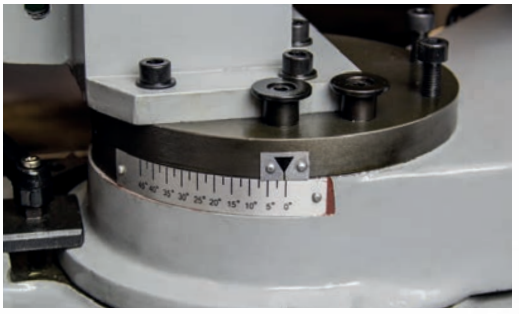
MODEL	SIP 14” ABRASIVE CHOP SAW	
PRODUCT CODE	01308P (230 V)	01315P (110 V)
Input Supply	230 V (13 A)	110 V (25 A)
Motor Power	3.2 HP (2.4 kW)	2.6 HP (2 kW)
Drive	DIRECT	DIRECT
Blade Speeds	1	1
Blade Speed Range	3800 RPM	3800 RPM
Blade Size	350 Ø x 2.5 x 25.4 (Bore) mm	350 Ø x 2.5 x 25.4 (Bore) mm
Cutting Capacity @ 90º		
●	Ø 130 mm	Ø 130 mm
▬	180 x 85 mm	180 x 85 mm
■	120 x 120 mm	120 x 120 mm
L	90 x 90 mm	90 x 90 mm
Cutting Capacity @ 45º		
●	Ø 110 mm	Ø 110 mm
▬	100 x 80 mm	100 x 80 mm
■	90 x 90 mm	90 x 90 mm
L	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

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.

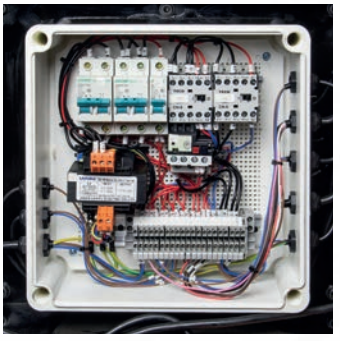
Key Features:

- Adjustable vice for cutting mitre angles between 0º and 45º
- 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

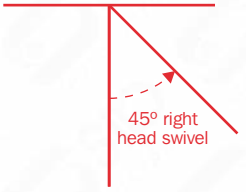


Swivel arm mitre 0º to 45º





24 V control circuit



1.5 HP (1.1kW) Heavy-duty Motor

4 Speeds



ITEM NO.	DESCRIPTION	SUITABLE FOR SIP ITEM*	BARCODE NUMBER
07739	**MCB Blade - 2362 x 20 x 0.9 mm M42 5/8 TPI**	01593 / 94 / 95	5012713077397
01427	**MCB Blade - 3280 x 27 x 0.9 mm M42 4/6 TPI**	01597 / 99	5012713014279
WK04-00400	**MCB Blade - 2085 x 20 x 0.9 mm M42 4/6 TPI**	01520	-
WK04-00401	**MCB Blade - 2455 x 27 x 0.9 mm M42 4/6 TPI**	01524	-

* 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 @ 90º	
●	Ø 178 mm
■	178 x 210 mm
Cutting Capacity @ 45º	
●	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

SPECIFICATIONS

SIP 12” Metal Cutting Bandsaw - 1ph

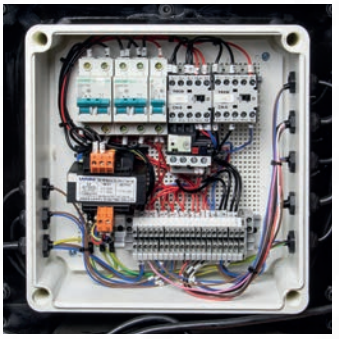
ITEM NO: 01594

SIP 12” Metal Cutting Bandsaw - 3ph

ITEM NO: 01595

These heavy-duty 12” Metal Cutting Bandsaws from SIP feature, a cast iron bow which improves accuracy and reduces vibration, and 4 cutting speeds that can be selected for workpiece 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.



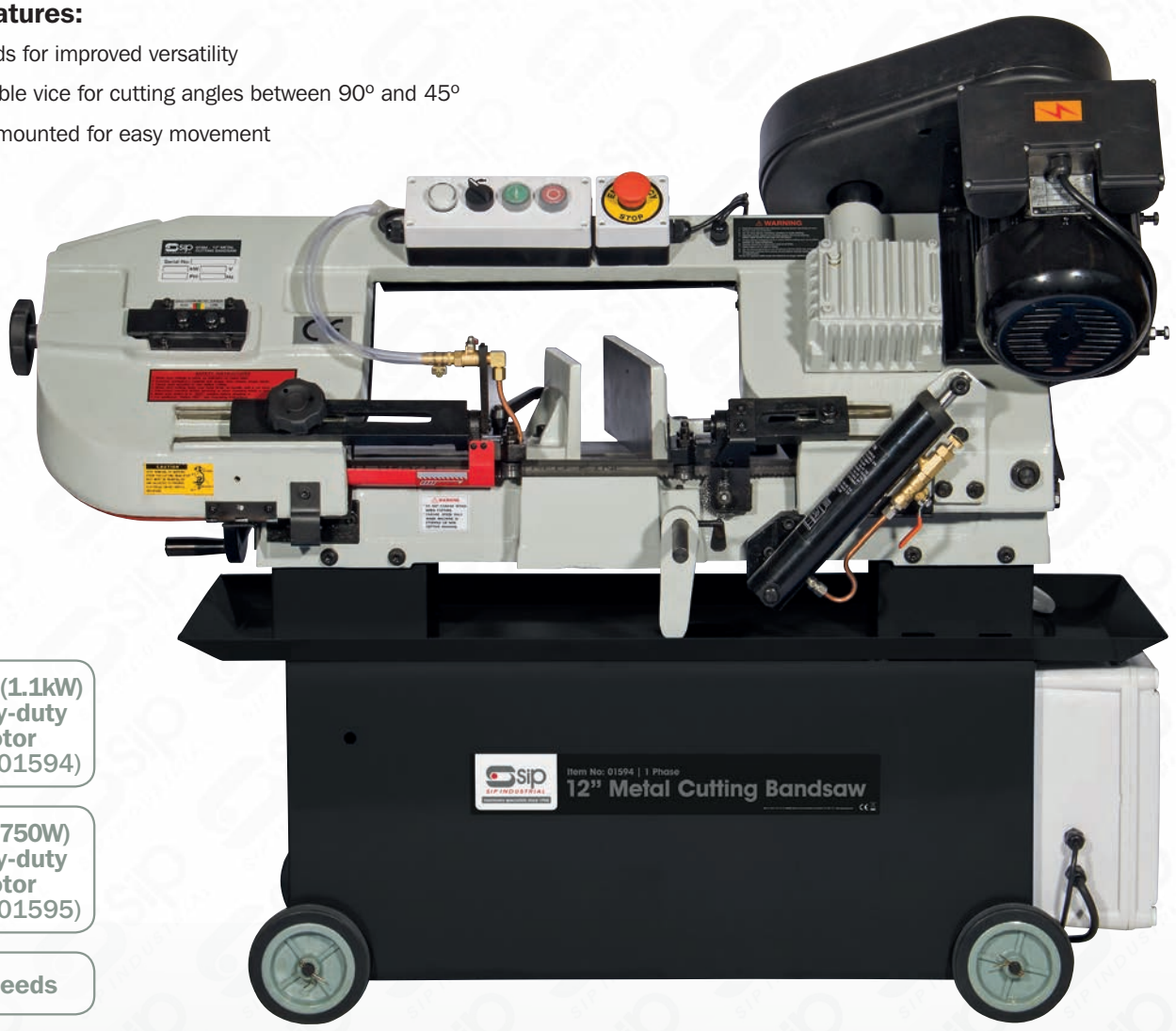
24 V control circuit



Blade guide rollers with integrated lubrication pipe

Key Features:

- 4 speeds for improved versatility
- Adjustable vice for cutting angles between 90º and 45º
- Wheel-mounted for easy movement



1.5 HP (1.1kW) Heavy-duty Motor (Item: 01594)

1 HP (750W) Heavy-duty Motor (Item: 01595)

4 Speeds

1 PHASE SUPPLY **3 PHASE SUPPLY**

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 HP (750 W)
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 @ 90º		
●	Ø 178 mm	Ø 178 mm
■	178 x 305 mm	178 x 305 mm
Cutting Capacity @ 45º		
●	Ø 127 mm	Ø 127 mm
■	120 x 125 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

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

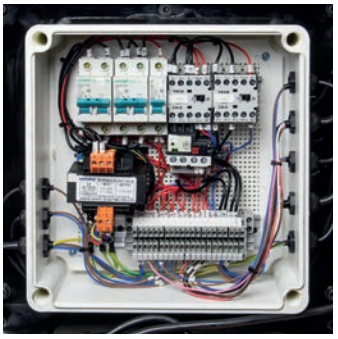
TECHNICAL / AFTERSALES:
Tel: 01509 500400
Fax: 01509 500456
Email: technical@sip-group.com

SIP 18” Metal Cutting Bandsaw - 1ph ITEM NO: 01599
SIP 18” Metal Cutting Bandsaw - 3ph ITEM NO: 01597

The bandsaw has a powerful heavy-duty 1.5 kW (2 HP) motor plus 4 cutting speeds which can be selected for workpiece 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.

Key Features:

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



24 V control circuit



2 HP (1.5kW) Heavy-duty Motor

4 Speeds

1 PHASE SUPPLY

3 PHASE SUPPLY

MODEL	SIP 18” METAL CUTTING BANDSAW	SIP 18” METAL CUTTING BANDSAW
PRODUCT CODE	01599	01597
Input Supply	230 V - 1 ph	400 V - 3 ph
Swivel	✘	✘
Motor Power	2 HP (1.5 kW)	2 HP (1.5 kW)
Drive	V-BELT	V-BELT
Blade Speeds	4	4
Blade Speed Range	29 / 50 / 73 / 95 m/min	29 / 50 / 73 / 95 m/min
Blade Size	3280 x 0.9 x 27 mm	3280 x 0.9 x 27 mm
Coolant System	✔	✔
Cutting Capacity @ 90º		
●	Ø 254 mm	Ø 254 mm
■	127 x 457 mm	127 x 457 mm
Cutting Capacity @ 45º		
●	Ø 150 mm	Ø 150 mm
■	150 x 190 mm	150 x 190 mm
Net Weight	310 kg	310 kg
Gross Weight	385 kg	385 kg
Packaged Dimensions	1830 x 830 x 1150 mm	1830 x 830 x 1150 mm
Barcode Number	5012713015994	5012713015979

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 8” Swivel Head Pull-Down Metal Cutting Bandsaw ITEM NO: 01520
SIP 10” Swivel Head Pull-Down Metal Cutting Bandsaw ITEM NO: 01524

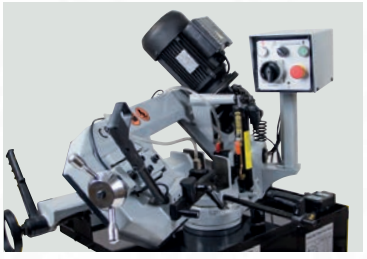
The 8” & 10” Swivel Pull-Down Bandsaws are mounted gearbox-driven bandsaws with integrated manual pull-down and automatic feed. The coolant system and cast iron construction make them reliable.

Key Features:

- Gearbox-driven pull-down bandsaw
- Quick release vice and material stop
- Coolant pump system to keep cool
- Heavy-duty cast iron construction
- Integrated bandsaw limit switch



Coolant pump



Swivel head



Adjustable vice



1.5 HP (1.1kW) Heavy-duty Motor

SPECIFICATIONS

MODEL	SIP 8” SWIVEL HEAD PULL-DOWN METAL CUTTING BANDSAW	SIP 10” SWIVEL HEAD PULL-DOWN METAL CUTTING BANDSAW
PRODUCT CODE	01520	01524
Input Supply	230 V (13 A)	230 V (13 A)
Swivel	✔	✔
Motor Power	1.5 HP (1.1 kW)	1.5 HP (1.1 kW)
Drive	GEARBOX	GEARBOX
Blade Speed	80 mtr/min	72 mtr/min
Blade Size	2085 x 0.9 x 20 mm	2455 x 0.9 x 27 mm
Coolant System	✔	✔
Cutting Capacity @ 90º		
●	Ø 170 mm	Ø 227 mm
■	170 x 200 mm	110 x 260 mm
Cutting Capacity @ 60º		
●	Ø 70 mm	Ø 90 mm
■	60 x 60 mm	85 x 85 mm
Cutting Capacity @ 45º		
●	Ø 120 mm	Ø 150 mm
■	110 x 110 mm	150 x 125 mm
Net Weight	170 kg	190 kg
Gross Weight	202 kg	263 kg
Packaged Dimensions	1250 x 720 x 1000 mm	1460 x 720 x 1100 mm
Barcode Number	5012713015205	5012713015245

SIP 10” Industrial Circular Saw ITEM NO: 01554

The 10” Industrial Circular Saw from SIP is designed for easy cutting of ferrous metals and runs from a 230v 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
- Complete with stand and blade

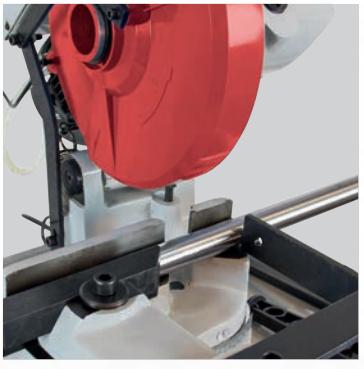


2 HP (1.5kW) Heavy-duty Motor

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 mm
Coolant System	✔
Cutting Capacity @ 90º	
●	Ø 60 mm
▬	75 x 45 mm
■	55 x 55 mm
L	55 x 55 mm
Cutting Capacity @ 45º	
●	Ø 55 mm
▬	55 x 45 mm
■	50 x 50 mm
L	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 3-phase 12” Industrial Circular Saw has a powerful dual speed motor which gives ultimate performance, delivering smooth and reliable cuts on ferrous metals.

It’s 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 workpiece 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 (18 rpm / 36 rpm)
- Designed for cutting ferrous metals
- Cast iron machine head and base
- Twin vices centralise the workpiece
- Built in coolant system for cut lubrication
- Complete with stand and blade

2 HP (1.5kW) Heavy-duty Motor

2 Speeds

3 Phase



Twin vice - centralises the workpiece



Clear control with NVR switch



SPECIFICATIONS

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 mm
Coolant System	✔
Cutting Capacity @ 90°	
●	Ø 100 mm
■	140 x 90 mm
■	100 x 100 mm
L	100 x 100 mm
Cutting Capacity @ 45°	
●	Ø 100 mm
■	100 x 90 mm
■	90 x 90 mm
L	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

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. Ideal for fast-sharpening of workshop and 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



07546 ▶



07557 ▶



07576 ▶


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	Ø 150 x 20 x 12.7 mm	Ø 200 x 20 x 16 mm	Ø 150 x 20 x 12.7 mm - DRY Ø 200 x 40 x 20 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	5012137075768

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 yet powerful and are specifically designed to comfortably work with various metals.



07628 ▶



07625 ▶



Wire wheel included



Wire wheel included



07645 ▶



NVR switch for added safety



1 coarse and 1 medium grinding wheel included

NVR SWITCH

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	Ø 150 x 25 x 12.7 mm	Ø 200 x 25 x 15.8 mm	Ø 250 x 25 x 20 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

SPECIFICATIONS

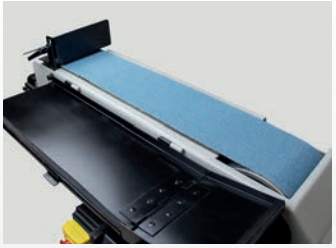
SIP 3” Heavy-Duty Belt Linisher ITEM NO: 01948
SIP 6” Heavy-Duty Belt Linisher ITEM NO: 01949

SIP 3” & 6” Belt Linishers have a heavy-duty construction, featuring a steel bed with versatile tilting table, plus a steel support pedestal, customisable belt alignment and front wheel access.

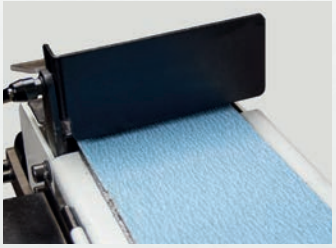
Key Features:

- Durable steel bed with tilting table
- Supplied with strong steel pedestal
- Accurate belt alignment adjustment
- Top platen access and platen stop
- Full access to front contact wheel
- Supplied with the abrasive belt
- Grinding support bracket





Abrasive belt included



Grinding support bracket

3 PHASE SUPPLY

MODEL	SIP 3" HEAVY-DUTY BELT LINISHER	SIP 6" HEAVY-DUTY BELT LINISHER
PRODUCT CODE	01948	01949
Input Supply	400 V - 3 ph	400 V - 3 ph
Motor Power	4 HP (3 kW)	4 HP (3 kW)
Belt Size	2000 x 75 mm	2000 x 150 mm
Belt Speed	34 m/sec	34 m/sec
Flat Grinding	530 mm	530 mm
Contact Wheel	200 x 75 mm	200 x 150 mm
Steering Roller	225 x 75 mm	225 x 150 mm
Working Height	475 to 1240 mm	475 to 1240 mm
Weight	75 kg	100 kg
Packaged Dimensions	1150 x 570 x 570 mm	1150 x 650 x 650 mm
Barcode Number	5012713019489	5012713019496

SPECIFICATIONS

SIP 1200 Heavy-Duty Magnetic Drill - 110 V ITEM NO: 06181
SIP 1200 Heavy-Duty Magnetic Drill - 230 V ITEM NO: 06182

SIP Magnetic Drills are heavy-duty units that feature powerful electromagnets - with 1300N of adhesion - and are capable of drilling between 12 and 40mm, and up to 50mm full depth.

Key Features:

- Powerful 1200w (1.6hp) motor
- Lightweight - only 13.3kg!





Powerful 1800 N electromagnet





SIP MAG Drill HSS Cutter Set

Item No.	DESCRIPTION	Barcode Number
06187	7 Piece Set • 12, 14, 16, 18, 20, 22 mm cutting bits • 1x pilot pin Supplied in plastic storage case.	5012713061877

230 V SUPPLY

110 V SUPPLY

MODEL	SIP 1200 MAGNETIC DRILL	SIP 1200 MAGNETIC DRILL
PRODUCT CODE	06181	06182
Input Supply	110 V ~ 50 Hz	230 V ~ 50 Hz
Motor Power	1.6 HP (1.2 kW)	1.6 HP (1.2 kW)
No load Speed	595 rpm	595 rpm
Maximum Cutter Capacity Ø	12 to 40 mm	12 to 40 mm
Maximum Cutter Depth	50 mm	50 mm
Standard Drill Bit Size	1.5 to 13 mm	1.5 to 13 mm
Arbor	19 mm Weldon Shank	19 mm Weldon Shank
Electro-Magnet Adhesion Level	1300 N	1300 N
Base Size	50 x 80 x 160 mm	50 x 80 x 160 mm
Net Weight	13.5 kg	13.5 kg
Gross Weight	18 kg	18 kg
Packaged Dimensions	572 x 172 x 457 mm	572 x 172 x 457 mm
Barcode Number	5012713061815	5012713061822

SIP Bench & Floor Standing Pillar Drills

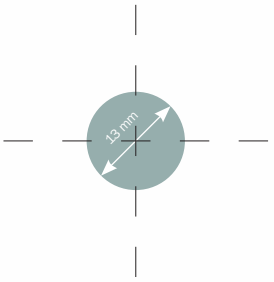
PRODUCT VIDEO

The SIP range of bench and floor standing pillar drills, are suited to drilling both hard and soft woods as well as metals and plastics within the manufacturing and engineering environments and offer a wide range of features including:-

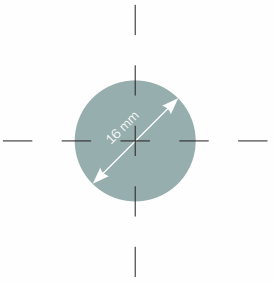
- Quick and easy motor speed adjustment • NVR switch • Chuck guards
- Sturdy cast iron table and base • One piece soft grip handles*
- Quality motors with 2 year warranty and thermal protection

2 YEAR MOTOR WARRANTY

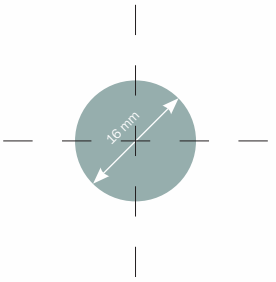
*Not included on 01700 & 01701



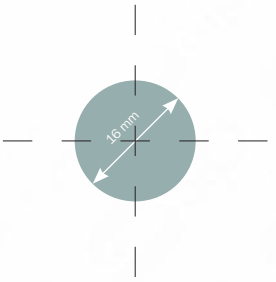
DRILLING CAPACITY (MILD STEEL)



DRILLING CAPACITY (MILD STEEL)



DRILLING CAPACITY (MILD STEEL)



DRILLING CAPACITY (MILD STEEL)



01700 ▶



01701 ▶

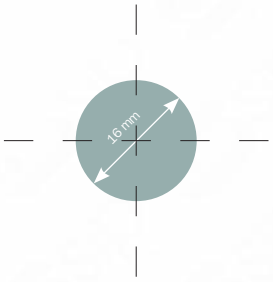


01702 ▶

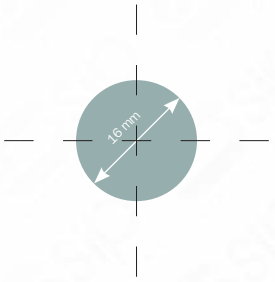


01703 ▶

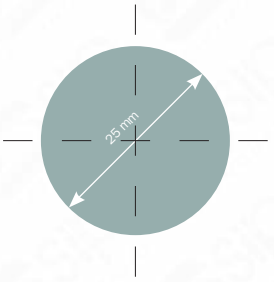
MODEL	SIP B13-13	SIP B16-12	SIP B16-16	SIP B20-16	SIP F16-16	SIP F20-16	SIP F28-20
ITEM NO.	01700	01701	01702	01703	01704	01705	01706
Type	Bench	Bench	Bench	Bench	Floor	Floor	Floor
Supply	230 V (13 amp)	230 V (13 amp)	230 V (13 amp)	230 V (13 amp)	230 V (13 amp)	230 V (13 amp)	230 V (13 amp)
Motor	350 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. Distance Chuck to Table	220 mm	405 mm	450 mm	405 mm	725 mm	682 mm	687 mm
Max. Distance 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 (HxWxL)	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



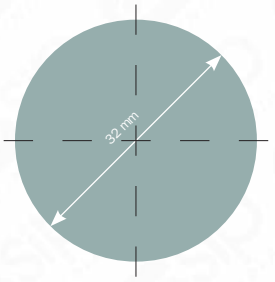
DRILLING CAPACITY (MILD STEEL)



DRILLING CAPACITY (MILD STEEL)



DRILLING CAPACITY (MILD STEEL)



DRILLING CAPACITY (MILD STEEL)



01704 ▶



01705 ▶



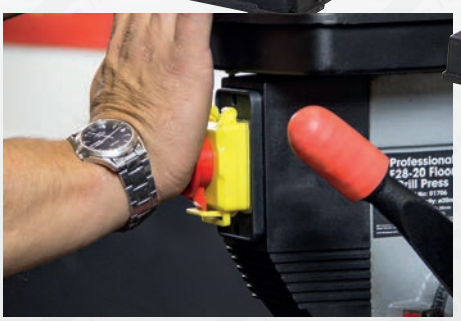
01706 ▶



01707 / 01708 ▶

SIP F32-20	SIP F32-20 (3PH)
01707	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

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



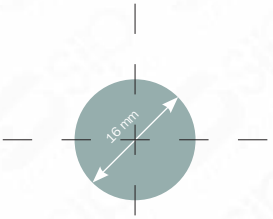
LCD digital speed display

2 YEAR MOTOR WARRANTY

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. Distance Chuck to Table	315 mm	620 mm
Max. Distance 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



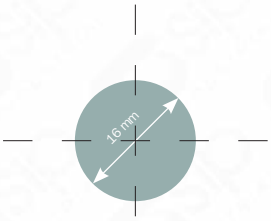
Don't forget **ACCESSORIES & CONSUMABLES**
See page 56



DRILLING CAPACITY
(MILD STEEL)



01535 ▶



DRILLING CAPACITY
(MILD STEEL)



01533 ▶

SIP Chuck Guards

Replacement guards for use on SIP bench and floor pillar drills.





66609



07662



07664

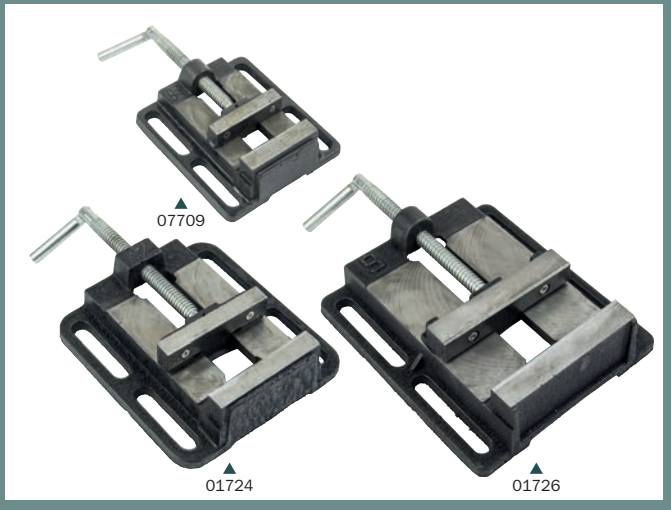


68328

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.



07709

01724

01726

ITEM NO.	DESCRIPTION	JAW WIDTH	JAW OPENING	BARCODE NUMBER
07709	3" Drill Vice	80 mm	83 mm	5012713077090
01724	5" Drill Vice	100 mm	100 mm	5012713017249
01726	6" Drill Vice	148 mm	148 mm	5012713017263

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
- Flexible metal nozzle for precise coverage
- Sturdy tough steel construction



Barcode Number: 5012713066869

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



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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)
Metres (m)	100	Centimetre (cm)
	3.281	Feet (ft)
	39.37	Inches (in.)
	1.094	Yards (yd)
Millimetres (mm)	0.1	Centimetres (cm)
	0.039	Inches (in)
	0.001	Metres (m)
Pounds (lb)	0.454	Kilograms (kg)
Kilograms (kg)	2.205	Pounds (lb)

SIP (INDUSTRIAL PRODUCTS) **LIMITED**
Gelders Hall Road, Shepshed, Loughbrorough, Leicestershire LE12 9NH UK

www.sip-group.com

GENERAL ENQUIRIES
Tel: 01509 500300
Fax: 01509 503154

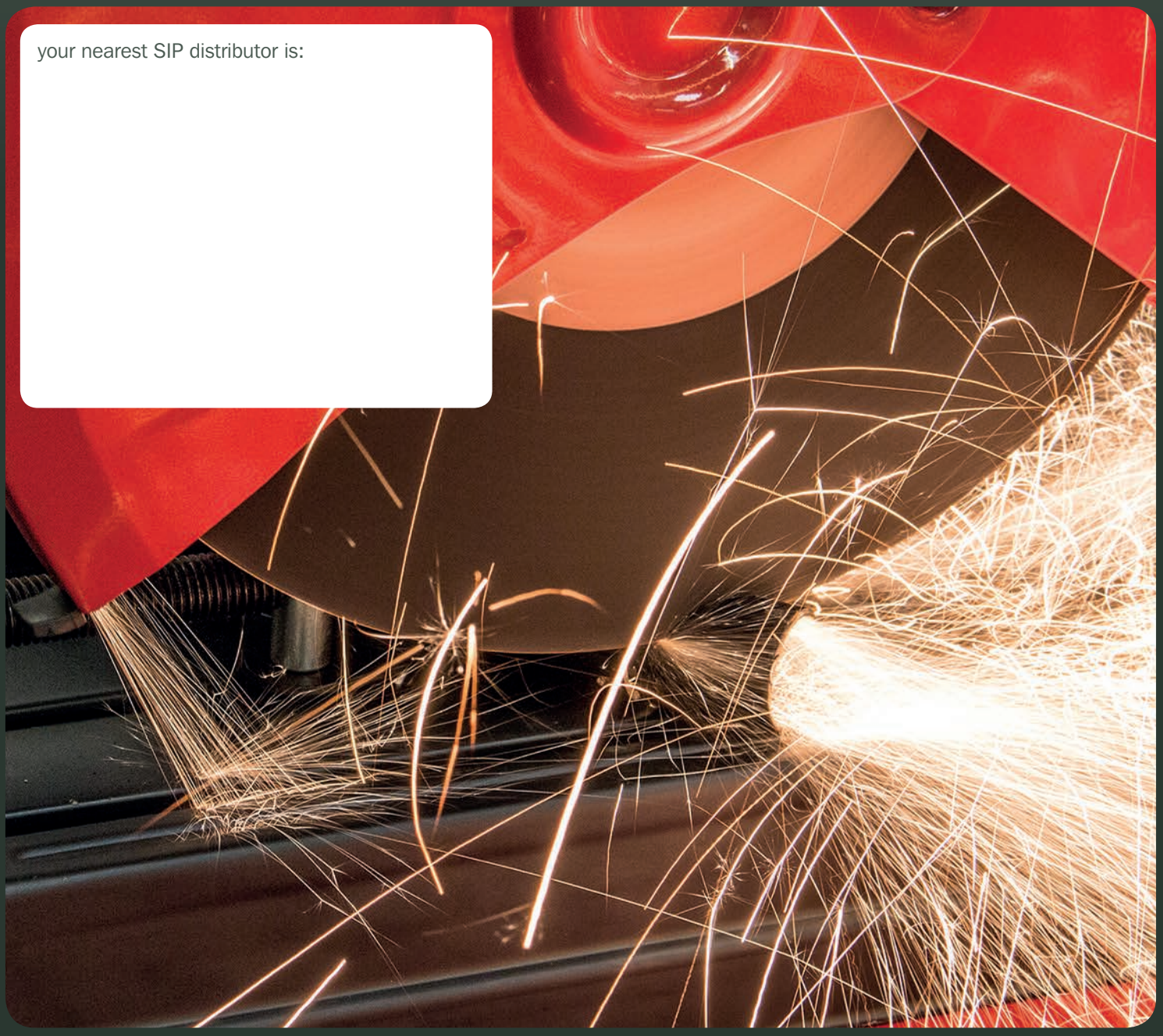
TECHNICAL / AFTER-SALES SERVICE
Tel: 01509 500400
Fax: 01509 500456
Email: technical@sip-group.com

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

EXPORT
Tel: +44 (0)1509 500321
Fax: +44 (0)1509 500333
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