



WELDING & ENGINEERING SUPPLIES 2012

WELDING & CUTTING

GAS EQUIPMENT

WIRE & ELECTRODES

ABRASIVES

POWER TOOLS

ENGINEERING CONSUMABLES

COMPRESSORS & AIR TOOLS

CLEANING

SITE & SAFETY

CURTAINS & EXTRACTION

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www.elmbridgehereford.co.uk

Since
1976



Thank you for taking this opportunity to view our first Welding & Engineering Catalogue. We are a family owned & managed business operating in the industrial sector. Established in 1976 we have over 30 years experience in this field. Within our company we have three main sections in which we specialise:-

- Welding & Engineering equipment, supplies & service
- Industrial Hand & Power tools & Abrasive systems
- Commercial Cleaning equipment & supplies & Compressors

We compliment these areas of our business with separate catalogues and information packages. Also with our website, customers will be able to view products and place orders online. At our premises in Hereford we stock a extensive range of equipment and accessories ready to serve customers throughout the whole country. We have the facilities to demonstrate equipment with our in house workshop.

OPENING HOURS

We have a trade counter stocking & displaying a comprehensive range of equipment and accessories. This is open to the trade and public from 7.00am to 4.30pm Monday to Friday.

Our sales order Hotline is open from 7.00am to 5.00pm Monday to Friday

DELIVERY OPTIONS

- Next day delivery on most orders received before 3.00pm
- Carriage may be applicable depending on delivery address & order value.
- We can deliver to any location across Europe by using an independent courier. Please call for services & prices.



Your Local, National Supplier of
WELDING AND ENGINEERING SUPPLIES
INDUSTRIAL TOOLS AND ABRASIVE SYSTEMS
COMPRESSORS AND CLEANING EQUIPMENT

WELDING & ENGINEERING SUPPLIES

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For sales or product information call today on
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THERMALARC 175SE

The Thermal Arc 175 is an affordable & reliable 240v Inverter. It comes in a carry case and leads, also 2 years warranty.



BEST SELLER

Arcmaster 175se	
Power Output	5-175AMP
Duty Cycle	20% @ 175A
Input Voltage	240V 16A
Electrode Range	1.6-4.0mm
Dimensions	230x130x330
Weight	6.5kg

R-TECH MMA140

The R-Tech 140 is a 240v Portable Inverter Stick Welder. It is supplied in a carry case with leads. Comes with a 2 year warranty.



R-Tech Mma140	
Power Output	5-140AMP
Duty Cycle	35% @ 140A
Input Voltage	240V 16A
Electrode Range	1.6-3.2mm
Dimensions	290x130x210
Weight	5.5kg

R-TECH MMA160 32AMP

The R-Tech 160 is a heavy duty Inverter Stick Welder, suitable for up to 4.0mm electrodes. Supplied with welding cables. 2 year warranty.



R-Tech Mma160	
Power Output	5-160AMP
Duty Cycle	60% @ 160A
Input Voltage	240V 26A
Electrode Range	1.6-4.0mm
Dimensions	425x195x310
Weight	14kg

XCALIBUR GM1600 DUAL VOLTAGE

The GM1600 is an ideal site Dual Voltage Inverter Welder. It utilises PFC technology which ensures the use of the machine on engine driven generators. 1 year warranty.



Xcalibur Gm1600	
Power Output	5-160AMP
Duty Cycle	40% @ 160A
Input Voltage	DUAL VOLTAGE
Electrode Range	1.6-4.0mm
Dimensions	400x140x230
Weight	7.8kg

LINCOLN INVERTEC RANGE

The Lincoln Invertec Range is a small, powerful & robust range of Inverter Stick Welders. The 135 is supplied with cables. 2 year warranty.



Lincoln Invertec	135s	150s	170s
Power Output	5-140AMP	10-140A	10-150A
Duty Cycle	35% @ 140A	30% @ 140A	35% @ 160A
Input Voltage	240V 16A	240V 16A	240V 16A
Electrode Range	1.6-3.2mm	1.5-3.2mm	1.5-4.0mm
Dimensions	290x130x210	244x148x365	244x148x365
Weight	5.5kg	6.7kg	7.0kg

THE HANDY SERIES

Compact, robust, powerful. Ideal for workshop & construction.

The Lorch Handy Series. A true light weight for your shoulders - but also, a genuine power package as it regards quality and welding characteristics. Comes with a 3 year warranty.



Lorch Handy Series	H140	H150	H160	H180	H200
Power Output	5-140A	5-140A	5-150A	5-150A	10-200A
Duty Cycle	30% @140A	45% @140A	40% @150A	40% @150A	30% @200A
Input Voltage	230V 16A	230V 16A	230V 16A	230V 16A	400V 16A
Electrode Range	1.5-3.25mm	1.5-3.25mm	1.5-4.0mm	1.5-4.0mm	1.5-5.0mm
Dimensions	337x130x211	337x130x211	337x130x211	337x130x211	337x130x211
Weight	4.6kg	5.2kg	5.3kg	5.7kg	5.8kg

THE X SERIES

Built for extreme use, extra powerful for large electrodes, excellent for CEL due to MICOR technology.

Absolute performance for just one goal: delivering optimum welding results even in the most demanding environments.

X Series	
Power Output	10-350A
Duty Cycle	35% @350A
Input Voltage	400V 25A
Electrode Range	1.5-8.0mm
Dimensions	500x185x385
Weight	17.5/18.0kg



MOSA TS SERIES

The TS Series of MOSA welder-generators covers the general purpose range of welding requirements from 200amps up to 400amps DC welding current. In common with all MOSA welder - generators the TS series provide abundant single and three phase auxiliary AC power up to 20,000 watts (16kva) for operation of any type of electrical equipment such as power tools, mains powered welding & cutting machines, lights etc.

Electronic welding current control is standard on all models with the suffix "EL". This not only makes it easier to weld with electronic variable amperage control but also permits the use of AC auxiliary power whilst welding. All "EL" models have the facility to connect a 20 metre remote welding control and all "EL" models also feature Arc Force Control ("Electrode Dig Force").

Mosa Ts Series	Ts 200 Bs/El	Ts 200 Des/Cf	Ts 300 Diamond
Power Output	20-190A	20-190A	20-300A
Duty Cycle	60% @ 170A	60% @ 160A	60% @ 300A
Input Voltage	PETROL	DIESEL	DIESEL
Electrode Range	2-3.25mm	2-4.0mm	2-6.0mm
Dimensions	870x525x592	900x550x622	1320x790x750
Weight	105kg	131kg	350kg



MOSA MAGICWELD 150 MKII

The Magicweld 150 MKII with Mosa Power Optimiser Technology to provide 150amps of welding current @ 60% Duty Cycle plus open circuit welding of 65 volts DC for welding rutile, basic & cellulose electrode up to 3.25mm.

1.5KW of 110v auxiliary power is available for electric power tools, lighting etc. The entire machine weighs only 35kg and is powered by a Honda petrol engine fitted with "power on demand" auto idle control to reduce fuel consumption and engine wear.



Mosa Magicweld 150 Mkii	
Power Output	30-150A
Duty Cycle	60% @ 150A
Engine Type	PETROL
Electrode Range	2-3.25mm
Dimensions	420x360x480
Weight	35kg

MOSA WF4 CC/CV WIRE FEED UNIT

The Mosa WF4 is a semi-automatic wire feed unit designed for use with Mosa CC/CV & DSP Welder Generators.

Connection is via the 42v front panel socket which automatically transfers welding parameter adjustment to the WF4 wire feed unit.



Mosa Wf4 Cc/Cv Wire Feed Unit	
Power Output	42V
Duty Cycle	-
Engine Type	-
Wire Size	0.6-2.4mm
Dimensions	570x275x400
Weight	17kg



**TURN TO PAGES
44-58 FOR
WELDING
RODS &
WIRES**

LINCOLN RANGER 305D 300A DC Diesel Engine Driven Welders.

The Ranger 305D CE is a powerful 300amp DC multi-process diesel engine driven welder. It provides excellent arc characteristics in Stick (Conventional or Pipe), TIG, MIG or Arc Gouging. The ranger is totally enclosed to protecting the 45 litre fuel tank, water cooled Kubota 18.8 HP D722 Diesel Engine.

Lincoln Ranger 305d	
Power Output	40-300A
Duty Cycle	100% @250A
Engine Type	Kubota D722 Diesel
Electrode Range	2.0-6.0mm
Dimensions	909x546x1327
Weight	341kg



LINCOLN VANTAGE 400 CE & 500 CE Compact, multi-process, excellent value.

The Vantage 400CE and 500 CE are one of the most compact and powerful engine-driven welder/generators in the construction, pipe or rental fleet market today. They are also the quietest, with a smooth running 4-cylinder Perkins water-cooled diesel engine.



Lincoln Vantage	400 Ce	500 Ce
Power Output	30-400A	30-500A
Duty Cycle	100% @ 350A	100% @ 400A
Engine Type	Diesel Perkins 404D-22	Diesel Perkins 404D-22T
Electrode Range	2.0-8.0mm	2.0-8.0mm
Dimensions	913x642x1524	913x687x1590
Weight	560kg	586kg

LINCOLN LN-25 PRO & DUAL PRO Portable construction wire feeder.

Built upon on tradition and success of the LN-25, the new LN-25 PRO is designed to be simple, reliable and easy to service. This machine is ideal for field construction and fabrication, shipyards and rental companies. The MAXTRAC wire drive enhances performance while the replacement case and many other upgrade options - can be installed in less than five minutes.

Lincoln Ln-25 Pro & Dual Pro	
Power Output	Options
Duty Cycle	-
Engine Type	-
Wire Size	0.6-2.0mm
Dimensions	381x221x589
Weight	16kg



STEPHILL RANGE OF WELDER GENERATORS AND GENERATORS ALSO AVAILABLE
PLEASE CONTACT FOR MORE INFORMATION!

Accessories

PLUGS & SOCKETS



Panel Plugs	Code	Cable Plugs	Code
35-50	161-1067	10-25	161-001
50-70	161-1067	35-50	161-004
70-95	161-1067	70-95	161-007

Panel Sockets	Code	Cable Sockets	Code
10-25	161-003	10-25	161-002
35-50	161-006	35-50	161-005
70-95	161-009	70-95	161-008

WELDING CABLES* & LUGS

Black Single Insulated Cable.	Coil Size	Code	Cable Lugs (Hammer On)	Code
16mm ²	100 Mtrs	160-001	35mm Hammer On Lug	162-009
25mm ²	100 Mtrs	160-002	70mm Hammer On Lug	162-010
35mm ²	100 Mtrs	160-003	95mm Hammer On Lug	162-011
50mm ²	100 Mtrs	160-004	Cable Lugs (Crimp On)	Code
70mm ²	50 Mtrs	160-005	16mm Crimp On Lug	162-001
95mm ²	50 Mtrs	160-1011	25mm Crimp On Lug	162-25-8
120mm ²	50 Mtrs	160-1012	35mm Crimp On Lug	162-002
Orange Double Insulated Cable.	Coil Size	Code	50mm Crimp On Lug	162-004
16mm ² D.I.	100 Mtrs	160-1000	70mm Crimp On Lug	162-006
25mm ² D.I.	100 Mtrs	160-1001	Cable Lugs (Re-usable)	Code
35mm ² D.I.	100 Mtrs	160-1002	35mm Re-Usable Lug	162-007
50mm ² D.I.	100 Mtrs	160-1003	50mm Re-Usable Lug	162-008
70mm ² D.I.	50 Mtrs	160-1004	70mm Re-Usable Lug	162-010215
95mm ² D.I.	50 Mtrs	160-1005		

* Amperage based on current rating calculated with 60% intermittance in 30°C ambient temperature and maximum conductor temperature of 70°C



CABLE SETS

200A-600A Complete Sets.

Containing European made electrode holder. 25mm, 35mm, 50mm & 75mm cable available. All sets made to customers requests.



**CUSTOM CABLE SETS
BUILT TO ORDER,
PLEASE CALL FOR DETAILS
01432 346190**

HOLDERS & CLAMPS

Electrode Holders	Code
400a Twist Type Yellow Handle	164-004
600a Twist Type Yellow Handle	164-005
600 Amp Myking Electrode Holder	164-006
Crocodile Type Electrode Holders	Code
300a Optimum Style Crocodile Type	164-1025
400a Optimum Style Crocodile Type	164-0700605378
Crocodile Earth Clamps	Code
200a Crocodile Earth Clamp	164-001
400a Crocodile Earth Clamp	164-002
Screw Type Earth Clamps	Code
600a Screw Type Earth Clamp	164-003



CARBON ARC GOUGING TORCHES

An electric arc is generated between the tip of a carbon electrode and the workpiece. The metal becomes molten and a high velocity air jet streams down the electrode to blow it away leaving a clean groove. The process is simple to apply, has a high metal removal rate and gouge profile can be closely controlled. Typical applications include back gouging, removal of surface and internal defects, removal of excess weld metal and preparation of bevel edge for welding.

Carbon Arc Gouging Torches	
Part No:	SPK4000
Max Amps:	1000
Swivel Cable:	360°
Angle Head:	15°
Carbon Range:	4mm-13mm
Pressure:	80 psi



**GOUGING RODS
ALSO AVAILABLE.**





CRIMPING HAMMERS

Crimping Hammers	Description	Code
Spring Handle Chipping Hammer	Strong, solid construction with spring handle to provide a good grip and reduce resonance. Head includes a chisel end and point.	165-202
Green Handle Chipping Hammer	A lightweight, reliable design with long handle & double ended chipping head. Features a chisel end and a pointed tip to efficiently remove slag created when welding.	165-201
Wooden Handle Chipping Hammer	The original and most popular model chipping hammer. With a solid wood handle and a double-ended chipping head.	165-200



WIRE BRUSHES

Wire Brushes	Code
Stainless Steel 4 Row	163-003
Stainless Steel 3 Row	163-002
Stainless Steel 2 Row	163-001
Mild Steel 4 Row	163-006
Mild Steel 3 Row	163-005
Mild Steel 2 Row	163-004



SPID BRUSHES

Wire Brushes	Code
Mild Steel	513-001
Stainless Steel	513-003
Brass	513-002

METAL WORKING SPRAYS

Crack Detectors	Code
Crack Detector Penetrant - 400ml	178-003
Crack Detector Developer - 400ml	178-001
Crack Detector Cleaner - 400ml	178-002
Leak Detector Spray - 400ml	569-100
Tapping & Cutting Oil - 300ml	520-103
Galvanising Spray - 400ml	9803-0807



WELDING CURTAINS & BLANKETS
ON PAGE 132

METAL MARKING PRODUCTS

Metal Marking Products & Temperature Sticks	Code
Artline 400XF - Black	177-002
Artline 400XF - White	177-001
Artline 400XF - Yellow	177-003
Bottle Markers - White	177-402
Bottle Markers - Red	177-400
Bottle Markers - Yellow	177-401
Flat French Chalk - Box 144	166-001
Flat French Chalk Holder	166-002
Tempil Temperature Sticks - Box 10	177-TS



Ovens & Quivers



DIGITAL HEAT THERMOMETER 850C

A Digital Thermometer with laser targeting and temperature detection via infra-red. Operated by trigger control.

Code
895-TTFX850C

Ideal for pre-heating, inter-pass temperature measurement and controlled cooling tasks. Can be used with practically all solid surfaces and is battery operated with an LCD screen.

CAM TYPE WELDING GAUGE

Cam Type Gauge Set with Pouch

Code
152-ET0031

A Stainless Steel Gauge for measuring weld preparations and completed butt & fill welds, angle of preparation, excess weld material, fillet leg length & throw size. c/w Pouch.



FILLET GAUGES

Fillet Gauge Set with Pouch

Code
165-300

Stainless Steel fillet Gauge set for measuring a range of fillet weld dimensions in imperial and metric units. c/w Pouch



300°C Portable Oven 110/240 Volt

Internal Dimensions: 115x480x115mm

The portable drying oven is designed to operate in rugged site conditions.

Thermostatically controlled temperature range of 100-300°C
Capacity: 13.6kgs



500°C Oven - 110 Volt

Internal Dimensions: 425x455x155mm

The high temperature baking oven is robustly constructed.

Solid state controls give accurate temperature control over a range of 0-500°C
Capacity: 136kgs



Quiver - Dual Voltage 110/240 Volt

Overall Dimensions: 120x500x110mm

The heated electrode quiver is designed for use on installations with a 110 or 240v supply - ideal for site work.

The quiver will maintain an even temperature of 100°C
Capacity: 9kgs



300°C Oven - Dual Voltage

Internal Dimensions: 465x480x465mm

The stationary drying oven is robustly made.

Thermostatically controlled temperature range of 100-300°C
Capacity: 136kgs



LORCH M-PRO SERIES

Mig-Mag perfection for every workshop. For mixed gas and also for CO₂. The Lorch M-Pro shows itself as a true all-rounder for sheet metal and from medium to heavy steel work. The high quality system is impressive with excellent welding characteristics, a robust case, optimal operator ergonomics and the practically oriented "3 steps to weld" operating concept.

Lorch M-Pro	M-Pro210	M-Pro250	M-Pro300
Power Output	25-210A	30-250A	30-300A
Duty Cycle	25% @ 210A	30% @ 250A	30% @ 300A
Input Voltage	230V 16A	240V 16A	400V 16A
Wire Size	0.6-1.0mm	0.6-1.0mm	0.6-1.2mm
Dimensions	880x400x755	880x400x755	880x400x755
Weight	69kg	71kg	80kg



M-PRO210

M-PRO250

M-PRO300

LORCH M3000 SERIES

Your partner for heavy steel work as well. Robust and powerful.

The machine handles thick & thin. Convincing as a compact system with integrated feeder or with separate wire feeder case. The M3000 is a real working machine. With the robust housing and 4 roller precision wire feeder it seems to be created for the one purpose: the demanding universal use in metalworking. Available as compact or separate wire feed case.

Lorch M3000 Series	
Power Output	30-400a
Duty Cycle	30% @ 400a
Engine Type	400V 25A
Electrode Range	0.6-1.6mm
Dimensions	945x425x720
Weight	126kg



LORCH P SERIES

Available with SpeedArc. MIG-MAG was never stronger.

There are certainly many infinitely variable MIG-MAG systems, but very few, if any have such inverter technology. This is what makes the crucial difference. It is as if Lorch have reinvented MIG-MAG. They offer an incredibly stable and easy to control arc across the complete current range. The P is available in two versions: P basic and P synergic.

Lorch P Series	P3000 M	P3500*	P4500*	P5500*
Power Output	25-300A	25-350A	25-450A	25-550A
Duty Cycle	65% @ 300A	50% @ 350A	50% @ 450A	50% @ 550A
Input Voltage	400V 16A	400V 16A	400V 32A	400V 35A
Wire Size	0.6-1.2mm	0.6-1.2mm	0.6-1.6mm	0.6-1.6mm
Dimensions	812x340x518	1116x463x812	1116x463x812	1116x463x812
Weight	34kg	92.8kg	97.3kg	107.3kg

* These machines are available as Compact, Drivable & Separate Wire Feed Drivable Units.

The Benefits of SpeedArc

SpeedArc is faster

NEW: The SpeedArc is more focused, has higher energy density and in this way a higher arc pressure point for the weld pool. This makes MIG-MAG welding up to 30% faster. Even up to 15mm thick plates can be welded in just one layer.

SpeedArc for the narrow joints

The concentrated stable arc of the SpeedArc can also be controlled with a long 'stick-out', for welding in narrow joints.

SpeedArc saves materials

The need for large weld prep angles is also in the past. 60° are no longer necessary, 40° are enough for the P Synergic. Less material - less time - less costs.

SpeedArc is clearly stronger

With the SpeedArc of the P synergic, the penetration depth in the base material is significantly greater than for normal MIG-MAG systems.



MIG TORCHES & SPARES
CAN BE FOUND ON PAGE 18 - 19

LORCH S SERIES

The S Series provides MIG-MAG standard pulsing with industrial perfection. The benefits are impressive: Virtually spatter-free, controlled metal transfer to the workpiece, optimum weld pool control and impressive seam appearance. Many hours of rework are simply eliminated. The secret for this is in the super fast regulation technology.

Lorch S Series	S3 Mobile	S3	S5
Power Output	25-320a	25-320a	25-400a
Duty Cycle	75% @ 320a	75% @ 320a	75% @ 400a
Input Voltage	16a 400v	16a 400v	32a 400v
Wire Size	0.6-1.2mm	0.6-1.2mm	0.6-1.6mm
Dimensions	812x340x518	1116x463x812	1116x463x812
Weight	34kg	92.8kg	97.3kg

These machines are available as Compact, Drivable & Separate Wire Feed Drivable Units.

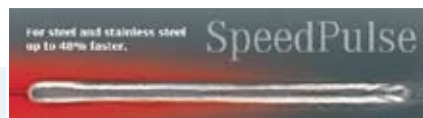
Available as Air Cooled or Water Cooled.



Conventional vertical weld xmas tree



Virtually twice as fast Lorch SpeedUp



LORCH S-SPEEDPULSE SERIES

For steel and stainless steel upto 48% faster. Speedpulse - an invention by Lorch.

The S-SpeedPulse does not make any compromises. It only knows one objective: A perfect, productive weld seam. To achieve this it combines the speed benefits of the spray arc with the application and quality benefits of the pulsed arc.

Lorch S-Speedpulse Series	S3 Mobile	S3	S5	S8
Power Output	25-320a	25-320a	25-400a	25-500a
Duty Cycle	75% @ 320a	75% @ 320a	75% @ 400a	100% @ 500a
Input Voltage	16a 400v	16a 400v	32a 400v	35a 400v
Wire Size	0.6 - 1.2mm	0.6 - 1.2mm	0.6 - 1.6mm	0.6 - 1.6mm
Dimensions	812x340x518	1116x463x812	1116x463x812	1116x463x812
Weight	34kg	92.8kg	97.3kg	107.3kg

These machines are available as Compact, Drivable & Separate Wire Feed Drivable Units. Available as Air Cooled or Water Cooled.

WELDING GAUNTLETS
CAN BE FOUND ON PAGE 129



LINCOLN POWERTEC 191C MIG The Professionals Choice

The Powertec 161C, 191C, 231C and 271C are a range of machines designed to provide a variety of welding outputs, suitable for operation from a single-phase mains supply.

Lincoln Powertec 191c Mig	
Power Output	30-180a
Duty Cycle	180A @ 20%
Engine Type	230V
Wire Size	0.6mm - 1.0mm
Dimensions	765x427x850
Weight	70kg



LINCOLN POWERTEC 205C MIG

The Powertec 205C is an ideal machine for welding of thin sheet metal. With excellent arc and starting characteristics this machine allows welding projects to be completed efficiently, quickly and professionally with minimal spatter levels.

Also available in this range are 250 to 500 amp Compact and Separate Wire Feed Machines. Please ask for further details.

Lincoln Powertec 205c	
Power Output	25-200A
Duty Cycle	60% @ 150A
Engine Type	415V
Wire Size	0.6mm - 1.0mm
Dimensions	765x427x850
Weight	74kg

CEBORA BRAVO COMBI 2540/T MIG

The Cebora Bravo MIG range is the result of a new concept of product engineering adopted by Cebora: a "Product Family Look" combined with a standardisation of strategic components such as, for example, the control circuit, which is the same for all models in the range. In the Cebora tradition, these are extremely reliable power sources that are suitable for use in the automotive industry for medium-light welding applications.

Also available in this range are 200 to 400amp machines in standard and synergic. Please ask for further details.

Lincoln Powertec 191c Mig	
Power Output	15-250A
Duty Cycle	200a @ 40%
Engine Type	400v
Wire Size	0.6mm - 1.0mm
Dimensions	542x915x795
Weight	76kg



XCALIBUR - EUROSTAR

The Eurostar machines are a range of step voltage controlled compact design power sources.

Built to exacting standards the Eurostar range offer the quality and rugged reliability expected in the automotive repair, maintenance and light industrial fields.

They are designed for welding steel, stainless steel, aluminium and they can also be used for MIG brazing. Eurostar will take 5 or 15kg reel size and run a range of wire diameters from 0.6mm up to 1.0mm on the 275 machine. The units are fitted with industrial quality components, fan cooled and equipped with thermal overload protection.

X Calibur Series	Es 150	Es 200	Es 225	Es 275	Es 318
Power Output	30-150A	30-200A	30-225A	40-275A	30-300A
Duty Cycle	35% @ 115A	20% @ 180A	20% @ 190A	20% @ 250A	30% @ 300A
Input Voltage	230V-50HZ	230V 50HZ	230V 50HZ	230V 50HZ	400V 50HZ
Wire Size	0.6mm - 0.8mm	0.6mm - 1.0mm	0.6mm - 1.0mm	0.6mm - 1.0mm	0.6mm - 1.2mm
Weight	20kg	40kg	41kg	64kg	85kg

R-TECH MIG WELDER RANGE

INV160:- Features industry leading Inverter technology, this portable MIG welder is ideal for people on the move. Powerful and accurate yet lightweight and robust.

I-MIG200:- Features industry leading inverter technology this MIG welder performs effortlessly all day long even in the most demanding environments.

C-MIG315:- Solid, robust and dependable. This MIG welder is built with the highest quality components giving unsurpassed levels of staying power and weld quality.

Lorch S Series	Inv160	I-Mig200	C-Mig315	C-Mig450
Power Output	30-160A	30-200A	30-315A	40-450A
Duty Cycle	115A @ 60%	155A @ 60%	200A @ 100%	450A @ 60%
Input Voltage	240V 13A	240V 19A	415V	415V
Wire Size	0.6mm - 0.8mm	0.6mm - 1.0mm	0.6mm - 1.0mm	0.8mm - 1.6mm
Dimensions	450x260x350	900x440x750	900x440x750	900x440x750
Weight	14kg	45kg	85kg	85kg



OXFORD COMPACT & SEPARATE MIG WELDER RANGE

The Oxford S-MIG range of MIG welding machines are built in Great Britain to the same high standards that Oxford machines are internationally renowned for. With a history dating back over 50 years, British made Oxford welding machines are known for simple rugged build, high reliability with a long life span and excellent welding performance.

Oxford Mig	270	330	410
Power Output	30-270	30-330A	40-410A
Duty Cycle	190A @ 60%	250A @ 60%	350A @ 60%
Input Voltage	240v or 415v	240v or 415v	240v or 415v
Wire Size	0.6-1.2mm	0.6-1.2mm	0.6-1.6mm
Weight	80kg	100kg	115kg



SECOND HAND MACHINES / HIRE / SERVICE

SECOND HAND EQUIPMENT

We hold a large stock of Second Hand Equipment. We will no doubt have the machine for you.

Please call for full Second Hand Equipment stock sheet.

SERVICING, CALIBRATIONS, VALIDATIONS AND GAS INSPECTIONS

From our fully Certified and Qualified engineers we can offer you a full servicing package on your machines, either in our workshop or at your preferred location. Calibrations, Validations and Gas inspections are also services our engineers offer.

Please call for further details and prices.



Genuine Binzel Mig Torches



ABICOR BINZEL is shaping the technological head start and dynamic improvement in the world of welding and cutting at all times. For almost every type of material, components and welding tasks ABICOR BINZEL offers the right torch for the job. Air or liquid cooled. For manual, semi or fully automated applications. Additionally substantial welding accessories and robot periphery systems.



MB 15

Aircooled Torch Package	
MB15 X 3mtr	100-001
MB15 X 4mtr	100-002
MB15 X 5mtr	100-0020451

Main Consumables	Code
MB15 Swanneck Complete	110-001
MB15 Tip Adaptor	110-003
MB15 shroud spring	110-002
MB15 Conical Shroud	110-007
MB15 Cylindrical Shroud	110-1450041
MB15 Tapered Shroud	110-1450123
MB15 0.6mm Contact Tip	110-004
MB15 0.8mm Contact Tip	110-005
MB15 1.0mm Contact Tip	110-006
MB15 1.2mm Contact Tip	110-1400387

SPECIAL 'A' TIPS AVAILABLE FOR ALUMINIUM



MB 25

Aircooled Torch Package	
MB25 X 3mtr	100-003
MB25 X 4mtr	100-004
MB25 X 5mtr	100-0040314

Main Consumables	Code
MB25 Swanneck Complete	110-100
MB25 Tip Adaptor M6	110-102
MB25 Tip Adaptor M8	110-1420015
MB25 Shroud Spring	110-101
MB25 Conical Shroud	110-111
MB25 Cylindrical Shroud	110-110
MB25 Tapered Shroud	110-112
MB25 0.6mm Contact Tip	110-140005
MB25 0.8mm Contact Tip	110-103
MB25 1.0mm Contact Tip	110-105
MB25 1.2mm Contact Tip	110-108

SPECIAL 'A' TIPS AVAILABLE FOR ALUMINIUM



MB 36

Aircooled Torch Package	
MB36 X 3mtr	100-005
MB36 X 4mtr	100-006
MB36 X 5mtr	100-0140145

Main Consumables	Code
MB36 Swanneck Complete	110-200
MB36 Tip Adaptor M6	110-202
MB36 Tip Adaptor M8	110-203
MB36 Gas Diffuser	110-201
MB36 Conical Shroud	110-204
MB36 Cylindrical Shroud	110-1450045
MB36 Tapered Shroud	110-205
MB40 0.8mm Contact Tip	110-303
MB40 1.0mm Contact Tip	110-304
MB40 1.2mm Contact Tip	110-305
MB40 1.6mm Contact Tip	110-307

SPECIAL 'A' TIPS AVAILABLE FOR ALUMINIUM



MB 501

Watercooled Torch Package	
MB501 X 3mtr	100-0340160
MB501 X 4mtr	100-007
MB501 X 5mtr	100-0340162

Main Consumables	Code
MB501 Swanneck Complete	110-400
MB501 Tip Adaptor M8	110-402
MB501 Gas Diffuser	110-401
MB501 Conical Shroud	110-408
MB501 Cylindrical Shroud	110-1450051
MB501 Tapered Shroud	110-1450132
MB501 1.0mm Contact Tip	110-403
MB501 1.2mm Contact Tip	110-404
MB501 1.6mm Contact Tip	110-405
MB501 2.4mm Contact Tip	110-407

SPECIAL 'A' TIPS AVAILABLE FOR ALUMINIUM



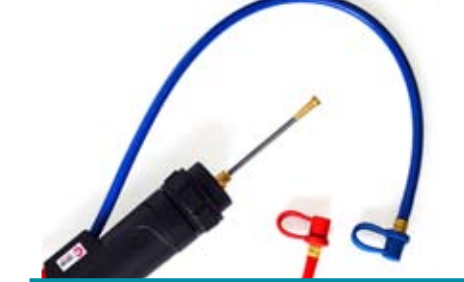
Liners - Mb15	
3mtr Pvc Coated Steel Liner	110-603
4mtr Pvc Coated Steel Liner	110-604
5mtr Pvc Coated Steel Liner	110-608
3mtr Teflon Liner	110-609
4mtr Teflon Liner	110-610
5mtr Teflon Liner	110-611



Liners - Mb25	
3mtr Pvc Coated Steel Liner	110-606
4mtr Pvc Coated Steel Liner	110-607
5mtr Pvc Coated Steel Liner	110-608
3mtr Teflon Liner	110-609
4mtr Teflon Liner	110-610
5mtr Teflon Liner	110-611



Liners - Mb36	
3mtr Pvc Coated Steel Liner	110-606
4mtr Pvc Coated Steel Liner	110-607
5mtr Pvc Coated Steel Liner	110-608
3mtr Teflon Liner	110-609
4mtr Teflon Liner	110-610
5mtr Teflon Liner	110-611



Liners - Mb501	
3mtr Pvc Coated Steel Liner	110-606
4mtr Pvc Coated Steel Liner	110-607
5mtr Pvc Coated Steel Liner	110-608
3mtr Teflon Liner	110-609
4mtr Teflon Liner	110-610
5mtr Teflon Liner	110-611

TORCHES AND SPARES FOR OTHER TORCH MANUFACTURERS ARE ALSO AVAILABLE, INCLUDING:





PPS360 PUSH PULL GUN SYSTEM

A ready to weld system which fits virtually all MIG machines with a Euro connection in seconds. Unique design means no separate control box or fitting is needed just plug in & weld.

The first industrial quality lower cost push pull torch
The first push pull torch to plug straight onto any MIG with a Euro, without any modification to the machine

- No fitting needed just plug into front of any MIG machine with a euro.
- 8 Metre flexible high temp coaxial cable with spring cable supports at ends.
- BZL compatible front end consumables.
- 360a max current @ 40%, 270a @ 60% duty cycle (mixed gases)
- Can be moved from machine to machine in seconds.
- Superb welding performance on aluminium, stainless & mild steel.
- Optional bent neck allows positioning to any angle.
- Option for shorter or longer cable assembly.

SGS360 SPOOL GUN SYSTEM

A ready to weld system which fits all machines with a Euro connection in seconds. Unique design means no separate control box or mains supply is needed just plug in & weld.



- No control box needed just plug into front of any MIG machine with a Euro.
- 8 Metre flexible high temp coaxial cable with spring cable supports at ends.
- BZL compatible front end consumables & standard 102mm wire spools.
- Infinitely variable wire speed control.
- 360a max current @ 40%, 270a @ 60% duty cycle (mixed gases).
- Can be moved from machine to machine in seconds.
- Wire Spool holder turns to a side or down for best access.
- Superb welding performance on aluminium, stainless & mild steel.
- Optional bent neck allows positioning to any angle.
- Option for shorter or longer cable assembly.



BINZEL RAB PLUS FUME EXTRACTION Mig/Mag Torches

During all welding work, pollutants are formed which influence human health. Binzel fume extraction torches make effective extraction of the pollutants at source possible, offering the greatest possible protection for man and the environment. Available either air-cooled from 150 to 300A water cooled from 270 to 550 A. ABICOR BINZEL Welding Torches incorporate the high quality and technology needed for trouble-free welding jobs. All the torches have been thought through down to the last detail and guarantee exact and comfortable work.

Mig Accessories



TEFLON LINERS

Recommended for aluminium and other soft wires as well as resistant wires eg Stainless Steel. Brass Neck Liner reduces wire sticking in tip.

Description	Code
3mtr	110-609
4mtr	110-610
5mtr	110-611

TIP DIP PASTE

Tip Dip Gel is used in MIG welding to help prevent the build up of welding spatter on your contact tips and shrouds. Non Toxic and safe.



Description	Code
Tip Dip Sif	176-001
Tip Dip Binzel	176-002

ANTI SPATTER WATER BASED

Liquid Anti Spatter. No Mixing is required. Spray on surface to be welded. Spatter falling on treated area will not stick. Simply remove spatter with wire brush.



Description	Code
Binzel Water Based Antispatter 5ltr	179-300

GAS FLOW TESTER

Designed to check gas flow at the front of Mig Torches.



Description	Code
Flow Tester	152-8962



LINERS

Torch Liners are used to carry the wire up through the MIG Torch from the reel to the contact tip and can become blocked by wire dust so should be changed regularly for best performance.

SEE PAGE 18-19 FOR LINERS

MIG PLIERS

Performs many tasks to aid smooth MIG welding, including removal of spatter from in and around the shroud, drawing out and cutting off wire, fitting and removing contact tips and shrouds. These pliers are both comfortable to handle and durable in use.



Description	Code
Mig Pliers - Economy	117-300
Mig Pliers - Binzel	117-301

ANTI SPATTER SOLVENT / WATER BASED SPRAY

A popular anti spatter spray compound used to prolong tip and shroud life and prevent the adhesion of weld spatter to the area surrounding the weld zone.



Description	Code
Binzel Solvent Based Antispatter Aerosol	179-200
Enviroweld Antispatter	179-100

MULTI STAGE REGULATORS

The two stage reduction of cylinder pressure within these regulators provide the user with extra safety and precision.



Description	Code
Multi Stage Argon Regulator	150-002

GUIDE TUBES

Guide Tubes to guide the wire from the feed tubes to the torch. Cut to correct length.



Description	Code
Guide Tube	117-103

LORCH HANDY TIG SERIES (BASIC PLUS & CONTROL PRO)

Simply easier to achieve professional TIG results. Especially for the use on construction sites. Professional Tig Welding quality in DC or AC modes does not have to be complicated. The portable TIG-Inverters of the Handy Tig series show how easy it is; switch on & weld! The knowledge of the worlds best welding is immediately available from the machines database.

Lorch Handy Tig Series	Handytig 180DC	Handytig 180 AC/DC
Power Output	5-180A	5-180A
Duty Cycle	30% @180A	30% @180A
Input Voltage	16A 230V	16A 230V
Wire Size	1.0-3.2mm	1.0-3.2mm
Dimensions	337x130x211	337x130x211
Weight	6.5kg	6.5kg



180DC



180 AC/DC

LORCH T SERIES (BASIC PLUS & CONTROL PRO) (DC or AC/DC)

Exactly how a mobile welding machine for TIG professionals should be. What was only possible with the enormous welding machines of yesterday is handled today in the smallest of space with the T Series Technology. Good ergonomics and easy to carry from just 12kg. Filled with high end technology.

Lorch Handy T Series	T220	T250	T300
Power Output	3-220A	3-300A	3-300A
Duty Cycle	40% @ 220A	35% @ 300A	35% @ 300A
Input Voltage	16A 230V	16A 400V	16A 400V
Wire Size	1.0-3.2mm	1.0-4.0mm	1.0-4.0mm
Dimensions	480x185x326	480x185x326	480x185x326
Weight	13.3kg	16.0kg	16.0kg



T220

T250

T300 WC

BASIC PLUS

1. Switch on
2. Select Operating Mode.
3. Adjust Welding Current



- User-oriented operator guidance using illuminated symbols
- Infinitely adjustable welding current setting
- Remote control connection

CONTROL PRO

1. Switch on
2. Select Operating Mode.
3. Adjust Welding Current



- User-oriented operator guidance using illuminated symbols
- Infinitely adjustable welding current setting
- Remote control connection
- Example-amperage digital display
- Simple setting of the base display
- Job memory (2x tig / 2x electrode)
- Torch remote control
- Pulse function

BASIC PLUS

1. Switch on
2. Specify Operating Mode.
3. Adjust Welding Current



- User-oriented operator guidance using illuminated symbols
- Exact-amperage digital display for welding current
- Simple parameter adjustment
- Remote control connection

CONTROL PRO

1. Switch on
2. Select Operating Mode.
3. Adjust Welding Current



- User-oriented operator guidance using illuminated symbols
- Exact-amperage digital display for welding current
- Simple parameter adjustment
- Remote control connection
- Lorchnet for entry to lorch automation
- Connection possibility for lorch feed cold wire feeder
- Tiptronic job memory for up to 100 welding tasks

LORCH V SERIES (DC or AC/DC)

Dreams become reality. At least if you are a TIG welder.

The V Series is the professional industrial TIG system. The state-of-the-art, digital TIG inverter welding system welds steel, stainless steel, copper and aluminium in AC/DC version with no compromises. All this with the simplest user friendly operation. Also completely automated if required.

Lorch V Series (DC) AC/DC	AC/DC V30 Mobile	AC/DC V30	AC/DC V40	AC/DC V50
Power Output	3-300A	3-300A	3-400A	3-500A
Duty Cycle	50% @ 300A	60% @ 300A	60% @ 400A	60% @ 500A
Input Voltage	400V 16A	400V 32A	400V 32A	400V 32A
Wire Size	1.0-3.2mm	1.0-4.0mm	1.0-4.0mm	1.0-4.0mm
Dimensions	812x283x518	1130x450x815	1130x450x815	1130x450x815
Weight	37kg	93.6kg	121.5kg	123.2kg



V30

V40

V Mobile

Speedglas

WELDING HELMETS
CAN BE FOUND ON
PAGE 112



V SERIES

1. Operating mode: select AC or DC
2. Specify electrode diameter
3. Adjust Welding Current



Clearly arranged operating panel with plain text display

LINCOLN INVERTEC V205-T AC/DC

The Invertec V205-T AC/DC is ideal for critical AC or DC TIG welding applications. This full featured TIG welder is also capable of Stick welding. Variable AC frequency and balance control allow focusing of the arc when precise arc control is required. The 115/230v auto-reconnect makes the V205-T AC/DC truly flexible and the rugged, portable, lightweight design is ideal for shop or field environments. It can be simply upgraded to a water cooled unit by adding the COOL ARC 20 Water Cooler.

Invertec V205-T AC/DC	
Power Output	6-200A
Duty Cycle	40% @ 200a
Input Voltage	115/230V
Dimensions	385x215x480
Weight	18kg



V205-T AC/DC

LINCOLN INVERTEC V405-TP TIG

Designed and engineered for Durability. The Invertec V405-T PULSE is manufactured in a lightweight but robust outer casing, making it portable and ideal for operation, even in the most hazardous environments. The flexibility and generator compatibility of the V405-T PULSE allows it to be used both on site and in the workshop. It's features include HF TIG ignition, lift TIG ignition, 2 or 4 step, variable down slope and post flow control, a digital pre-set meter with a hold function and built-in Variable Pulse.



V405-TP TIG

Invertec V405-Tp Tig	
Power Output	5-400A
Duty Cycle	100% @ 300A
Input Voltage	415V
Dimensions	500x270x610mm
Weight	31kg

X CALIBUR AC/DC WSE-200 TIG

The WSE-200 of AC/DC Tig machine offers the latest design and technology which is characterised by their great welding performance, portable small size and light weight.

Wse-200 Tig	
Power Output	10-200a
Duty Cycle	60% @ 129a
Input Voltage	230v
Dimensions	470x240x380mm
Weight	20kg



200 TIG

R-TECH 200AMP DC TIG WELDER

The R-Tech TIG 200 features a top specification, sharing the same class leading technology of all the TIG range. Class leading components and a wealth of advanced features make this range of welders the only serious choice for TIG welding. All R-Tech TIG Welders feature a two year warranty as standard.

R-Tech Tig 200	
Power Output	5 - 200AMP
Duty Cycle	60% @ 200A
Input Voltage	240V 22A
Dimensions	515x220x395mm
Weight	25kg



TIG 201



R-TECH DIGITAL AC/DC TIG WELDERS

The R-Tech Digital range of AC/DC TIG welders feature new easy to use control panel, electronic HF starting, fully featured pulse welding, 3 AC Waveforms, twin LED display and high duty cycle. 200 - 500amp options. All R-Tech Digital TIG Welders feature a three year warranty as standard.

R-Tech Digital	R-Tech Tig 210 Pfc	R-Tech Tig 320	R-Tech Tig 500
Power Output	5 - 210AMP	5 - 320AMP	5 - 500AMP
Duty Cycle	35% @ 210A	35% @ 320A	35% @ 500A
Input Voltage	240V 16A	415V 32A	415V 32A
Dimensions	490 x 255 x 480mm	490 x 255 x 480mm	490 x 255 x 480mm
Weight	17kg	27kg	29kg

THERMAL ARC ARCMaster 175TE / 201TS

The Thermal Arc 175TE & 201TS DC welders pack serious punch & are ideal for welders with more demanding requirements. Powerful yet compact & portable the 201TS can deliver 125amps on 110v circuits for stick welding and 160 amps for TIG. When used on 240v the maximum output of these machines is 175A and 200A. The 201TS is a dual voltage machine using Smartlink Technology meaning that the machine automatically adapts to 110v or 240v supply. Both machines have HF start.

Model	Arcmaster 175te*	Arcmaster 201ts*
Power Output	5 - 175AMP	10 - 200AMP
Duty Cycle	20% @ 175AMPS	20% @ 200AMPS
Input Voltage	240VOLT - 16AMP	110/240VOLT - 16AMP
Dimensions	225 x 130 x 330mm	230 x 135 x 445mm
Weight	7.5kg	10kg

*Both models supplied in carry case.

THERMAL ARC MULTI PROCESS WELDING INVERTER

The Thermal Arc Fabricator 181i is a self contained single phase multi-process welding inverter that is capable of performing GMAW/FCAW (Mig), MMAW (Stick) and GTAW (Lift Tig) welding processes. The unit is equipped with an integrated wire feed unit, voltage reduction device (VRD applicable in stick mode only), digital voltage and amperage meters, and host of other features in order to fully satisfy the broad operating needs of the modern welding professional. Excellent welding characteristics produced by inverter technology.



Thermal Arc Multi Process	
Processes	MIG(GMAW/FCAW),Stick(MMAW),Lift TIG(GTAW)
Supply Voltage	230Volt AC +/-15%, 50/60Hz
Current Range	10 - 180 Amps
Rated Output: MIG(GMAW/FCAW)	180A / 23V @ 20%
Stick (MMAW)	170A / 27.0V @ 20%
TIG (GTAW)	175A / 17.0V @ 20%
Recommended Generator	9 kVA for max. welding current
Dimensions	410 x 210 x 450mm
Weight	14.6kg
Warranty	2 years

Spot Welders



TECNA 2KVA SPOT WELDING GUN

The Tecna 2Kva spot welding gun is a high performance spot gun. This gun has adjustable calibrated force and the handle is designed to produce high pressure on electrodes with minimum force. There are an extensive range of optional arms and electrodes available.



STAR AUTOSPOTTER

The Star Autospotter is an ideal tool for fast and efficient body repairs. Spot welds nails, screws and washers. Removes dents quickly without having to drill holes or the need to remove interior trim.

SPOT WELDING STATIONS

Large range of TECNA automotive and industrial spot welding systems. TECNA as a specialist manufacture of resistance welding equipment providing welding solutions to many sectors including automotive, aerospace and a diversity of industrial applications for more than 30 years. TECNA produce an innovative and extensive range of machines from 2KVA to 630KVA.

TECNA have brought together all their design and manufacturing experience in the development of the RHINO, to meet the exacting demands of today's car body repair industry.



Linear Action Spot welder



Pneumatic Spot welder



Pedal operated Spot welder



Rhino Automotive Spot Welder

ALL MACHINES AVAILABLE IN DIFFERENT POWER OUTPUTS. PLEASE ASK OUR SALES TEAM FOR FURTHER DETAILS.



PROTECTIVE CLOTHING CAN BE FOUND ON PAGE 125

Tig Torches

WP9 TIG TORCH

Small aircooled Torch - 125 Amps



FlexNeck torches and torch bodies available.

Wp9 Tig Torch	
Code	Size
120-WP912SP	WP9 Package 12ft Switched and sheathed
120-WP925SP	WP9 Package 25ft Switched and sheathed
130-602	WP9 Torch Body

WP20 TIG TORCH

Small watercooled Torch - 250 Amps



FlexNeck torches and torch bodies available.

Wp20 Tig Torch	
Code	Size
120-005	WP20 12ft Package Switched and sheathed
120-006	WP20 25ft Package Switched and sheathed
130-604	WP20 Torch Body

WP17 TIG TORCH

Large aircooled tig torch 150 amps



FlexNeck torches and torch bodies available.

Wp17 Tig Torch	
Code	Size
120-001	WP17 Torch Package 12ft Switched and sheathed
120-002	WP17 Torch Package 25ft Switched and sheathed
130-WP17BODY	WP17 Torch Body

WP18 TIG TORCH

Large watercooled tig torch 350 amps



FlexNeck torches and torch bodies available.

Wp18 Tig Torch	
Code	Size
120-003	WP18 12ft Package Switched and sheathed
120-004	WP18 25ft Package Switched and sheathed
130-603	WP18 Torch Body

WP26 TIG TORCH

Large aircooled tig torch 200 amps



FlexNeck torches and torch bodies available.

Wp26 Tig Torch	
Code	Size
120-007	WP26 12ft Package Switched and sheathed
120-008	WP26 25ft Package Switched and sheathed
130-WP26HEAD	WP26 Torch Body

Small Collets - 25mm	
Code	Size
13N21	1.0mm
13N22	1.6mm
13N23	2.4mm
13N24	3.2mm



Small Collet Bodies- 21mm	
Code	Size
13N26	1.0mm
13N27	1.6mm
13N28	2.4mm
13N29	3.2mm



Large Collets - 50mm	
Code	Size
10N22	1.0mm
10N23	1.6mm
10N24	2.4mm
10N25	3.2mm
54N20	4.0mm



Large Collet Bodies- 47mm	
Code	Size
10N30	1.0mm
10N31	1.6mm
10N32	2.4mm
10N28	3.2mm
406488	4.0mm



Small Gas Lense Ceramics - 25mm	
Code	Size
53N58	6mm
53N59	8mm
53N60	10mm
53N61	11mm
53N61S	13mm



Small Ceramics - 30mm	
Code	Size
13N08	6mm
13N09	8mm
13N10	10mm
13N12	12mm
13N13	16mm



Large Gas Lense Ceramics - 41mm	
Code	Size
54N18	6.0mm
54N17	8.0mm
54N16	10mm
54N15	11mm
54N14	13mm
54N19	27mm



Large Ceramics - 47mm	
Code	Size
10N50	6.0mm
10N49	8.0mm
10N47	11mm
10N46	13mm
10N45	16mm



Small Long Ceramics - 48mm	
Code	Size
796F70	5mm
796F71	6mm
796F72	8mm
796F73	10mm



Small Gas Lenses - 22mm	
Code	Size
45V42	1.0mm
45V43	1.6mm
45V44	2.4mm
45V45	3.2mm



Large Long Ceramics - 76mm	
Code	Size
10N47L	11mm
10N48L	10mm
10N49L	8.0mm



Large Gas Lenses - 50mm	
Code	Size
45V24	1.0mm
45V25	1.6mm
45V26	2.4mm
45V27	3.2mm
45V28	4.0mm



Small Back Caps Thread Od 7.8mm	
Code	Size
41V33	Short Back Cap
41V35	Medium Back Cap
41V24	Long Back Cap



Large Back Caps Thread Od 9.3mm	
Code	Size
57Y02	Long Back Cap
57Y04	Short Back Cap





TUNGSTEN GRINDER

Professional Portable Tungsten Electrode Grinder with top quality diamond wheel used for perfect repeatable point angles on tig tungstens. Save time, money and improve Arc Quality. All wearing parts are available.

Turntables

The **TT600, TT1000 and TT3000** are the ideal solution for producing a circular weld, fast and accurately, or for accurately and rapidly positioning the work piece for welding, etc.

TT600, TT1000 AND TT3000 TURNTABLES

As standard the TT600, TT1000 & TT3000 are supplied with a foot switch to stop and start the rotation. On the front panel there is a switch to select clockwise or anticlockwise rotation, a knob to control the speed & a high-low speed range switch for more accurate setting. The turntable can be positioned to any angle between horizontal & 90 degrees and hand wheel which drives a worm gear is fitted at the rear to adjust this angle, a lock off device is fitted to prevent the table being accidentally moved or knocked off angle. The table is machined with 6 slots 90x12mm for mounting jigs or the chuck. The table is also scored every 30mm with a circle to assist in accurate setting up of the job. Under the table is a substantial brass bush arrangement for the welding earth return and we supply a 2M welding lead attached to this. The TT1000 Precision & TT3000 are fitted with a double reduction gearbox to enable work at slower speeds & higher torque. All models are protected from HF interference.



OPTIONS

Remote socket for stop/start to interface with a robot, welding machine, etc. Control to give automatic start and stop of rotation with welding current. Foot Pedal to give stop start of the rotation with variable speed control on the pedal and start of the power source as well if required. Timer Control (for pool delay or spot welds, etc) & an output to drive the power source, so only one control signal is needed to start the whole process. Please enquire for further possibilities.

Technical Specification	TT600	TT1000	TT1000 Precision	TT3000
Input Voltage	110V/230V	110V/230V	110V/230V	110V/230V
Max Welding Current	350A @ 60%	450A @ 60%	450A @ 60%	450A @ 60%
Max Load - Turntable in the horizontal position	60kg	100kg	100kg	300kg
Max Load - Turntable in the vertical position	25kg	50kg	50kg	150kg
Rotation Speed	0.5-12rpm	0.5-15rpm	0.1-5rpm	0.1-2.5rpm
Table Diameter	345mm	345mm	345mm	450mm
Dimensions : Height	380mm	420mm	420mm	600mm
Width	430mm	430mm	430mm	550mm
Length	440mm	440mm	440mm	600mm

TUNGSTENS

THORIATED TUNGSTENS

2% Thoriated (Red Tip) Tungsten used to strike and maintain a TIG welding arc. Thoriated (DC Negative) for Mild and Stainless Steel. Sizes, 1.0mm, 1.6mm, 2.4mm, 3.2mm and 4.0mm available.

Description	Code
Thoriated Tungstens - 1.0mm	133-7000068
Thoriated Tungstens - 1.6mm	133-001
Thoriated Tungstens - 2.4mm	133-002
Thoriated Tungstens - 3.2mm	133-003
Thoriated Tungstens - 4.0mm	133-005



ZIRCONIATED TUNGSTENS

Zirconiated (White Tip) Tungsten used in (AC Positive) for Aluminium. Sizes, 1.6mm, 2.4mm, 3.2mm and 4.0mm available.

Description	Code
Zirconiated Tungstens - 1.6mm	133-100
Zirconiated Tungstens - 2.4mm	133-101
Zirconiated Tungstens - 3.2mm	133-102
Zirconiated Tungstens - 4.0mm	133-103



CERIATED TUNGSTENS

Ceriated (Grey Tip) Tungsten used for TIG welding all common metals including Mild Steel, Stainless Steel and Aluminium. Sizes, 1.6mm and 2.4mm

Description	Code
Ceriated Tungstens - 1.6mm	133-200
Ceriated Tungstens - 2.4mm	133-201



MULTI STRIKE TUNGSTENS

Multi Strike (Blue Tip) Tungsten recommended for improved Tig Arc quality on all steels, stainless steels and aluminium. Sizes, 1.6mm, 2.4mm, 3.2mm and 4.0mm available.

Description	Code
Multi Strike Tungstens - 1.6mm	133-300
Multi Strike Tungstens - 2.4mm	133-301
Multi Strike Tungstens - 3.2mm	133-302
Multi Strike Tungstens - 4.0mm	133-303



LANTHINATED (GOLD) TUNGSTENS

1.5% Lanthinated (Gold Tip) Tungsten for Ferrous and Non Ferrous Metals - with Superior Re-Ignition. Sizes, 1.6mm, 2.4mm and 3.2mm available.

Description	Code
Lanthinated (Gold) Tungstens - 1.6mm	133-400
Lanthinated (Gold) Tungstens - 2.4mm	133-401
Lanthinated (Gold) Tungstens - 3.2mm	133-402



FLOW METER

Designed to be fitted to the outlet of an Argon or CO² Regulator to provide greater control of the flow of your shielding gas through the gas line. Models, 0 - 15 LPM. 0 - 40 LPM



ARGON HOSE

Reinforced flexible hose for Argon and other inert gases for Welding Machines. Also popular for purging applications. Available in 6mm and 10mm and cut to customers request. Sizes, 6mm - 13mm available.



Y PIECE WITH VALVE

These twin outlet valves let you connect two sets of hoses and torch equipment to a single gas inlet, in order to use a single set of bottles, regulators and flash back arrestors. With independent adjustment knobs, you can control the flow of gas from each outlet individually.

LINCOLN PLASMA INVERTEC PC-208 & PC-210 Built In Compressor

The Plasma PC208 and PC210 are the most flexible plasma cutting machines you could envisage. The units arrive ready to go, able to cut fast and precisely powered from a standard 230v input supply, these machines are ideal for work on site. With both the PC208 and PC210 cutting need no longer be a problem, forget the grinder, simply take the torch and cut in seconds. These inverter based machines are equipped with an integrated air compressor. This provides maximum flexibility without the need for a separate compressed air supply. Weighting only 18.5kg combined with their small size, these versatile machines can be used anywhere, anytime. The PC210 can be used with an external compressor.

Lincoln Plasma Invertec	Pc 208	Pc 210
Power Output	10-25A	10-25A
Duty Cycle	15A @ 100%	15A @ 100%
Input Voltage	230V	230V
Max Cut Capacity	12MM	12MM
Dimensions	385x215x480mm	385x215x480mm
Weight	18.5KG	18.5KG



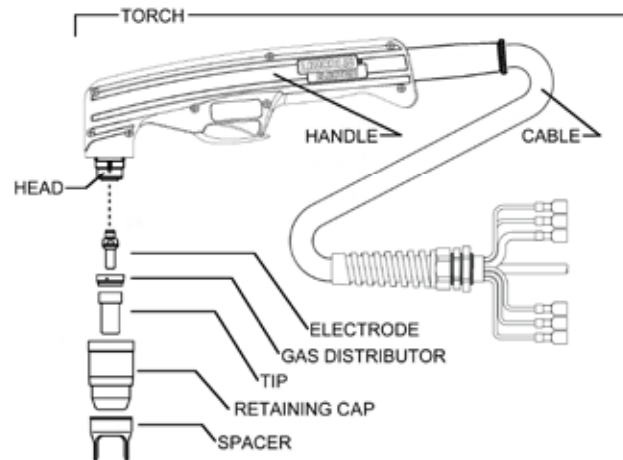
PC208 PC210

LC25 TORCH TO SUIT PC-208 / PC-210

LC25		
Torch (Hand 3m) (1pc)	PTH-C25A-SL-3MR	
Handle (1pc)	W0300601R	
Head (1pc)	W0300615R	
Cable (3m) (1pc)	W0300616R	

Cutting Process	Electrode (Blister 5pcs)	Gas Distr. (Blister 3pcs)
25A	W03X0893-75A	W03X0893-5R

Tip (Blister 5pcs)	Retaining Cap (Blister 1pcs)	Spacer (Blister 1pcs)
W03X0893-76A	W03X0893-77A	W03X0893-78R



LINCOLN TOMAHAWK 1025 & 1538 PLASMA CUTTER

The Tomahawk range features very high performance Plasma Cutting. The new Lincoln concept for Plasma Cutting focuses on three elements:-

- S: An innovative and patented striking system preserves the electrode tip and extends its lifetime.
- P: Circular enhancements with improved radial airflow and innovative electrode/nozzle design concentrate the plasma stream.
- L: The internally cooled electrode and torch head and electrode/nozzle design considerably increase their lifetime.

Lincoln Tomahawk	1025	1538
Power Output	20-60A	20-100A
Duty Cycle	40A @ 100%	60A @ 100%
Input Voltage	415V	415V
Max Cut Capacity	25mm	40mm
Dimensions	389x247x510mm	455x301x640mm
Weight	22kg	34kg



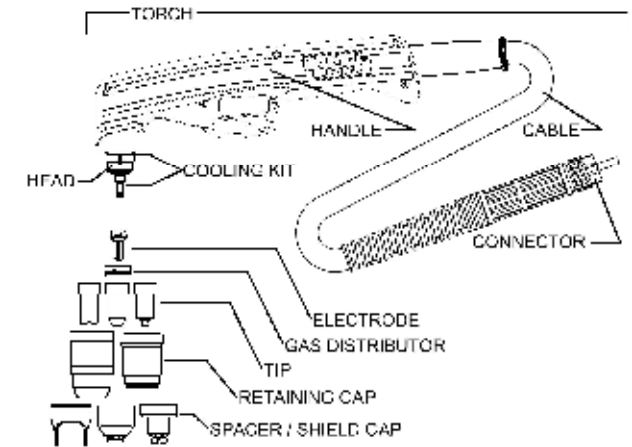
1025 1538

LC65 TORCH TO SUIT TOMAHAWK 1025

LC65		
Torch (Hand 7.5m) (1pc)	PTH-061A-CX-7M5A	
Torch (Hand 15m) (1pc)	PTH-061A-CX-15M5A	
Handle (1pc)	W0300609R	
Head (1pc)	W0300608R	
Cooling Kit (Blister 1pc)	W03X0893-49R	
Cable (7.5m) (1pc)	W0300604R	
Cable (15m) (1pc)	W0300606R	
Connector (1pc)	W03X0934-4R	



1025



Cutting Process	Electrode (Blister 5pcs)	Gas Distr. (Blister 3pcs)
40A	W03X0893-25A	W03X0893-50R
50A	W03X0893-25A	W03X0893-50R
60A	W03X0893-25A	W03X0893-50R
Dir Contact 40A	W03X0893-25A	W03X0893-50R
Contact 50A	W03X0893-25A	W03X0893-50R
Contact 60A	W03X0893-25A	W03X0893-50R
Gouging	W03X0893-25A	W03X0893-50R

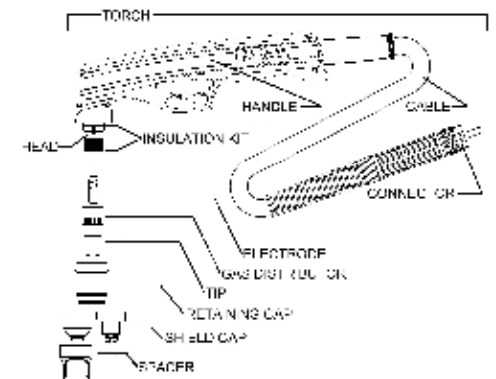
Cutting Process	Tip (Blister 5pcs)	Retaining Cap (Blister 1pcs)	Spacer (Blister 1pcs)	Shield Cap (Blister 2pcs)
40A	W03X0893-27A	W03X0893-41A	W03X0893-14R	-
50A	W03X0893-28A	W03X0893-41A	W03X0893-14R	-
60A	W03X0893-29A	W03X0893-41A	W03X0893-14R	-
Dir Contact 40A	W03X0893-26A	W03X0893-41A	-	-
Contact 50A	W03X0893-33A	W03X0893-43A	-	W03X0893-44A
Contact 60A	W03X0893-34A	W03X0893-43A	-	W03X0893-44A
Gouging	W03X0893-39A	W03X0893-43A	-	W03X0893-48A

LC105 TORCH TO SUIT TOMAHAWK 1538

LC105		
Torch (Hand 7.5m) (1pc)	PTH-101A-CX-7M5A	
Torch (Hand 15m) (1pc)	PTH-101A-CX-15M5A	
Handle (1pc)	W0300609R	
Head (1pc)	W0300618R	
Insulation Kit (Blister 1pc)	W03X0893-71R	
Cable (7.5m) (1pc)	W0300620R	
Cable (15m) (1pc)	W0300622R	
Connector (1pc)	W03X0934-8R	



1538

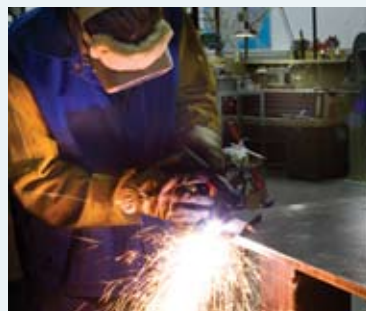


Cutting Process	Electrode (Blister 5pcs)	Gas Distr. (Blister 3pcs)	Tip (Blister 5pcs)	Retaining Cap (Blister 1pcs)	Spacer (Blister 1pcs)	Shield Cap (Blister 2pcs)
40A	W03X0893-60A	W03X0893-70R	W03X0893-61A	W03X0893-66A	W03X0893-14R	W03X0893-68R
60A	W03X0893-60A	W03X0893-70R	W03X0893-62A	W03X0893-66A	W03X0893-14R	W03X0893-68R
80A	W03X0893-60A	W03X0893-70R	W03X0893-63A	W03X0893-66A	W03X0893-14R	W03X0893-68R
100A	W03X0893-60A	W03X0893-70R	W03X0893-64A	W03X0893-66A	W03X0893-14R	W03X0893-68R
Contact 40A	W03X0893-60A	W03X0893-70R	W03X0893-61A	W03X0893-66A	-	W03X0893-67R
Contact 60A	W03X0893-60A	W03X0893-70R	W03X0893-62A	W03X0893-66A	-	W03X0893-67R
Contact 80A	W03X0893-60A	W03X0893-70R	W03X0893-63A	W03X0893-66A	-	W03X0893-67R
Contact 100A	W03X0893-60A	W03X0893-70R	W03X0893-64A	W03X0893-66A	-	W03X0893-67R
Gouging	W03X0893-60A	W03X0893-70R	W03X0893-66A	W03X0893-66A	-	W03X0893-69R

R-TECH PLASMA 40, 60 & 100 CUTTERS

The R-Tech Plasma 40, 60 & 100 are incredible, heavy duty plasma cutters, which are tough, durable and are built to cut all day long. With a range of cut sizes and all featuring HF Pilot Arc starting - there is a plasma cutter to suit every environment. All plasma cutters feature a two year warranty as standard.

R-Tech Plasma Cutters	40hf	60hf	100hf
Power Output	20 - 40A	20 - 60A	20 - 100A
Duty Cycle	40A @ 60%	60A @ 60%	100A @ 60%
Input Voltage	240V	415V	415V
Max Cutting Capacity	12mm	17mm	26mm
Dimensions	425x195x310mm	570x330x600mm	570x330x600mm
Weight	18kg	30kg	43kg



VP-P40



VP-P60



VP-P100

COMPLETE TORCH (HAND HELD) - PLASMA CUTTER VP-P60

Complete Quick Fit 6M Plasma torch for Plasma VP-P60

Torch Head	Swirl Ring	Electrode	Cutting Tip	Retaining Nozzle	Spacer
PT80-09800	PT80-60027	PT80-52558	PT80-51311	PT80-60510	PT80-60434

COMPLETE 6M HAND TORCH - PLASMA CUTTER VP-P100

Complete Quick Fit 6M Torch - Hand held for Plasma VP-P100

Torch Head	Swirl Ring	Electrode	Cutting Tip	Retaining Nozzle	Spacer
PT100-09700	PT100-60026	PT100-52566	PT100-51248	PT100-60510	PT100-60444

X CALIBUR 40 PLASMA CUTTER

The X Calibur Cut-40P utilises a Euro connector type torch with a 6m cable assembly for increased working range. The unit has over current/overheat protection circuits and warning indicators for incorrect air pressure and torch problems.

X CALIBUR 60 PLASMA CUTTER

The X Calibur CUT-60 is a three phase IGBT inverter with digital control technology. It has an excellent cutting capacity of 35mm (Sever) and 25mm (Quality). The machine has contact arc start, pilot arc control and a grid cutting feature.

X Calibur 40 Plasma Cutters	Zxcut-40p	Zxcut-60
Power Output	20-40A	20-60A
Duty Cycle	40A @ 40%	60A @ 60%
Input Voltage	110v / 230v	415v
Max Cutting Capacity	12mm	25mm
Dimensions	430x170x270mm	520x240x400mm
Weight	12.6kg	24kg



ZXCUT-40

ZXCUT-60

THERMAL DYNAMICS PLASMA CUTTERS

The Thermal Dynamics CUTMASTER series of micro process controlled plasma cutters offer extreme operator confidence and error free use from setup to clean up.

The CUTMASTER range allows you to work all day at recommended cut capacity, but when you need that extra punch you can be confident that it's there.

As if 3 year unlimited power supply wasn't enough, the CUTMASTER series is the only line of plasma cutting machines that features TRUE GUARD - a rugged roll bar for added durability.

The CUTMASTER series features the flexible, patented 1Torch. There's one set of consumable parts for the entire range of machines, lead extensions provide cutting up to 30.5m from power supply, and the flexibility to move quickly from hand to mechanized cutting with the change of a torch.

The CUTMASTER series offers lighter, more portable machines without compromising performance.

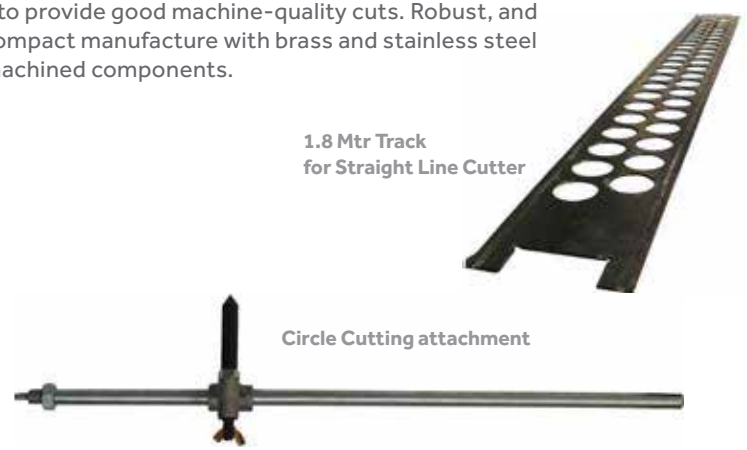


Thermal Dynamics Plasma Cutters	Cutmaster 12	Cutmaster 20	Cutmaster 35	Cutmaster 40
Power Output	40A	60A	100A	120A
Duty Cycle	40A @ 60%	60A @ 40%	100A @ 80%	120A @ 40%
Input Voltage	400V, 3 Phase	400V, 3 Phase	400V, 3 Phase	400V, 3 Phase
Max Cutting Capacity	12mm	20mm	35mm	40mm
Dimensions	381x305x610mm	381x305x610mm	381x305x762mm	381x305x762mm
Weight	19.5kg	19.5kg	28.1kg	28.1kg



STRAIGHT LINE CUTTING MACHINE

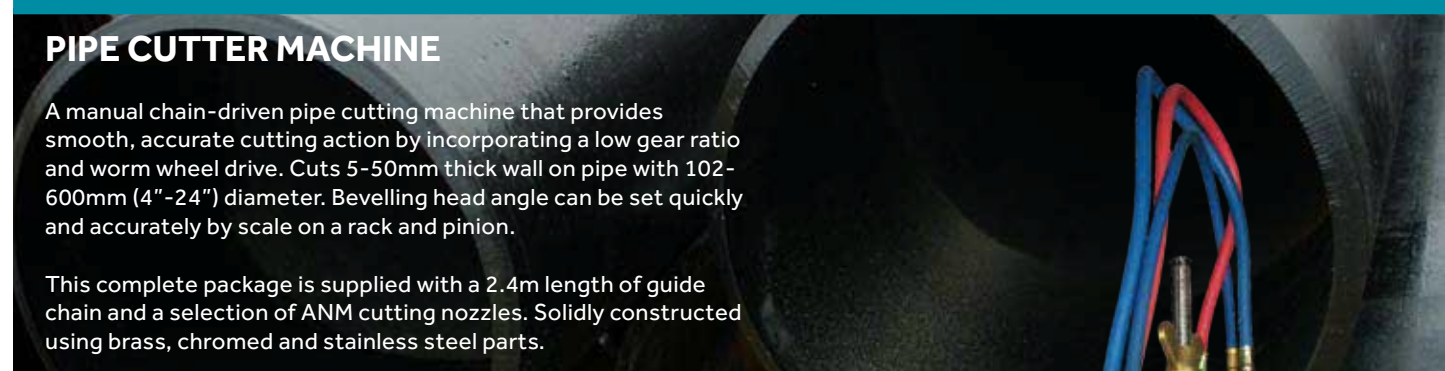
Portable, automatic straight-line cutting machines, available in models to suit 115v and 230v input power supply. Supplied with a 1.8m length of distortion-proof steel track (extra 1.8m lengths also available) and a selection of cutting nozzles. Cuts straight lines and bevels on 5mm-50mm thick steel. Constant adjustable travel speed - in forward or reverse - to provide good machine-quality cuts. Robust, and compact manufacture with brass and stainless steel machined components.



PIPE CUTTER MACHINE

A manual chain-driven pipe cutting machine that provides smooth, accurate cutting action by incorporating a low gear ratio and worm wheel drive. Cuts 5-50mm thick wall on pipe with 102-600mm (4"-24") diameter. Beveling head angle can be set quickly and accurately by scale on a rack and pinion.

This complete package is supplied with a 2.4m length of guide chain and a selection of ANM cutting nozzles. Solidly constructed using brass, chromed and stainless steel parts.



REGULATORS

SINGLE STAGED GAUGELESS REGULATOR

No gauge design makes these regulators ideal for site work and mobile use. Pressure is set by markings around the adjustment knob.

Description	Code
Oxygen	150-101
Acetylene	150-201
Propane	150-401

SINGLE STAGE TWO GAUGE REGULATOR

Precision engineered single stage regulators. Accurate outlet adjustment knob, outlet gauge, and bottle contents gauge.

Description	Code
Oxygen	150-100
Acetylene	150-200
Propane	150-400
Argon	150-001

TWO STAGE TWO GAUGE REGULATOR

Two stage design means better accuracy and life than standard regulators.

Description	Code
Oxygen	150-102
Acetylene	150-202
Argon	150-002



NOZZLE MIX CUTTING TORCHES

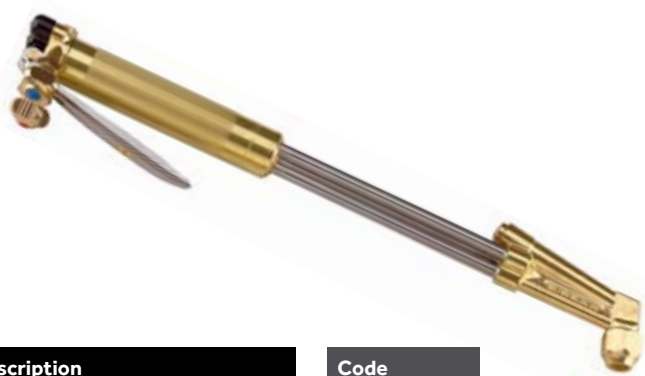
NM Cutting torches Quality cutter for use with oxygen and a variety of fuel gases including Acetylene and Propane. Available in various lengths from 18" to 48" and 3 different head angles, 75°, 90° and 180°.



Description	Code
18"	152-400
36"	152-H3316
48"	152-H3317

INJECTOR CUTTING TORCHES

Professional quality injection torches, for oxy/propane cutting. Powerful and economical to use. Greatly improved gas consumption. Range of injector type nozzles available. Size to be specified when ordering.



Description	Code
Injector Cutting Torch	152-H3028

GAS HOSES

High quality hoses fitted with 1/4" or 3/8" BSP connectors and hose check valves.

Description	Size	Code
Oxygen	6mm x 5mtr	156-001
Acetylene	6mm x 5mtr	156-007
Oxygen	6mm x 10mtr	156-002
Acetylene	6mm x 10mtr	156-008
Oxygen	10mm x 5mtr	156-004
Acetylene	10mm x 5mtr	156-010
Propane	10mm x 5mtr	156-764105PROP
Oxygen	10mm x 10mtr	156-005
Acetylene	10mm x 10mtr	156-011
Propane	10mm x 10mtr	156-013
Oxygen	10mm x 20mtr	156-006
Acetylene	10mm x 20mtr	156-012
Propane	10mm x 20mtr	156-A5134



CUTTING TORCH HEAD NUT

Replacement head nut for cutter torches. Change if there is any sign of damage.



Description	Code
NM Cutting Torch Head Nut	154-002

ACETYLENE - ANM



Description	Code
Cutting Nozzle - ANM 1/32"	151-001
Cutting Nozzle - ANM 3/64"	151-002
Cutting Nozzle - ANM 1/16"	151-003
Cutting Nozzle - ANM 5/64"	151-004
Cutting Nozzle - ANM 3/32"	151-005
Cutting Nozzle - ANM 1/8"	151-006

PROPANE - PNM



Description	Code
Cutting Nozzle - PNM 1/32"	151-200
Cutting Nozzle - PNM 3/64"	151-201
Cutting Nozzle - PNM 1/16"	151-202
Cutting Nozzle - PNM 5/64"	151-203
Cutting Nozzle - PNM 3/32"	151-204
Cutting Nozzle - PNM 1/8"	151-205

NOZZLES

Nozzles for use with Acetylene and Propane.

Nozzle Cutting Data	
1/32"	Up to 6mm cut
3/64"	Up to 13mm cut
1/16"	Up to 75mm cut
5/64"	Up to 100mm cut
3/32"	Up to 150mm cut
1/8"	Up to 300mm cut

LIGHTWEIGHT GAS TORCH



Model 65	Code
Shank	152-201
Cutting Attachment	152-202
Mixer	152-200

HEAVY DUTY GAS TORCH



Model 90	Code
Shank	152-301
Cutting Attachment	152-302
Mixer	152-300

LIGHTWEIGHT & HEAVY DUTY SWAGGED OXY/ACETYLENE GAS WELDING NOZZLES

Type	1	2	3	5	7	10	13	18	25
To weld(mm)	0.9	1.2	2	2.6	3.2	4	5	6.5	8.2
Lightweight code	151-400	151-401	151-402	151-403	151-404	151-405	151-406	151-407	151-408
Heavy weight code	151-500	151-501	151-502	151-503	151-504	151-505	151-506	151-507	151-508



SPANNER & CYLINDER KEY

Combination Spanner. Strong, black, drop-forged spanners with integrated cylinder key, 3/8" BSP or EU 19mm jaw for common hose nuts and 5/8" BSP jaw for common regulator nuts.

Description	Code
Combination Spanner & Cylinder Key	165-100



CYLINDER KEY

Strong, drop-forged or nylon, black bottle keys. Fit valves on gas British type gas cylinders.

Description	Code
Cylinder Key	165-101

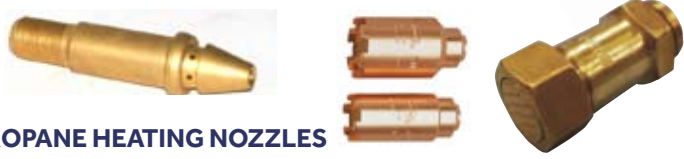


ACETYLENE HEATING NOZZLES

Description	Code
AHT 25	151-1292
AHT 50	151-1293
AHT 100	151-1294
Neck for Heating Nozzles	151-1150

PROPANE HEATING NOZZLES

Description	Code
NMSH adapter	151-700
1H Heating Nozzle	151-600
2H Heating Nozzle	151-601
3H Heating Nozzle	151-602
4H Heating Nozzle	151-603
5H Heating Nozzle	151-604
PHMN Heating Nozzle (Pepper Pot)	151-800
Insert for PHMN	151-801



FLASHBACK ARRESTORS

Description	Code
Non-Resetable Oxygen	152-002
Non-Resetable Fuel Gas	152-001
Resetable Oxygen	152-004
Resetable Fuel Gas	152-003



LARGE CUTTING ATTACHMENT

A simple but effective tool for cutting large and small circles and arcs with NM type hand cutting torches, and heavy duty cutting attachments.



Description	Code
Large Circle Cutting Attachment	152-SWP2031

SMALL CUTTING ATTACHMENT

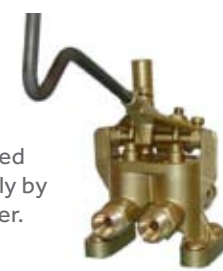
For the accurate cutting of circles and arcs with NM type cutting torches. Attaches to the cutter and pivots around centre punched guide holes.



Description	Code
Small Circle Cutting Attachment	152-SWP2030

OXY/FUEL GAS ECONOMISER

When you need to repeatedly start and stop welding or cutting, lighting and extinguishing the flame can be performed quickly and more easily by using a gas economiser.



Description	Code
Oxy/Fuel Gas Economiser	152-AE2000

GAS WELDING TROLLEYS



Description	Code
Portapak Trolley	157-001
Single Oxy/Argon Trolley	157-002
Double Oxy & Acetylene Trolley	157-003
Single Propane	157-004
Double Oxy & Propane Trolley	157-005

FULL TROLLEY KITS AVAILABLE ON REQUEST, PLEASE CALL FOR DETAILS

O-CLIPS & PLIERS

Description	Code
7-9mm (5/16) O-Clip	155-002
8-11mm (3/8) O-Clip	155-003
11-13mm (1/2) O-Clip	155-004
13-15mm (9/16) O-Clip fits 1/4" hose	155-005
15-18mm (5/8) O-Clip fits 5/16 & 3/8" hose	155-006
17-20mm (3/4) O-Clip	155-007
20-23mm (7/8) O-Clip	155-008
O-Clip Pliers	875-200



NOZZLE CLEANER SET

A set of reamers & a file for cleaning out holes in gas nozzles etc.

Description	Code
Nozzle Cleaner Set	165-400





RED PISTOL SPARKLIGHTER

Makes use of a single flint and a trigger strike action. Popular design. Fitted with flint. Spare flints in packs of 10.

Description	Code
Red Pistol Sparklighter	165-003
Replacement Pistol Flints (Pkt 10)	165-004

CUP TYPE SPARKLIGHTER

A single flint bar. Single strike action. Made from quality spring steel. Sold complete with fitted flint. Replacement flints are available in packs of 10.



Description	Code
Cup Type Sparklighter	165-005
Replacement Cup Type Flints (Pkt 10)	165-006

TRI-FLINT SPARKLIGHTER

Popular design of quality spring steel sparklighter, features a triple-flint strike action. Flints included, spare flints sold as pack of 10 triangles.



Description	Code
Tri-Flint Sparklighter	165-001
Replacement Tri-Flints (Pkt 10)	165-002

REGULATOR PARTS

A range of replacement regulator parts that can become damaged over time from general wear and tear incurred when changing bottles. This can lead to leaks on the cylinder connection. It is important to check the 'inspect/replace' date stamped on the regulator prior to changing parts.

CYLINDER EXTENSION

This extension provides an additional distance above the bottle outlet, terminating in a 5/8" BSP female fitting to receive the male bullnose of the regulator. Available in LH and RH versions.



Description	Code
Cylinder Extension - RH	154-002
Cylinder Extension - LH	154-003



DOUBLE OUTLET Y-PIECE

Description	Code
Double Outlet RH Y-piece with halves	153-030
Double Outlet LH Y-piece with halves	153-031

90° CYLINDER VALVE ADAPTORS

Some cylinder manufacturers now produce bottles which require the regulator to be connected to the bottle from the side. The 90° adaptors allow this to happen by keeping the regulator the right way up so that the pressure control knob and gauges are always on view. These adaptors are available in RH and LH versions.



Description	Code
RH Cylinder Adapter 90°	154-100
LH Cylinder Adapter 90°	154-101

REGULATOR STEMS AND NUTS

Regulator bullnose stems can become damaged over time from general wear and tear incurred when changing bottles. This damage can cause leaks at the cylinder connection.



Description	Code
1/2 x 27 Bottle Stem	154-004
1/4 BSP Bottle Stem	154-005
RH Cylinder Nut	154-001
LH Cylinder Nut	154-006
1/4" NPT x Coarse Thread	154-005
1/4" NPT x Fine Thread	154-004

HOSE FITTINGS

A range of replacement parts for wearing items on gas hoses. Parts often wear due to regular use but instead of replacing the whole hose assembly why not repair your existing hose. It is important to check that the hose is in good condition prior to changing parts.

Description	Code
1/4"-1/4" RH Hose Check Valve	153-001
1/4"-1/4" LH Hose Check Valve	153-002
3/8"-1/4" RH Hose Check Valve	153-003
3/8"-1/4" LH Hose Check Valve	153-004
3/8"-3/8" RH Hose Check Valve	153-005
3/8"-3/8" LH Hose Check Valve	153-006

1/4" (6mm) Splicer	153-017
5/16" (6mm) Splicer	153-018
3/8" (10mm) Splicer	153-019

1/4" - 1/4" RH Male Coupler	153-020
1/4" - 1/4" LH Male Coupler	153-021
1/4" - 3/8" RH Male Coupler	153-022
1/4" - 3/8" LH Male Coupler	153-023
3/8" - 3/8" RH Male Coupler	153-024
3/8" - 3/8" LH Male Coupler	153-025

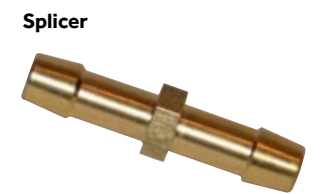
1/4" RH Nuts	153-007
1/4" LH Nuts	153-008
3/8" RH Nuts	153-009
3/8" LH Nuts	153-010

1/4" - 1/4" Tails	153-013
3/8" - 1/4" Tails	153-014
3/8" - 5/16" Tails	153-018
3/8" - 3/8" Tails	153-015

3/8" Thread - 1/4" Nut RH Bent Adaptor	153-026
3/8" Thread - 1/4" Nut LH Bent Adaptor	153-027
3/8" Nut - 1/4" Thread RH Str Adaptor	153-028
3/8" Nut - 1/4" Thread LH Str Adaptor	153-029



Hose Check Valves



Splicer



Couplers



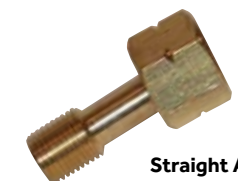
Nuts



Tails



Bent Adaptor



Straight Adaptor

**GAS EQUIPMENT
CHECKS
& CERTIFICATION
AVAILABLE.**



ARC WELDING ELECTRODES

LINCOLN MILD STEEL 6013 ELECTRODES

Bestselling Lincoln electrodes for all-positional mild steel welding. Cost effective and trusted performance. Smooth running rods with good weld finish.



Size/Weight	Code
2.5mm / 2.8kg	260-600
3.2mm / 4.8kg	260-601
4.0mm / 5.4kg	260-602
5.0mm / 5.0kg	260-603

OERLIKON FINCORD M 6013 ELECTRODE

Good quality, medium coated electrode giving excellent all-positional operability. Often offers 'welders appeal' due to the electrode producing all round versatile characteristics.



Size/Weight	Code
2.0mm / 2.0kg	260-100
2.5mm / 4.13kg	260-101
3.2mm / 4.27kg	260-102
4.0mm / 5.10kg	260-103

OERLIKON SPEZIAL 7016 LOW HYDROGEN ELECTRODE

A double coated hydrogen-controlled electrode giving enhanced operability. Ideal for both general workshop fabrications and on-site repair operations.



Size/Weight	Code
2.5mm / 3.94kg	261-0011
3.2mm / 4.13kg	261-001
4.0mm / 5.2kg	261-002
5.0mm / 5.02kg	261-003

OERLIKON ULTRACITO 7018 LOW HYDROGEN ELECTRODE

A versatile hydrogen controlled electrode for all-positional welding of both thin and medium thickness plate. Is ideal for deep and restricted access configurations.



Size/Weight	Code
2.5mm / 3.6kg	261-200
3.2mm / 4.3kg	261-201
4.0mm / 5.8kg	261-202
5.0mm / 5.85kg	261-203

OERLIKON OVERCORD Z 6013 (VERTICAL DOWN) ELECTRODE

All positional medium coated electrode ideal for root welds in pipe and tight joint fit-up. Suitable for welding downhand.



Size/Weight	Code
2.5mm / 2.0kg	260-200
3.2mm / 4.59kg	260-201
4.0mm / 4.46kg	260-202

OERLIKON FERROMATIC 7024 IRON POWDER ELECTRODE

High recovery Iron powder electrode for fast welding on structural steel. Suitable for mild and low alloy steel.



Size/Weight	Code
3.2mm / 5.4kg	260-800
4.0mm / 5.5kg	260-801
5.0mm / 5.77kg	260-802

LINCOLN HYROD 7018 LOW HYDROGEN ELECTRODE

Electrode most suited for high productivity, ideal for ship building and light general construction work. Almost no spatter, nice wetting and full weld pull control.



Size/Weight	Code
2.5mm / 4.3kg	261-300
3.2mm / 6.0kg	261-400
4.0mm / 6.0kg	261-401

LINCOLN HYROD 7028 LOW HYDROGEN ELECTRODE

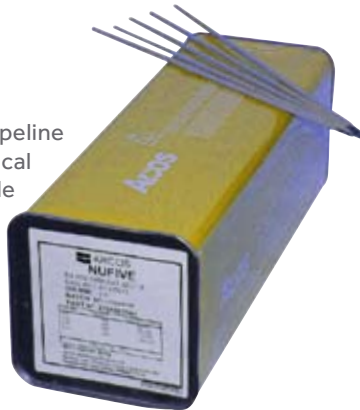
Similar characteristics to the 7018 electrode. Excellent for tack welds very easy restriking.



Size/Weight	Code
3.2mm / 4.6kg	261-500
4.0mm / 5.9kg	261-501
5.0mm / 5.2kg	261-502

NUFIVE PIPELINE ELECTRODE 6011

Cellulosic coating designed for pipeline circumferential seams using vertical down welding techniques. Suitable for root, fill and capping passes. Also suitable for vertical up and overhead plate welding.



Size/Weight	Code
2.5mm / 20kg	261-NUFIVE2.5
3.2mm / 20kg	261-NUFIVE3.2
4.0mm / 20kg	261-NUFIVE4.0



We carry a complete range of wires and electrodes, from all leading suppliers:



MAINTENANCE & REPAIR ELECTRODES

LINCOLN REPTEC CAST 1 ENICL CAST IRON ELECTRODE

A basic, nickel-cored electrode for welding normal grades of cast iron and joining cast iron to other ferrous or non-ferrous metals. Heat affected zone and weld metal easily machinable. Especially suitable for welding contaminated cast iron and repair work.



LINCOLN REPTEC CAST 3 NIFE CAST IRON ELECTRODE

Electrode with nickel-iron core for repair welding and joining all types of cast iron. Weld metal and heat affected zone are both easily machinable. Especially recommended for joints in which severe demands are made on the strength of the weld.



Size/Weight	Code
2.5mm x 1kg	282-001
3.2mm x 1kg	282-002
4.0mm x 1kg	282-003
2.5mm x 2.5kg	281-400885
3.2mm x 2.5kg	281-300A
4.0mm x 2.5kg	281-400908

Size/Weight	Code
2.5mm x 1kg	281-001
3.2mm x 1kg	281-100
4.0mm x 1kg	281-200
2.5mm x 2.5kg	281-401035
3.2mm x 2.5kg	281-300
4.0mm x 2.5kg	281-401059

OERLIKON CITOCUT CUTTING ELECTRODE

A special electrode for cutting all ferrous and non ferrous metals. The coating is designed to prevent side arcing.



HARDFACING 600 ELECTRODE

Basic coated electrode for wear resistant surfacing of steel, cast steel and high MN-Steel which are subjected to abrasion, metal to metal wear, impact and/or compression stresses. Typical weld deposit hardness of 620-720Hv.



Size/Weight	Code
2.5mm x 3.6kg	280-102
3.2mm x 3.6kg	280-100
4.0mm x 3.4kg	280-101

Size/Weight	Code
3.2mm x 5kg	280-200
4.0mm x 5kg	280-201
5.0mm x 5kg	280-201

SPECIAL ELECTRODES

HILCO ALUMINIL SI5 ALUMINIUM ELECTRODE

For welding, repairing and surfacing forged aluminium and cast AL-Si alloys and joining dissimilar aluminium alloys with max. 7% Si content.



FILARC 56R RAIL ELECTRODE

5.0mm electrode for joining rails. Please ask for specification sheet.



Size/Weight	Code
3.2mm x 1.8kg	270-H02033532T

Size	Code
Filarc 56R Rail Electrode - 5.0mm (Pkt)	261-204

Stainless Steel / Dissimilar Electrodes

LINCOLN LIMAROSTA 308L STAINLESS STEEL ELECTRODE

For 304 or equivalent steels. Mirror like bead appearance. Self releasing slag. Excellent side wall wetting, no undercut. High resistance to porosity.



LINCOLN LIMAROSTA 316L STAINLESS STEEL ELECTRODE

For 316 or equivalent steels Molybdenum level min. 2.7%. Mirror like bead appearance. Self releasing slag. Good side wall fusion, no undercut. High resistance to porosity.



Size/Weight	Code
2.5mm x 2.7kg	270-557329
3.2mm x 4.7kg	270-557367
4.0mm x 5.8kg	270-557398
5.0mm x 5.8kg	270-557404

Size/Weight	Code
2.5mm x 2.7kg	271-001
3.2mm x 4.8kg	271-002
4.0mm x 5.9kg	271-003
5.0mm x 5.9kg	271-004

LINCOLN LIMAROSTA 309S DISSIMILAR ELECTRODE

Developed for welding stainless steel to mild steel and clad steel. Excellent side wall wetting, no undercut, mirror like bead appearance. Self releasing slag. High resistance to porosity.



LINCOLN LIMAROSTA 312 DISSIMILAR / REPAIR ELECTRODE

Excellent for repair welding, specially developed for welding steels difficult to weld such as :- armour plate, austenitic Mn steel and high C steel. Excellent weldability and self releasing slag.



Size/Weight	Code
2.5mm x 2.8kg	271-309
3.2mm x 4.9kg	271-557565
4.0mm x 5.9kg	271-557589
5.0mm x 6.0kg	271-557596

Size/Weight	Code
2.5mm x 2.6kg	270-001
3.2mm x 5.0kg	270-002
4.0mm x 5.0kg	270-003
5.0mm x 5.0kg	270-004

AUTEL TRUALLOY 82 307 BUFFER ELECTRODE

For joining dissimilar steels and cladding on ferritic steels. The weld metal is highly crack resistant and therefore suited to joining difficult to weld steels and depositing stress - relaxing buffer layers on crack sensitive base metal or prior to hardfacing deposits. Weld metal WORK-HARDENS.



LINCOLN JUNGO ZERON 100X SUPER DUPLEX ELECTRODE

For Welding Zeron 100 and other "super duplex" stainless steel grades. High resistance to pitting and crevice corrosion, eg. In seawater. High strength and reliable impact toughness.



Size/Weight	Code
2.5mm x 5kg	272-TRUALLOY82/2.5
3.2mm x 5kg	272-TRUALLOY82/3.2
4.0mm x 5kg	272-TRUALLOY82/4.0

Size/Weight	Code
2.5mm x 1.4kg	272-539035
3.2mm x 1.8kg	272-539042
4.0mm x 0.8kg	272-539073

Mig Welding Wires

MILD & LOW ALLOYED MIG WIRES



SG2 MIG WIRE

Copper coated mild steel mig wire for welding mild and medium tensile steels for impact toughness down to -20C°

Size	0.7kg	5.0kg	15kg	250kg
0.6mm	200-200	200-400	200-401	-
0.8mm	201-400	201-300	201-301	201-500
1.0mm	202-600	202-301	202-400	202-500
1.2mm	-	203-301	203-400	203-500
1.6mm	-	-	204-400	204-500

**BEST
SELLER**



MILD STEEL FLUX CORED WIRE

LINCOLN OUTERSHIELD 71E-H

Used for high quality welding. Full out-of-position capability with higher deposition rates. Very suitable for welding root runs on ceramic backing. Excellent wire feeding. Superior product consistency with optimal alloy control.



Size/Weight	Code
1.2mm / kg	206-900118



SG3 COPPER COATED MIG WIRE

Copper coated steel mig wire with increased silicon and manganese for improved UTS. Precision layer wound for welding steels requiring impact toughness properties.

Size	15/18kg
1.0mm	203-SMU1.0
1.2mm	203-SMU1.2



SG3 COPPER FREE MIG WIRE

Copper Free steel mig wire with increased silicon and manganese for improved UTS. Precision layer wound for welding steels requiring impact toughness properties. Ideal for large production users. Reduced clogging and tip wear.

Size	15/18kg
1.0mm	202-501
1.2mm	202-502

GASLESS MIG WIRE

Self shielding steel MIG wire, ideal for DIY use.

Size	0.45kg	4.5kg
0.8mm	205-001	205-100



LINCOLN INNERSHIELD NR-211-MP

Designed for site welding from wirefeeder/generator setups. Versatile all-purpose Innershield wire suitable for all position welding of light gauge steel or thin plate up to 12.7mm. Low spatter and excellent weld appearance.

Size/Weight	Code
1.7mm/0.68" / 14lb	206-ED012506
2.0mm/ 5/64" / 14lb	206-ED012508

LINCOLN INNERSHIELD NR-232

Designed for site welding from wirefeeder/generator setups. High deposition rate out-of-position welding. Designed for single and multiple pass welding of 4.8mm and heavier mild steel as well as some low alloy steels. Self-peeling slag. Excellent Charpy V-Notch properties.

Size/Weight	Code
1.7mm/0.68" / 14lb	206-ED012518
2.0mm/ 5/64" / 14lb	206-ED012525

HARDFACING MIG WIRES

**BEST
SELLER**

HARDFACING 600 SOLID

Solid hard facing mig wire used in high wear resistant, high impact and abrasion applications, eg. Plant hire, piling, bucket repair etc.

Size/Weight	Code
1.2mm / 15kg	208-001

FLUX CORED HARDFACING WIRES AVAILABLE ON REQUEST.

MIG BRAZING WIRE

A copper wire containing 3% Silicon and 1% Manganese used for fusion welding materials of similar composition, copper alloys (brass) and MIG brazing steels. It is also suitable for surfacing steel and dissimilar metal applications.

Size	4kg	12.5kg
0.8mm	290-001	290-100
1.0mm	290-002	290-200
1.2mm	290-003	290-300

OTHER COPPER & MIG BRAZING WIRES AVAILABLE

Mig Welding Wires

STAINLESS STEEL MIG WIRES

We carry a full range of specialist Mig wires for all popular applications.



308LSI STAINLESS MIG WIRE

For welding 18/8 (304) austenitic stainless steels, providing good corrosion and wear resistance.

Size/Weight	Code
0.8mm / 15kg	210-001
1.0mm / 15kg	211-001
1.2mm / 15kg	212-001

316LSI STAINLESS MIG WIRE

Molybdenum bearing stainless steel with low carbon content. It is corrosion resistant for welding molybdenum bearing austenitic stainless steels.

Size/Weight	Code
0.8mm / 15kg	216-001
1.0mm / 15kg	217-001
1.2mm / 15kg	218-001

309LSI STAINLESS MIG WIRE

309 contains higher Chromium and Nickel. It can be used for joining material of similar composition and also dissimilar stainless steels.

Size/Weight	Code
0.8mm / 15kg	213-001
1.0mm / 15kg	214-001
1.2mm / 15kg	215-001

312 STAINLESS MIG WIRE

A 29.9 stainless wire suitable for difficult to weld steels (Mn steels, tool and spring steels), also dissimilar materials. High resistance to weld metal cracking.

Size/Weight	Code
0.8mm / 15kg	219-3120.8
1.0mm / 15kg	219-3121.0
1.2mm / 15kg	219-3121.2

347 STAINLESS MIG WIRE

Niobium stabilised stainless wire to prevent weld decay, giving excellent corrosion resistance. Suitable for use on 18/8 type stainless steel, Nb and Ti stabilised, such as 304, 321 and where the weld is subjected to temperatures above 400C°.

Size/Weight	Code
0.8mm / 15kg	217-3470.8
1.0mm / 15kg	217-3471.0
1.2mm / 15kg	217-3471.2

LNM ZERON 100X

For welding Zeron 100 and other "super duplex" stainless steel grades. High resistance to pitting and corrosion.

Size/Weight	Code
1.0mm / 15kg	207-ZERON1.0
1.2mm / 15kg	207-ZERON1.2
1.6mm / 15kg	207-ZERON1.6

FLUX CORED STAINLESS STEEL WIRES AVAILABLE

Specialist Mig Wires



We carry a full range of specialist mig wires for all popular applications.



SUBMERGED ARC FLUX

Basic and special flux available for all Submerged arc wires.

SUBMERGED ARC WIRE

Widely used in heavy fabrication. Good weldability and excellent crack resistance. **Please specify application when ordering.**

Size/Weight	Code
1.6mm / 25kg	207-W000285111
2.4mm / 25kg	207-W000285114
3.2mm / 25kg	207-W000285120
4.0mm / 25kg	207-W000285125

INCONEL 82 MIG WIRE

Inconel filler metal 82 is used for gas-tungsten-arc, gas-metal-arc and submerged-arc welding of Inconel alloys 600, 601 and 690, Incoloy alloys 800 and 800HT, and Incoloy alloy 330. Dissimilar-welding applications include joining INCONEL alloys, INCOLOY alloys and INCOLOY alloy 330 to Nickel, MONEL alloys, stainless steels and carbon steels. It is also used to join stainless steels to nickel alloys and carbon steels.

Size/Weight	Code
0.8mm / 15kg	293-INC8208
1.0mm / 15kg	293-INC8210
1.2mm / 15kg	293-INC8212

INCONEL 625 MIG WIRE

Inconel filler metal 625 is used for gas-metal-arc and gas-tungsten-arc welding of INCONEL alloy 625, INCOLOY alloy 825, INCOLOY alloy 25-6MO and a range of high alloy austenitic and super austenitic stainless steels. It is also used for surfacing of steel for welding 9% Ni steels and various corrosion resistant alloy's such as alloy 20. INCONEL 625 is also useful for many dissimilar joints involving INCONEL and INCOLOY alloys, carbon steels, low-alloy steels and stainless steels.

Size/Weight	Code
0.8mm / 15kg	293-INC62508
1.0mm / 15kg	293-INC62510
1.2mm / 15kg	293-INC62512



ALUMINIUM
MIG WIRES

BEST
SELLER



4043 NG21 5% SILICONE

Aluminium alloy with 5% silicone giving excellent flow characteristics and penetration. Suitable for welding duralumin, cast and wrought alloys 6063 (H9), 6061 (H20) and 6082 (H30). Weld will discolour if anodised.

Size	0.5kg	6.5kg
0.8mm	220-001	220-100
1.0mm	221-001	221-100
1.2mm	222-001	222-100



5356 NG6 5% MAGNESIUM

A general purpose aluminium wire with 5% magnesium that has excellent corrosion resistance and high strength. Suitable for welding magnesium bearing aluminium alloys such as 5251 (N4), 5154 (N5), 5454 (N51) and also heat treatable alloys 6063 (H9), 6061 (H20) and 6082 (H30).

Size	0.5kg	6.5kg
0.8mm	223-000	223-001
1.0mm	224-000	224-001
1.2mm	225-000	225-001

ALSO AVAILABLE UPON REQUEST ARE GRADES;- 1050, 4047, 5183 AND 5556.

Tig Welding Wires

MILD STEEL TIG WIRE

A15 MILD STEEL TIG WIRE

A copper coated triple deoxidised steel rod. It enables sound porosity free welds to be made on mild and low alloy steels. Commonly used in pipe welding and root runs on heavy vessels.

Size/Weight	Code
1.0mm x 5kg	230-001
1.6mm x 5kg	231-001
2.4mm x 5kg	232-001
3.2mm x 5kg	233-001

SD3 MILD STEEL TIG WIRE

Copper coated mild steel rod. Provides a nominal 1.7%Mn weld metal for welding fine grained structural steel requiring impact toughness properties down to -60C.

Size/Weight	Code
1.6mm x 5kg	237-001
2.4mm x 5kg	237-100

A18 MILD STEEL TIG WIRE

A copper coated double deoxidised steel rod. Suitable for welding mild steel and medium carbon steels. The combination of excellent weldability and reliable mechanical properties make this wire suitable for depositing root runs on pipe in all positions.

Size/Weight	Code
1.6mm x 5kg	234-001
2.4mm x 5kg	235-002
3.2mm x 5kg	236-001

HF6 HARDFACING TIG WIRE

Hard surfacing rod for metal to metal wear, such as wire guides, high speed steel, die and tool steel.

Size/Weight	Code
1.6mm x 1kg	208-ROHF61601
2.4mm x 1kg	208-ROHF62401



Stainless Steel
Tig Wire



308LSI STAINLESS TIG WIRE

For welding 18/8 (304) austenitic stainless steels, providing good corrosion and wear resistance.

Size/Weight	Code
1.6mm x 5kg	240-100
2.4mm x 5kg	240-200
3.2mm x 5kg	240-300

316LSI STAINLESS TIG WIRE

Molybdenum bearing stainless steel with low carbon content. It is corrosion resistant for welding molybdenum bearing austenitic stainless steels.

Size/Weight	Code
1.0mm x 5kg	243-001
1.2mm x 5kg	243-T31612
1.6mm x 5kg	243-100
2.4mm x 5kg	243-200
3.2mm x 5kg	243-300

347 STAINLESS TIG WIRE

Niobium stabilised stainless wire to prevent weld decay, giving excellent corrosion resistance. Suitable for use on 18/8 type stainless steel, Nb and Ti stabilised, such as 304, 321 and where the weld is subjected to temperatures above 400C°.

Size/Weight	Code
1.0mm x 5kg	244-3471.2TIG
1.2mm x 5kg	244-001
2.4mm x 5kg	244-100
3.2mm x 5kg	244-200

309LSI STAINLESS TIG WIRE

309 contains higher Chromium and Nickel. It can be used for joining material of similar composition and also dissimilar stainless steels.

Size/Weight	Code
1.6mm x 5kg	241-001
2.4mm x 5kg	241-100
3.2mm x 5kg	241-200

312 STAINLESS TIG WIRE

A 29.9 stainless wire suitable for difficult to weld steels (Mn steels, tool and spring steels), also dissimilar materials. High resistance to weld metal cracking.

Size/Weight	Code
1.0mm x 5kg	242-001
1.2mm x 5kg	242-312/1.2
1.6mm x 5kg	242-100
2.4mm x 5kg	242-200
3.2mm x 5kg	242-300

LNT ZERON 100X

For welding Zeron 100 and other "super duplex" stainless steel grades. High resistance to pitting and corrosion. High strength and reliable impact toughness.

Size/Weight	Code
1.0mm x 2kg	239-605792
1.2mm x 2kg	239-605808
2.4mm x 2kg	239-605815
3.2mm x 2kg	239-605853

Pickling Paste & Neutraliser



Description

- Antox 71E Plus Pickling Paste 2kg
- Antox NP Neutralising Paste 2kg
- Antox Brush

Code

- 175-001
- 175-005
- 175-002



ANTOX 71E PLUS PICKLING PASTE & BRUSH

Pickling paste is used to clean discoloration of the surface in the weld area and restore chrome oxide layer on the stainless.

ANTOX NP NEUTRALISING PASTE

Used to neutralise any residual substance after using pickling paste.

**THE ISOJET-3 CLEANER
NEW ECOLOGICAL STAINLESS STEEL WELD CLEANING MACHINE**

The ISOJET-3 Cleaner has several advantages over normal pickling pastes for Welded seams and fillets:

ISOJET-3 cleans and passivates stainless steel MIG & TIG welds by means of an instantaneous electrochemical reaction.

It does not leave shadows or "Halos".

Cleaning and passivation are carried out instantly without the need to wait for pickling paste to react.

ISOL-N Solution does not contain Hydrofluoric, Nitric or Sulphuric Acids.

Waste pollutants are eliminated avoiding the expense of disposal or treatment processes.

ISOJET-3 is ready for operation and can be used in the workshop without the necessity of providing a separate pickling area.

The system is portable enough to be taken to larger more complicated jobs.

MORE INFORMATION AND DEMONSTRATIONS AVAILABLE UPON REQUEST.



Aluminium Tig Wires



1050 PURE ALUMINIUM TIG WIRE

A nominal 99.5% aluminium wire for the welding of commercially pure grade aluminium in both wrought and cast forms where high electrical conductivity is important. Produces a ductile weld equal in strength to that of the base metal. The weld is capable of being hammered, stretched and drawn into shape without fracture. Typical grades include 1050A and 1200.

Size/Weight	Code
1.6mm x 2.5kg	250-001
2.4mm x 2.5kg	250-100
3.2mm x 2.5kg	250-200

4043 NG21 5% SILICONE ALUMINIUM TIG WIRE

Aluminium alloy with 5% silicone giving excellent flow characteristics and penetration. Suitable for welding duralumin, cast and wrought alloys 6063 (H9), 6061 (H20) and 6082 (H30). Weld will discolour if anodised.

Size/Weight	Code
1.6mm x 2.5kg	251-001
2.4mm x 2.5kg	251-100
3.2mm x 2.5kg	251-200

4047 12% SILICONE ALUMINIUM TIG WIRE

Aluminium rod containing 12% silicone. Good mechanical properties and excellent corrosion resistance. Suitable for silicone bearing cast aluminium alloys and wrought alloys. Do not use if fabrication is to be anodised.

Size/Weight	Code
1.6mm x 2.5kg	252-001
2.4mm x 2.5kg	252-100
3.2mm x 2.5kg	252-200

5356 NG6 5% MAGNESIUM ALUMINIUM TIG WIRE

A general purpose aluminium wire with 5% magnesium that has excellent corrosion resistance and high strength. Suitable for welding magnesium bearing aluminium alloys such as 5251 (N4), 5154 (N5), 5454 (N51) and also heat treatable alloys 6063 (H9), 6061 (H20) and 6082 (H30).

Size/Weight	Code
1.6mm x 2.5kg	253-001
2.4mm x 2.5kg	253-100
3.2mm x 2.5kg	253-200

5556A 5.3% MAGNESIUM ALUMINIUM TIG WIRE

Aluminium alloy containing 5.3% magnesium. All elements are closely controlled for optimum weld strength. Normally used for 5083 (N8), military and for roofing applications.

Size/Weight	Code
1.6mm x 2.5kg	254-001
2.4mm x 2.5kg	254-100
3.2mm x 2.5kg	254-200

3M
PROTECTIVE EYEWEAR
CAN BE FOUND ON
PAGE 118

Specialist Tig Wires



G2 TITANIUM TIG WIRE

For tig welding of G2 or similar grade titanium.

Size/Weight	Code
1.6mm / 1kg	293-G2TITANIUM1.6
2.4mm / 1kg	293-G2TITANIUM2.4

INCONEL 82 TIG WIRE

Inconel filler metal 82 is used for gas-tungsten-arc, gas-metal-arc and submerged-arc welding of Inconel alloys 600, 601 and 690, Incoloy alloys 800 and 800HT, and Incoloy alloy 330. Dissimilar - welding applications include joining INCONEL alloys, INCOLOY alloys and INCOLOY alloy 330 to Nickel, MONEL alloys, Stainless Steels and Carbon Steels. It is also used to join Stainless Steels to Nickel alloys and Carbon Steels.

Size/Weight	Code
1.2mm / 5kg	293-INC8212
1.6mm / 5kg	293-INC8216
2.4mm / 5kg	293-INC8224

SIFSILCOPPER NO 968 TIG WIRE

A copper rod, containing 3% Silicone and 1% Manganese used for fusion welding materials of similar composition, copper alloys (brass) and for tig brazing steels. It is used for surfacing and dissimilar metal joints, also tig brazing on ferrous and dissimilar metals.

Size/Weight	Code
1.6mm / 2.5kg	293-RO961625
2.4mm / 2.5kg	293-RO962425
3.2mm / 2.5kg	293-RO963225

SIFPHOSPHOR BRONZE NO 8 TIG WIRE

The Phosphor Bronze Rod contains 7% tin and is suitable for fusion welding of phosphor bronze castings and copper alloys (brass). It is also used for Tig Brazing on ferrous and dissimilar metals.

Size/Weight	Code
1.2mm / 2.5kg	293-RO081225
1.6mm / 2.5kg	293-RO081625
2.4mm / 2.5kg	293-RO082425
3.2mm / 2.5kg	293-RO083225

INCONEL 625 TIG WIRE

Inconel filler metal 625 is used for gas-metal-arc and gas-tungsten-arc welding of INCONEL alloy 625, INCOLOY alloy 825, INCOLOY alloy 25-6MO and a range of high alloy austenitic and super austenitic stainless steels. It is also used for surfacing of steel for welding 9% Ni steels and various corrosion resistant alloy's such as alloy 20. INCONEL 625 is also useful for many dissimilar joints involving INCONEL and INCOLY alloys, carbon steels, low-alloy steels and stainless steels.

Size/Weight	Code
1.2mm / 5kg	293-INC62512
1.6mm / 5kg	293-INC62516
2.4mm / 5kg	293-INC62524

SIFALBRONZE NO 32 TIG WIRE

This is a 90/10 aluminium bronze rod suitable for welding materials of a similar composition. It is used for surfacing and dissimilar metal joints, also tig brazing on ferrous and dissimilar metals.

Size/Weight	Code
1.6mm / 2.5kg	293-RO321625
2.4mm / 2.5kg	293-RO322425
3.2mm / 2.5kg	293-RO323225

SIFSILCOPPER NO 985 TIG WIRE

High quality rod containing a minimum of 98.5% copper with deoxidising elements. It is ideal for tig welding of copper.

Size/Weight	Code
1.6mm / 2.5kg	293-RO981625
2.4mm / 2.5kg	293-RO982425
3.2mm / 2.5kg	293-RO983225

BRAZING & GAS WELDING WIRES



CCMS MILD STEEL GAS WELDING ROD

A low-carbon mild steel rod ideal for all types of mild steel and wrought iron welding. It is free flowing and produces a high strength ductile weld. It is copper coated to ensure long shelf life. It is specially suitable for sheet metal panels, plates, tubes and fittings.

Size/Weight	Code
1.6mm / 5kg	292-001
2.4mm / 5kg	292-100
3.2mm / 5kg	292-200

FLUX COATED GENERAL BRAZING (SILICONE BRONZE)

Brazing Rod Like standard silicone bronze but with a full flux coating. The benefit of this rod is that you can continuously braze without having to flux dip. Again this rod is suitable for mild steel work, galvanised steel and dissimilar metal applications.

Size/Weight	Code
1.6mm / 2.5kg	291-001
2.4mm / 2.5kg	291-1523
3.2mm / 2.5kg	291-1524

SIF SUPER SILICONE NO 9 CAST IRON BRAZING ROD

This rod is suitable for full fusion welding of cast iron, providing a high strength weld metal which is easily machinable. It gives an excellent colour match and has the same structure as grey cast iron. Use SIF CAST IRON flux.

Size/Weight	Code
4.0mm / 5kg	293-RO094050
5.0mm / 5kg	293-RO095050
6.0mm / 5kg	293-RO096050
10.0mm / 5kg	293-RO091050



GENERAL BRAZING (SILICONE BRONZE) BRAZING ROD

Multipurpose low temperature rod for brazing and bronze welding of steels, cast iron, copper and its alloys. Especially suited for mild steel work, galvanised steel and dissimilar metal applications. Use SIFBRONZE flux.

Size/Weight	Code
1.6mm / 2.5kg	291-001
2.4mm / 2.5kg	291-100
3.2mm / 2.5kg	291-200

SIFALUMIN NO 16 ALUMINIUM BRAZING ROD

A rod for brazing aluminium that enables strong, neat joints to be easily produced. Difficulties can occur on alloys containing magnesium in excess of 2% and high silicone alloys. Use SIF ALUMINIUM FLUX.

Size/Weight	Code
1.6mm / 2.5kg	293-RO161625
2.4mm / 2.5kg	293-RO162425
3.2mm / 2.5kg	293-RO163225

FLUX POWDER & GAS FLUX

SIF GASFLUX LIQUID 3LTR

Specially formulated liquid of Methanol and trimethylborate, which allows fuel gas (acetylene) to absorb flux into the torch flame.

Description	Code
Gasflux Liquid 3ltr	174-100



SIF BRONZE FLUX 500G

Powder Flux for general brazing work.



Description	Code
Bronze Flux 500g	174-002

CAST IRON FLUX 500G

Powder flux for fusion welding cast iron.



Description	Code
Cast Iron Flux 500g	174-003

ALUMINIUM FLUX 500G

Powder flux for gas welding and brazing aluminium and its alloys.



Description	Code
Aluminium Flux 500g	174-004

Silver Solder

SILVERFLO 40 (BARE OF FLUX COATED)

A popular grade of Silver Solder (40% Silver) offering good capillary action and ductility in many ferrous and non-ferrous applications. This alloy is less free flowing and has a higher melting temperature. It is ideal for joints where close tolerances are not possible, or where a fillet build up is desirable. To be used with Flux.



SILVERFLO 55 (BARE OF FLUX COATED)

Cadmium Free Silver Solder (55% Silver). Free from highly toxic cadmium to conform with COSHH requirements. Free flowing and ideal for close fitting capillary joints and for colour match on stainless. Suitable for almost all applications. Low temperature short melting range (630-660°C). To be used with Flux.



Silverflo 40	1.5mm	2.0mm	2.5mm
BARE / kg	171-004	171-005	171-008
FCR / kg	171-003	171-100	171-101

Silverflo 55	1.5mm	2.0mm	2.5mm
BARE / kg	171-007	171-010	171-009
FCR / kg	171-006	171-011	171-012

SILFOS 5

The recommended self fluxing alloy for copper to copper pipe joints. Has the best balance of flow and ductility and also recommended where joints will be subjected to significant stress levels.



SILBRALLOY

An economical alternative to Silfos 5 where limited stresses only are placed on joints. Containing 2% Silver.



Description	1.5mm	2.0mm	2.5mm
Silfos 5	171-SIL51.5	171-SIL52.0	171-002

Description	1.5mm	2.0mm	2.5mm
Silveralloy	171-001	171-SILB20	171-SILB25

EASY-FLO FLUX POWDER / PASTE

Easy-Flo Flux provides a consistent viscosity and saves time. JMM fluxes contain wetting agents improving flux cover and joint quality. Excellent for 'hot rodding' and as a silver brazing flux. 500g.



Description	Code
Easy-Flo Paste - 500g	173-001
Easy-Flo Powder - 500g	174-001

GOGGLES AND VISORS CAN BE FOUND ON PAGES 120-121



Abrasives

METAL CUTTING DISCS

General purpose metal cutting disc for heavy duty applications. Good cutting speed and long life discs.

Size	Code
100 (4") x 16 x 3.0mm	312-200
115 (4 1/2") x 22 x 3.0mm	312-210
125 (5") x 22 x 3.0mm	312-202
180 (7") x 22 x 3.0mm	312-203
230 (9") x 22 x 3.0mm	312-204
300 (12") x 20 x 3.2mm	311-001
300 (12") x 22 x 3.2mm	311-002
300 (12") x 25 x 3.2mm	310-201
350 (14") x 25 x 3.2mm	312-100



RAIL CUTTING DISCS

Cut off wheels for Rail applications.

Size	Code
355 (14") x 5 x 25.4mm	311-1108R
402 (16") x 5 x 25.4mm	311-1109R



METAL SLITTING DISCS

High quality thin cutting disc providing an excellent working life high removal rate and economic efficiency. Free from Iron sulphur and chlorine. Suitable for use on Mild steel, Stainless steels and non-ferrous steels.

Size	Code
100 (4") x 16 x 1.0mm	310-001
115 (4 1/2") x 22 x 1.0mm	312-001
125 (5") x 22 x 1.0mm	312-002
100 (4") x 16 x 1.6mm	315-1101250
115 (4 1/2") x 22 x 1.6mm	310-004
125 (5") x 22 x 1.6mm	310-005
180 (7") x 22 x 1.6mm	315-1183250
230 (9") x 22 x 2.0mm	312-101





METAL GRINDING DISCS

General purpose metal grinding disc for heavy duty applications. Good stock removal and a long life disc.

Size	Code
100 (4") x 22 x 6.0mm	322-001
115 (4 1/2") x 22 x 6.0mm	322-002
125 (5") x 22 x 6.0mm	322-003
180 (7") x 22 x 6.0mm	322-004
230 (9") x 22 x 6.0mm	322-005

3M™ GREEN CORPS™ FLEXIBLE GRINDING DISCS

Gives a fast cut with smooth finish, eliminating several process steps. Contributes to a reduction in hand-arm vibration levels due to its thin, flexible construction. Applications = Weld grinding, de-scaling, heavy deburring, deflashing of flame-cut parts on metal.

Size	Code
100 (4") x 3 x 16mm	361-60105
115 (4 1/2") x 3 x 22mm	361-60630
125 (5") x 3 x 22mm	361-60634
180 (7") x 3 x 22mm	361-60638



STONE CUTTING DISCS

General purpose stone cutting discs suitable for normal building materials, concrete and hard cast iron. Good cutting speed and long life disc.

Size	Code
115 (4 1/2") x 3.2 x 22.23mm	312-6306
125 (5") x 3.2 x 22.23mm	312-A6308
180 (7") x 3.2 x 22.23mm	316-000
230 (9") x 3.2 x 22.23mm	316-001

STONE GRINDING DISCS

General purpose grinding discs for stone applications. For use on normal building materials, concrete and hard cast iron.

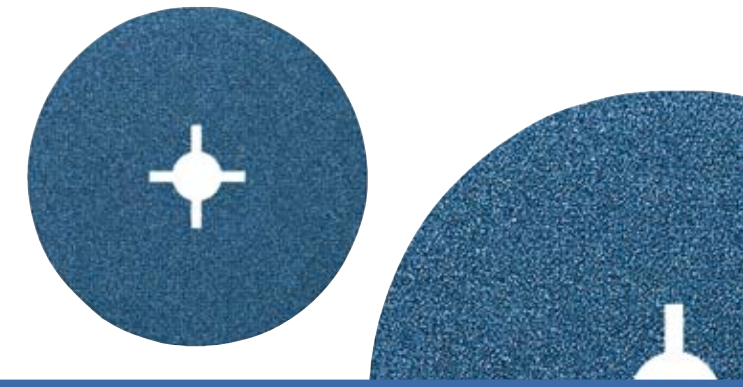
Size	Code
115 (4 1/2") x 6.0 x 22.23mm	325-115C24N
125 (5") x 6.0 x 22.23mm	325-125C24N
230 (9") x 6.0 x 22.23mm	323-3236660



Sanding Discs

STANDARD ZIRCONIUM SANDING DISC - Z

Standard Zirconium sanding disc. Good performance and a consistent quality finish at an economical price. Can be used on all metals for grinding and finishing weld seams, containers, machine parts; steel construction; industrial maintenance; general sheet metal and workshop applications.



ZIRCONIUM SANDING DISC - 3Z

Zirconia abrasive sanding disc with highly active additives. High performance and high abrasive power. Low clogging and low overheating.

ALUMINIUM OXIDE SANDING DISC - 2A

A fast and aggressive abrasive sanding disc in aluminium oxide with high abrasive power.

SPECIAL ALUMINIUM OXIDE SANDING DISC - 3A

Very fast abrasive sanding disc in special aluminium oxide with active additives for accurate sanding and finishing operations. Low overheating and low clogging properties. Special for stainless steels.



Size	Z	3Z	2A	3A
100 (4") x 16 x *	100ZXP*	1003ZXP*	1002AXP*	1003AXP*
115 (4 1/2") x 22 x *	115ZXP*	1153ZXP*	1152AXP*	1153AXP*
125 (5") x 22 x *	125ZXP*	1253ZXP*	1252AXP*	1253AXP*
180 (7") x 22 x *	180ZXP*	1803ZXP*	1802AXP*	1803AXP*

* = Grades Available P24, P36, P50, P60, P80, P100 & P120 (Specify grade when ordering)

FLEXIBLE BACKING PADS

Speed tested Nylon backing pad for sanding discs. Ultra flexible and hard wearing - fits all standard angle grinders. Supplied complete with nut.

Size	Code
20015 Flexible Backing Pad - 100(4") x 16mm / M10 x 1.25	371-200
20020 Flexible Backing Pad - 100(4") x 16mm / M10 x 1.50	371-201
20115 Flexible Backing Pad - 115(4 1/2") x 16mm / M14 x 2.0	371-203
20210 Flexible Backing Pad - 125(5") x 22mm / M14 x 2.0	371-204
20310 Flexible Backing Pad - 178(7") x 22mm / M14 x 2.0	371-205
SP-DQ-110 Flexible Backing Pad - 115(4 1/2") x 16mm / M14 x 2.0	371-100





ZIRCONIUM FLAP DISCS

Aggressive zirconia flaps of abrasive cloth mounted on a low vibration, nylon backing pad. Fast metal removal and good finish for weld removal or blending.

Size	Z40	Z60	Z80	Z120
100mm (4")	344-61780	340-002	340-003	340-004
115mm (4½")	344-61788	344-61789	341-003	-
125mm (5")	344-61796	341-101	341-102	-
180mm (7")	344-61800	-	340-202	-

SPINDLE MOUNTED FLAP WHEELS

Industrial Aluminium Oxide abrasive flap discs mounted on a 6mm shank. Recommended for rust removal, weld seam grinding and fettling in hard-to-reach areas.

Size	P40	P60	P80	P120
30 x 15 x 6mm	354-301540	354-301560	354-301580	354-3015120
40 x 15 x 6mm	354-001	354-002	354-003	-
50 x 20 x 6mm	354-005	354-006	354-007	-
60 x 30 x 6mm	354-603040	354-603060	354-603080	354-6030120
80 x 50 x 6mm	354-010	354-011	354-805080	-



NON-WOVEN SPINDLE MOUNTED FINISHING FLAP WHEELS

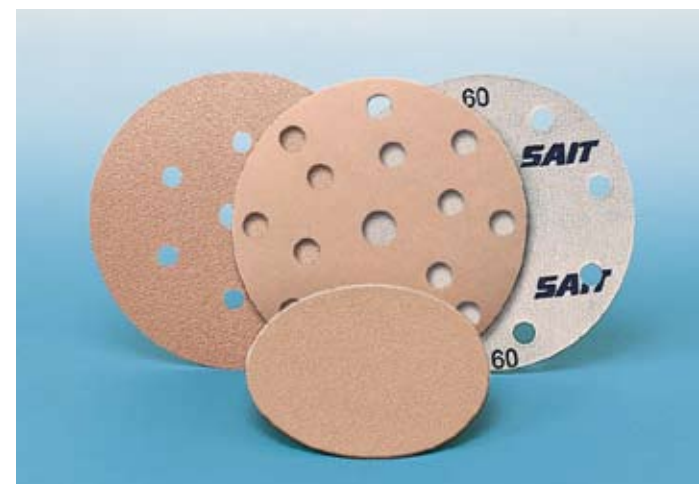
Ideal for bending, cleaning and finishing and the removal of surface contaminants with out changing dimensional details or gouging the workpiece.

Size	Coarse	Medium	Fine
50 x 50 x 6mm	354-086010	354-086012	354-086012
75 x 50 x 6mm	354-086015	354-086016	354-086017

NON-WOVEN SPINDLE MOUNTED INTERLEAVED FINISHING FLAP WHEELS

Ideal for use on Steel, Cast Iron, Stainless Steel, high alloys, Aluminium and non-ferrous materials, offering a high cut rate, combined with a uniform scratch pattern.

Size	Coarse	Medium	Fine
50 x 50 x 6mm	354-086510	354-086511	354-086512
75 x 50 x 6mm	354-086515	354-086516	354-086517



STICKIT / VELCRO ABRASIVE DISCS

Full resin bonded aluminium oxide abrasive paper, open structure. For dry operations with random orbital sanders. Smoothing of metal surfaces before painting.

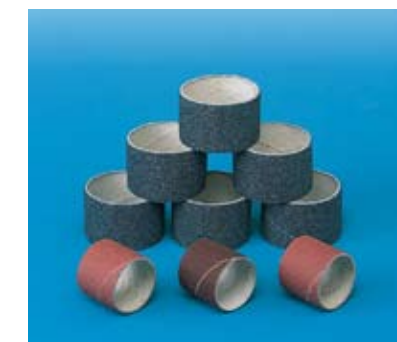
Size	P40	P60	P80	P100	P120	P180	P240	P320	P400
150 (6") Stickit Disc	357-001	357-002	357-003	357-009	357-004	357-005	357-006	357-007	357-008
150 (6") Velcro Disc	357-150P40	357-150P60	357-150P80	357-150P100	357-150P120	357-150P180	357-150P240	357-150P320	357-150P400

*MORE GRITS AVAILABLE UPON REQUEST

SPIRABANDS

Zirconium Spirabands specially bonded on tear resistant cloth. Ideal for use on hard metals such as Steel, Cast Iron, Stainless Steel and high alloys.

Size	P40	P60	P80	P120
13 x 25	356-201	356-202	356-203	356-204
19 x 25	356-301	356-302	356-303	356-304
25 x 25	356-001	356-003	356-004	356-006
30 x 25	356-401	356-402	356-403	356-404
50 x 25	356-501	356-502	356-503	356-504



* MORE SIZES AND GRITS AVAILABLE ON REQUEST

SPIRABAND HOLDERS

Rubber holders for spirabands.

Size	Code
13 x 25	355-007
19 x 25	355-008
25 x 25	355-002
30 x 25	355-009
50 x 25	355-004



**AIR TOOLS
CAN BE FOUND
ON PAGES
92-93**

3M Clean & Strip Discs

PURPLE

Pre- and post-weld cleaning in metal fabrication applications; removal of rust and other coatings. Stiffer construction means superior performance in heavier duty applications. Spindle mounted or fibre backed for use with angle grinders.



Purple Clean & Strip	Code
Rigid Disc 115(4½") x 22mm	362-05818
Spindle Mounted Disc 100(4") x 13mm x 6mm	361-003
Spindle Mounted Disc 150(6") x 25mm x 8mm	361-002

BLUE

Ideal for pre- and post-weld cleaning where more flexibility is required; rust, paint and coatings removal. A flexible disc for general purpose cleaning applications. Offers long life and improved cut rate compared to the original Black & Strip range. Spindle mounted or fibre backed for use with angle grinders.



Blue Clean & Strip	Code
Rigid Disc 115(4½") x 22mm	361-004
Spindle Mounted Disc 100(4") x 13mm x 6mm	361-001
Spindle Mounted Disc 150(6") x 25mm x 8mm	361-61169

3M ROLOC SYSTEM

Quick change disc system available in several different grades/ material abrasive. Please ask for further details.



Abrasive Lubricant

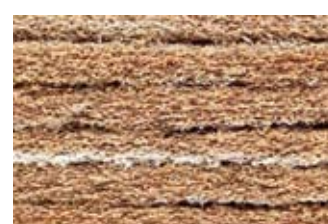
TRENDIWX

When cutting metal and abrasive materials, Trend wax lubricant will extend a blades life by keeping the blade cool at the cutting point. Simply use the Trendiwx lubricant stick at regular intervals, applying it directly onto the teeth of the stationary blade.



Description	Code
Trendiwx	520-002

GRINDERS
CAN BE
FOUND ON
PAGE 70



SCOTCH-BRITE LAP MOPS

Designed to be mounted on a tapered spindle, these products are flexible and conformable. Available in two long-life grades for a variety of applications. Satin finishing and light deburring of shaped components.

Description	Code
Maroon 100 x 6mm AVFN	361-09964
Maroon 100 x 6mm AMED	361-09965
Maroon 150 x 6mm AVFN	361-09968
Maroon 150 x 6mm AMED	361-09969



SCOTCH-BRITE ROLLS

As 'Scotch-Brite Hand Pads' but easy to cut to desired lengths for hand sanding or use with orbital sanders.

Description	Code
Maroon 100mm x 10m	364-002
Grey 100mm x 10m	364-101
Maroon 150mm x 10m	364-004
Grey 150mm x 10m	364-102

Abrasive Belts

ABRASIVE BELTS

A wide range of heavy duty clothed backed abrasive belts suitable for use with hand and machine tools. Aluminium Oxide, Zirconium and Ceramic belts available for many different applications. Any size belts available on request. Standard grits include 40, 60, 80, 120, 240 & 320.



SCOTCH BRITE SURFACE CONDITIONING BELT

Surface conditioning belt for re-graining and blending. Available for hand tool and machine tool use. Various sizes available in coarse, medium and fine grades.



TRIZACT BELTS

Ideal for fine finishing on metal including high precision and cosmetic/visual finishing. Not suitable for stock removal applications. Grades A45 through to A300 available. Size to be specified when ordering.

EMERY CLOTH ROLLS

Flexible full resin bonded aluminium oxide cloth for hand operations.

Size	P40	P60	P80	P120	P150	P180	P240
25mm x 50m	352-001	352-002	352-003	352-004	352-005	352-006	352-007
50mm x 50m	352-101	352-102	352-103	352-106	352-107	352-108	352-104
100mm x 50m	352-201	352-202	352-203	352-204	352-205	352-206	352-207
115mm x 50m	352-301	352-302	352-303	352-304	352-305	352-306	352-307



EMERY SHEETS

Flexible full resin bonded aluminium oxide cloth for hand operations. Supplied in packs of 25.

230mm x 280mm	Code
P40	351-001
P60	351-002
P80	351-003
P100	351-004
P120	351-005
P150	351-006



BEST SELLER



SCOTCH-BRITE HAND PADS

Flexible, conformable Scotch-Brite Web produces a consistent, repeatable finish without altering the geometry of the workpiece. Applications include deburring, cleaning, blending, finishing and polishing.

Size / Colour	Code
Green 155 x 255mm	363-004
Grey 155 x 255mm	363-003
Maroon 155 x 255mm	363-002
Brown 155 x 255mm	363-001

WET & DRY EMERY SHEETS

Full resin bonded silicon carbide abrasive paper with latex closed structure. For hand operations in car industry and body shops. Suitable for wet & dry use. Supplied in packs of 100.

230mm x 280mm	Code
P80	350-001
P100	350-002
P120	350-003
P150	350-004
P180	350-005
P240	350-006
P320	350-007
P400	350-008
P500	350-009
P600	350-010
P800	350-011
P1000	350-012
P1200	350-013



BELT GRINDERS CAN BE FOUND ON PAGE 77

ROTARY WIRE BRUSHES

Professional quality wire brushes available in all the popular sizes to cover most applications at very competitive prices. Other types and sizes available on request.

TWIST KNOT CUP BRUSH

Suitable for angle grinders and specialist machines. Sturdy and aggressive.

Size	Code
65mm x M14	513-501
120mm x M14	513-503



TWIST KNOT CUP BRUSH

BEVAL/PIPELINE BRUSH

Aggressive twist knot brush for heavy duty applications such as weld seams and deburring.

Size	Code
115mm x M14	513-400

STAINLESS STEEL SHAFT MOUNTED WIRE BRUSH

For use with drills and die grinders.

Size	Code
75mm	513-800
100mm	513-CSCI100

CRIMP WIRE CUP BRUSH

For angle grinders and specialist machines. Ideal for surface preparation, polishing and cleaning.

Size	Code
75mm x M14	513-602
140mm x M14	513-801

ROTARY WIDE FACE BRUSH

Aggressive twist knot brush for heavy duty applications such as weld seams and deburring.

Size	Code
150 x 20mm	513-102
200 x 20mm	513-105



SHAFT MOUNTED WIRE BRUSHES

MANY MORE SHAPES AND SIZES AVAILABLE ON REQUEST. FOR HAND WIRE BRUSHES SEE PAGE 10



BEVAL/PIPELINE BRUSH



CRIMP WIRE CUP BRUSH

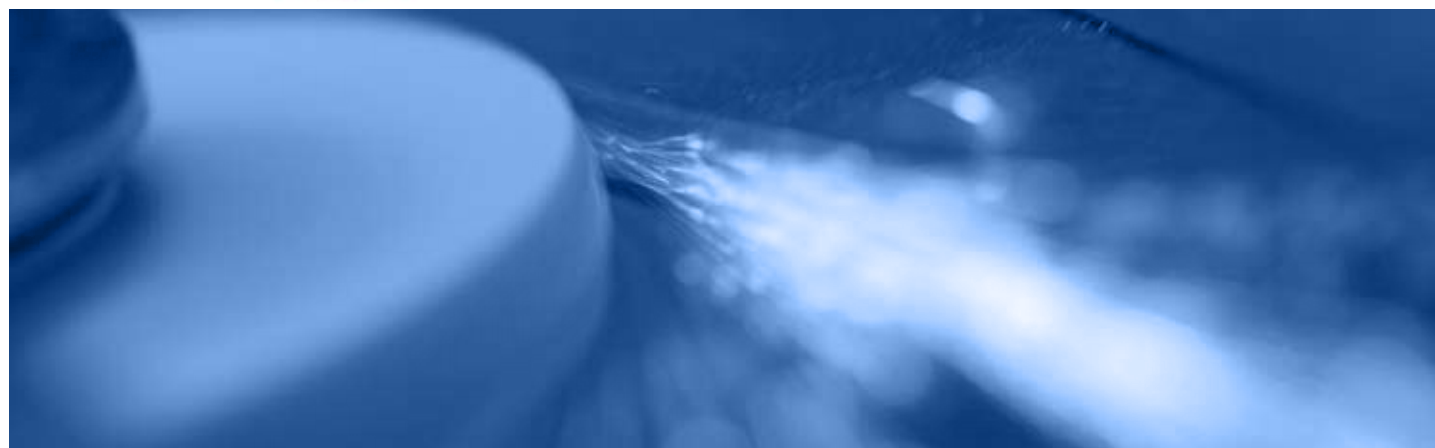
BENCH GRINDER



SEALEY BENCH GRINDER

- Compact design bench grinder with powerful induction motor for general workshop use.
- Supplied with eye shields, spark arrestors and tool rests.
- Fully CE approved electrics for operator safety.
- Supplied with coarse and fine aluminous oxide grinding stones for general workshop grinding and sharpening.

Description	Code
BG150 (6")	760-BG150XL
BG200 (8")	760-BG200XL



GRINDING WHEELS

These vitrified grinding wheels are suitable for use on most types of bench grinders.

Size	Coarse	Medium	Fine	Green Grit
150mm x 16mm	510-001	510-002	510-003	510-15016GG
150mm x 20mm	510-004	510-005	510-006	510-15020GG
200mm x 20mm	510-007	510-008	510-009	510-20020GG
200mm x 25mm	510-010	510-011	510-012	510-20025GG

- Aluminium Oxide - For normal grinding of ferrous metals.
- Supplied with bore reducing bushes and will fit bench grinders with the following sizes;- 19.05mm & 12.77mm.
- Green - Silicon carbide for grinding tungsten carbide and non-ferrous metal.



POLISHING MOPS



UNSTITCHED CALICO MOP

Zenith unstitched mop for use with polishing compounds eg. Blue or pink.

Size	Code
3" x 50	512-ZENLBB350W
4" x 50	512-ZENLBB450W
6" x 50	512-ZENLBB650W



STITCHED SISAL MOP

Zenith sisal mop for use with polishing compounds. Eg. Grey.

Size	Code
4" X 2 Section	512-ZENSIB042
6" x 2 Section	512-ZENSIB062

POLISHING COMPOUND

High quality compositions for rapid polishing and fine bright finishing operations.

LUSTRE - BROWN

For all non-ferrous metals and plastics.

HYFIN - WHITE

An excellent composition for the final polishing of stainless steel.

STEELCUT - GREY

For a bright finish on steel and stainless steel as well as the initial abrasive finishing of non-ferrous metals.



RUBBING BLOCKS

Flexible hand sanding blocks made from resilient rubber filled evenly throughout with hard aggressive grit. Garryflex blocks are ideal for cleaning and polishing all metals and ceramics.

Colour	Grade	Code
Brown	Fine	353-001
Grey	Medium	353-002
Blue	Coarse	353-003
Pink	Extra Coarse	353-004



STEEL WIRE WOOL

Industrial quality steel wool for surface preparation and finishing. Fine, Medium and Coarse available.

Power Tools

ANGLE GRINDERS



A popular range of angle grinders from the lightweight 4" machine suitable for sheet metal work to the 9" industry standard machine suitable for heavy work. All available in 110 or 240V.

Size	110V	240V	Wattage
4" (100mm)	700-100	700-101	710w
4 1/2" (115mm)	701-100	701-101	710w
5" (125mm)	702-100	702-101	710w
7" (180mm)	703-100	703-101	2000w
9" (230mm)	704-100	704-101	2000w



BOSCH

Heavy duty range of industrial angle grinders. High wattage motors for long life expectancy, lightweight and easy to use. Available with Anti Vibration handles on front and rear and available in 110v or 240v.

Size	110V	240V	Wattage
4" (100mm)	700-001	700-002	720w
4 1/2" (115mm)	701-001	701-002	800w
5" (125mm)	702-001	702-002	1000w
7" (180mm)	704-001	704-002	2200w
9" (230mm)	705-001	705-002	2200w



SANDING DISCS
CAN BE FOUND ON
PAGE 61



CORDLESS ANGLE GRINDERS

Ideal for site and mobile use, this rugged 115mm grinder can be used with all standard discs and consumables for cutting, grinding, sanding and polishing.



9" TCT CIRCULAR SAW

Heavy duty TCT hand cutter with 1700 watt motor. 82mm depth of cut with 45° bevel function.



PETROL CUTTER

Robust petrol engine cut off saw for use with a range of diamond blades or metal cutting disc.

Size	Code
12" (300mm)	702-512
14" (350mm)	702-514
16" (400mm)	702-516



14" ABRASIVE CHOPSAW

Standard 14" Chopsaw for general site duties.



14" TCT CHOPSAW

Powerful dry cutting metal Chopsaw with tungsten tipped blade for virtually spark-free cutting. 14" blade cuts up to 140mm ø or 150mm x 200mm box section. 0° - 45° mitre cuts.



JIGSAW

Quality and powerful industrial jigsaw with blower to ensure cutting line is visible. Tool - less blade change.



SPECIALIST METALWORKING TOOLS



TEK SCREW GUN

Lightweight easy-to-use gun for self drilling screws etc.



SHEARS

Industrial metal shear with mild steel capacity up to 3.2mm and stainless steel up to 2.5mm.



NIBBLER

Heavy duty metal nibbler for mild steel up to 3.2mm and stainless steel up to 2.5mm.

SANDER / POLISHERS



EDX E10

The variable speed drum sander/polisher is the perfect machine for the perfect finish. For use on flat surface finishing as well as tube polishing. Variable speed control.



EDX E20

The E20 variable speed tube sander/polisher is the ideal choice for all pipe polishing and finishing. The superb design includes adjustable arms to ensure an all round finish can be achieved with minimum effort.

EDX E15

The superb E15 variable speed weld seam & pipe polisher/sander is designed such that the application pressure acts directly on the drive roller, ensuring an unparalleled finish on all pipework including stainless steel.



MAKITA 9032 BELT SANDER

9mm filing sander with variable speed control. Excellent for weld removal and finishing in confined spaces.



ALL SPARES AND CONSUMABLES AVAILABLE FOR THE EDX MACHINES UPON REQUEST.

Stirling House | Unit 6 Beacon Road | Rotherwas Ind. Est. | Hereford | HR2 6JF

CORDLESS DRILLS



BDF451RFE DRILL DRIVER

Heavy duty 18v drill driver, 3 speed design produces 25% faster working speed with more efficiency in a wider range of applications. 2 piece armature and filled along with externally accessible brushes extend motor life. Supplied with 2 x 3.0ah batteries LI-ON.



GSR 18 VE2-LI

Professional heavy duty 18v cordless drill for drilling and screwdriving, meeting the highest standards in power precision and robustness for truly professional results.



GSB 18 VE2-LI COMBI DRILL

For outstanding work progress with more power and the highest torque and rpm in class. It's unique in battery runtime and lifetime due to Bosch premium Lithium-Ion technology.



BHP451RFE

The BHP451RFE is a powerful 3 speed all metal gearbox 18 volt Combi Drill with Lithium-ion batteries which feature a high energy density technology that will deliver nearly 300% more working capacity during the lifetime of the battery. The Combi drill features an LED job light and comes standard with a belt clip. The ergonomic design ensures that the drill fits comfortably in the operators hand with very little pressure required. The BHP451 is also fitted with an all metal chuck for extra durability.



DRILL BITS CAN BE FOUND ON PAGE 79-82

www.elmbridgehereford.co.uk | sales@elmbridgehereford.co.uk | Call today on 01432 346 190

ELECTRIC DRILLS



GSB19-2RE PERCUSSION DRILL

The fastest and most versatile tool in it's class. Powerful 2 speed drill (850watt) for fast work progress. Robust metal housing for long lifetime.

GBM13-2RE ROTARY DRILL

A powerful and precise rotary drill with 2 gears. Powerful motor for drilling up to 13mm diameter in steel with a 2 speed gear box for demanding work.



CORDLESS/ELECTRIC IMPACT WRENCHES



BTW251RFE CORDLESS

Single speed, reversible impact wrench. This tool gives 230NM fastening torque yet weighing only 1.7kg. This tool is used by steel erectors and mechanics alike.



ELECTRIC WRENCH

Powerful impact wrench for site erection work or in house work. Available in 3 different square drive sizes for different torque applications. Lightweight and easy to use.

Size / Colour	Code
1/2"	TW0350
3/4"	TW9606
1"	TW1000

MAG BASE DRILLS

Magnetic base drills for on-site and workshop use for drilling a wide range of holes. Provides the perfect solution to even the most difficult of drilling applications.



PUMA



MAX 38 PLUS



V-32



MIDI 50/50



PANTHER

Model	Puma	Panther	V-32	Max 38 Plus	Midi 50/50
MOTOR SPEC	110/230v - 800watt	110/230v - 1100watt	110v - 900watt	110/230v - 1200watt	110/230v - 1200watt
RPM	600	350 - 600	450	550	250 - 450
MAX CUTTING CAPACITY	30mm dia x 25mm deep	40mm dia x 50mm deep	32mm dia x 25mm deep	38mm dia x 50mm deep	50mm dia x 50mm deep
DIMENSION *Magnet Foot	H450 x W170 x L250mm	H510 x W180 x L265mm	H227 x W95 x L200mm	95 x 200mm*	80 X 230mm*
WEIGHT	12.2kg	14.6kg	12.5kg	10.5kg	16kg

BIGGER CAPACITY AND SPECIALIST MACHINES AVAILABLE ON REQUEST.



IMPACT SOCKETS CAN BE FOUND ON PAGE 105



CUTTERS
CAN BE FOUND ON
PAGE 82

PILLAR DRILLS

Optimum pillar drills offer value for money. Heavy duty construction with powerful smooth running motors make these drills capable for medium duty work. Available as bench mounted or floor standing. All models available in single or three phase.

Model	B23 Pro	B26 Pro	B33 Pro
Drilling capacity in steel	25mm	25mm	30mm
Spindle taper	2MT	3MT	4MT
Number of speeds	12	12	9
Table size	280 x 250mm	330 x 290mm	475 x 425mm
Motor power	750watt	750watt	1.1 kw
Dimensions	65 x 32 x 101cm	70 x 35 x 167cm	86 x 48 x 172cm
Weight	66kg	82kg	135kg

INDUSTRIAL PILLAR DRILLS AVAILABLE ON REQUEST.

PULL DOWN CIRCULAR SAWS

The Thomas range of pull down saws offer the following benefits. Fitted standard with a heavy duty anti burr jaw, mechanical coolant pump and quick lock vice. Mitres 45° left and right. Single and 3 Phase options available. Stand available as an optional extra.

Model	Export 250		Supercut 315	
Capacity	90°	45° L + R	90°	45° L + R
□ mm	70	60	95	90
○ mm	65	55	85	80
□ mm	100 x 45	65 x 50	110 x 70	85 x 70
Blade size	250ø x 32bore		315ø x 32bore	
Motor Kw	0.75 - 0.95		1.3 - 1.9	
Dimensions	L500 x W780 x H1500		L700 x W780 x H1530	
Weight	115kg		148kg	



SIP BANDSAW

SIP industrial 12" metal cutting bandsaw, 240v featuring 4 cutting speeds for maximum cutting versatility. Features include adjustable saw blade tensioner, quick moving rapid vice and built in cooling system.

SIP Bandsaw 7786	
Motor size	1hp
Cut cap. Round	170mm
Cut cap. Square	178 x 210mm
Vice cap.	300
Blade length	2362mm
Weight	130kg



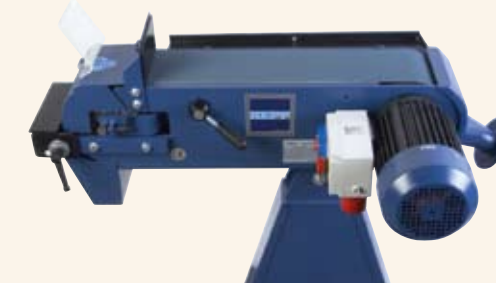
FULL RANGE OF BANDSAWS AVAILABLE ON REQUEST.



BELT GRINDERS

You will be truly amazed at the rapid rate of material removal with these high performance KEPP belt grinders. A 50mm radius in 12mm steel plate is achieved in ten seconds. They have an endless variety of applications for fabricators, blacksmiths and many others in the metalworking industry.

Model	KEPP 75	KEPP 150
Motor Kw	3	3.6
Belt Size mm	75 x 2000	150 x 2000
Weight kg	85	115
Length mm	1000	1000
Width mm	460	520
Height mm	1000	1000



KINGSLAND HYDRAULIC STEELWORKER

Compact range available including 45 and 60 ton machines. These compact machines have 5 work stations and are developed for production purposes with maximum efficiency. The machines are equipped with centralised lubrication providing a low maintenance programme.

The multi range includes 60 to 175 ton machines. This machine can be operated by two users at any one time, one operating the shear end and the other the punch end. The system gives accurate power inching at all five work stations and allows the machine to be stopped at any position giving safe and accurate tool setting and work positioning.

- Punch Station
- Angle Station
- Section Cutting Station
- Shearing Station
- Notching Station



POWERED RING ROLLING MACHINES

The powered ring rolling machines are available in shaft diameters of 35mm and 50mm. Both models provide a cost effective solution for the bending of various sections, ideal for 'jobbing' type applications. While these machines have good capacities on the larger materials, multiple passes have to be rolled to reach smaller diameters.

ROUND TUBE ROLLERS AVAILABLE AS AN OPTIONAL EXTRA.



MULTI-ANGLE BEVELLER

The lightweight portable BV30MA Beveller utilises a ten carbide insert tool holder to produce a smooth bevel finish at any angle between 15° and 60°. Compact and robust for ease of moving and convenience in use.

Engineering Consumables

DORMER A100 HSS STRAIGHT SHANK DRILLS

Manufactured from high speed steel, steam tempered the A100 is a high quality Professional jobber drill. With good self centering on a wide range of materials this drill is suitable for both hand and machine use.



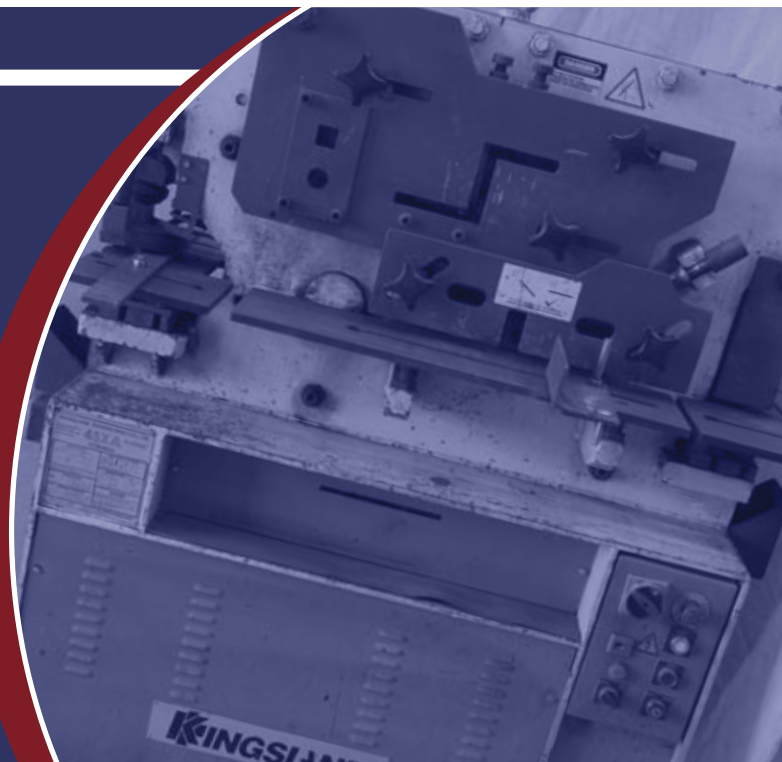
Other sizes available on request including long series drill bits.

Size	Code	Size	Code	Size	Code	Size	Code	Size	Code
1/16"	500-001	1/4"	500-012	1mm	500-100	4.9mm	500-113	8.5mm	500-128
5/64"	500-002	17/64"	500-013	1.5mm	500-101	5.0mm	500-114	9.0mm	500-129
3/32"	500-003	9/32"	500-014	2.0mm	500-102	5.1mm	500-115	9.5mm	500-130
7/64"	500-004	5/16"	500-015	2.5mm	500-103	5.2mm	500-116	10.0mm	500-131
1/8"	500-005	21/64"	500-016	2.6mm	500-104	5.5mm	500-117	10.2mm	500-132
9/64"	500-006	11/32"	500-017	3.0mm	500-105	6.0mm	500-119	10.5mm	500-133
5/32"	500-007	23/64"	500-018	3.2mm	500-106	6.5mm	500-120	11.0mm	500-135
11/64"	500-008	3/8"	500-019	3.5mm	500-107	6.7mm	500-121	11.5mm	500-136
3/16"	500-009	25/64"	500-020	4.0mm	500-108	6.8mm	500-122	12.0mm	500-137
13/64"	500-010	13/32"	500-021	4.1mm	500-109	7.0mm	500-123	12.5mm	500-138
7/32"	500-011	7/16"	500-022	4.2mm	500-110	7.2mm	500-124	12.75mm	500-139
		1/2"	500-023	4.5mm	500-111	8.0mm	500-126	13.0mm	500-140
				4.8mm	500-112	8.2mm	500-127	13.5mm	500-141

Second Hand Machinery?

Call us for your second hand machinery requirements.

We are always looking for used equipment & part exchange deals.



DORMER A170 HSS 12MM PARALLEL SHANK



Standard helix, right hand spiral 12mm parallel shank drill, often referred to as a blacksmith drill. General purpose drill, ideal for a wide range of materials where chuck holding capacity is limited. Suitable for both hand and machine use.

Size	Code
14mm	500-200
16mm	500-201
18mm	500-17018
19mm	500-202
21mm	500-17021
22mm	500-203
24mm	500-17024
25mm	500-17025

DORMER A130 HSS TAPERED SHANK DRILLS



Standard helix, right hand spiral general purpose taper shank drill.

Size	Shank	Code
13mm	No. 1 MT	500-204
14mm	No. 1 MT	500-205
16mm	No. 2 MT	500-206
18mm	No. 2 MT	500-207
19mm	No. 2 MT	500-13019
20mm	No. 2 MT	500-208
22mm	No. 2 MT	500-209
25mm	No. 3 MT	500-210

Up to 100mm available in the A130 range.

DRILL BIT SET

Fully ground jobber drill set. Coated in industrial quality TiN.

Sizes 1 - 13mm in 0.5mm increments and supplied in metal indexing box.



STRAIGHT SHANK COUNTERSINK

Countersink suitable for producing 90° accurate countersinks and deburring drilled holes.

Size	Code
8.3mm	505-28-321-083
10.4mm	505-28-321-104
12.4mm	505-28-321-124
16.5mm	505-28-321-165
20.5mm	505-28-321-205
25.0mm	505-28-321-250
31.0mm	505-28-321-310



CHIPBREAKER DRILLS

Specifically designed for the steel industry and for use in structural drilling machines to give;

- Maximum drilling performance
- Longer tool life between regrinds
- Lower cost per hole
- Reduction in production costs



Size	Code
12mm	500-CB12
14mm	500-CB14
18mm	500-CB18
22mm	500-CB22
26mm	500-CB26

OTHER SIZES AVAILABLE ON REQUEST

ALSO AVAILABLE AS OIL FEED.

MORSE TAPER SHANK COUNTERSINK

Countersink suitable for producing 90° accurate countersinks and deburring drilled holes.

Size	Code
31mm	505-28-343-310
40mm	505-28-343-400
50mm	505-28-343-500
63mm	505-28-343-630



MORSE TAPER SLEEVES



Accurately ground internal and external drill sleeve. For adapting morse taper shank tooling to machines having larger morse taper spindles.

Description	Code
Outside MT2 inside MT1	789-ROH17003
Outside MT3 inside MT2	789-ROH17004
Outside MT4 inside MT3	789-ROH17007

MORSE TAPER ARBOR



Precision machined and ground for mechanism performance. Ideal for use with custom tool and work holder designs.

Description	Code
Outside MT2 Outside MT2	789-ROH14977
Outside MT2 Outside MT3	789-ROH14978
Outside MT3 Outside MT6	789-ROH14988

MORSE TAPER EXTENSION



Morse taper extensions allow machine spindles with morse tapers to be extended when using cutting tools with a morse taper.

Description	Code
Outside MT1 inside MT2	789-EXT102
Outside MT2 inside MT2	789-EXT202
Outside MT3 inside MT3	789-EXT303

TAPS & DIES

Standard metric coarse pitch - precision engineering quality taps, ISO-529 spec.



TAPER TAP

Size	Code
M2.5 x 0.45	504-001
M3 x 0.50	504-004
M4 x 0.70	504-008
M5 x 0.80	504-012
M6 x 1.00	504-016
M8 x 1.25	504-020
M10 x 1.50	504-024
M12 x 1.75	504-028
M14 x 2.00	504-032
M16 x 2.00	504-036
M18 x 2.50	504-039
M20 x 2.50	504-042

SECOND TAP

Size	Code
M2.5 x 0.45	504-002
M3 x 0.50	504-005
M4 x 0.70	504-009
M5 x 0.80	504-013
M6 x 1.00	504-017
M8 x 1.25	504-021
M10 x 1.50	504-025
M12 x 1.75	504-029
M14 x 2.00	504-033
M16 x 2.00	504-037
M18 x 2.50	504-040
M20 x 2.50	504-043

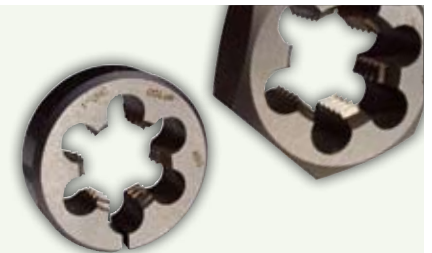
PLUG TAP

Size	Code
M2.5 x 0.45	504-003
M3 x 0.50	504-006
M4 x 0.70	504-010
M5 x 0.80	504-014
M6 x 1.00	504-018
M8 x 1.25	504-022
M10 x 1.50	504-026
M12 x 1.75	504-030
M14 x 2.00	504-034
M16 x 2.00	504-038
M18 x 2.50	504-041
M20 x 2.50	504-044

SPIRAL POINT TAP

Size	Code
M2.5 x 0.45	504-050
M3 x 0.50	504-007
M4 x 0.70	504-011
M5 x 0.80	504-015
M6 x 1.00	504-019
M8 x 1.25	504-023
M10 x 1.50	504-027
M12 x 1.75	504-031
M14 x 2.00	504-035
M16 x 2.00	504-051
M18 x 2.50	504-052
M20 x 2.50	504-053

HSS BUTTON DIES AND DIE NUTS
ALSO AVAILABLE ON REQUEST



HOLESAWS & ARBORS



Top quality bimetal holesaws, widely used for all types of hole drilling, in most materials.



HOLESAWS

Size	Code	Size	Code
14mm	787-300	32mm	787-312
16mm	787-301	35mm	787-314
17mm	787-302	40mm	787-317
19mm	787-303	45mm	787-321
21mm	787-305	51mm	787-323
22mm	787-306	60mm	787-328
24mm	787-307	69mm	787-331
25mm	787-308	70mm	787-332
27mm	787-309	83mm	787-336
29mm	787-310	92mm	787-339
30mm	787-311	105mm	787-343

ARBORS

Size	Code
14 - 30mm	787-403
14 - 152mm	787-400
32 - 210mm	787-401
Pilot Drill for arbor - Short	787-402
Pilot Drill for arbor - Long	787-106

MAGNETIC/BROACHING DRILL CUTTERS

Magnetic/broaching or annular cutters are highly successful due to their proven ability to cut more accurate holes using less energy and giving longer tool life. Because these cutters only remove metal at the periphery of the hole, on average only 25% of the material in the hole is converted into 'chips', requiring much less power than conventional twist drills - the larger the drill diameter the greater the energy saving.

Cutters listed are standard 25mm long but are available in longer lengths and larger diameters.



Size	Code	Size	Code
12mm	503-001	35mm	503-022
13mm	503-002	36mm	503-023
14mm	503-003	37mm	503-370
16mm	503-004	38mm	503-380
17mm	503-005	39mm	503-390
18mm	503-006	40mm	503-400
20mm	503-007	45mm	503-450
21mm	503-008	50mm	503-500
22mm	503-009	55mm	503-550
23mm	503-010	60mm	503-600
24mm	503-011	Short Pin to suit cutters	503-102
25mm	503-012	Long Pin to suit cutters	503-103
26mm	503-013		
27mm	503-014		
28mm	503-015		
29mm	503-016		
30mm	503-017		
31mm	503-018		
32mm	503-019		
33mm	503-020		
34mm	503-021		



PUNCHES & DIES AVAILABLE FOR ALL STEELWORKERS AND IN ALL SIZES.

PLEASE SPECIFY SIZE AND SHAPE WITH OUR SALES TEAM



BEST SELLER

MAGNETIC/BROACHING COUNTERSINKS

Good quality hardened countersinks fitted with 19mm shank to fit into any magnet drill. Range of sizes available.

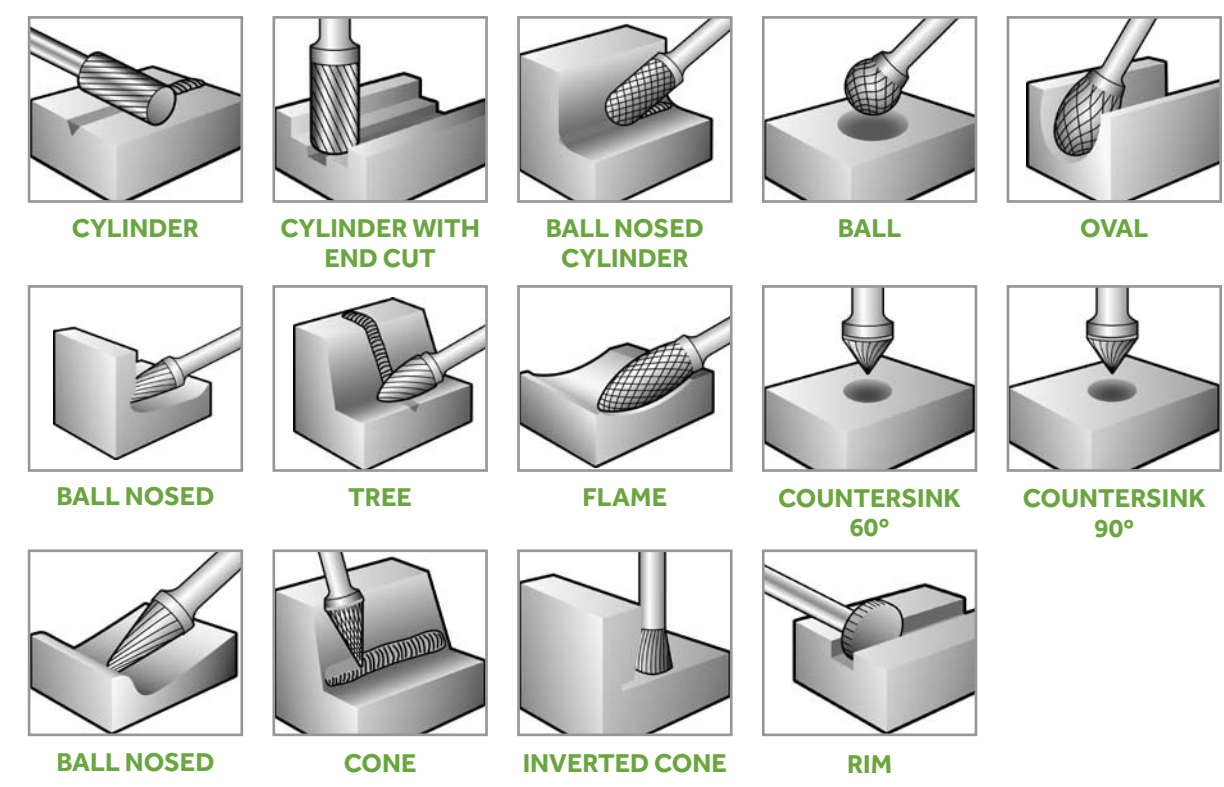
Size	Code
30mm	505-CK30
40mm	505-CK40
55mm	505-CK55



ATI GARRYSOON ROTARY BURRS

Tungsten Carbide burrs offer a solution for deburring on most metals in most positions due to the variety of shape and size options. The carbide coating gives long life and the burrs are braze tested for strength and safety.

FERROUS					NON FERROUS
STD STOCK REMOVAL	FINE CUTTING	AGGRESSIVE			
STANDARD CUT	DOUBLE DIAMOND CUT	CROSS CUT	FINE DIAMOND CUT	D-MAX / COURSE CUT	ALUMINIUM CUT



SELECT THE IDEAL BURR FOR THE APPLICATION AND CALL OUR SALES TEAM

NOGA DEBURRING TOOLS

Small hand held deburring tool for use on steel, aluminium and plastics. Supplied with 10 blades.

Description	Code
Noga Deburring Tool - Option 1	894-OPTION1



SAW BLADES



JIGSAW BLADES

A popular range of professional quality jigsaw blades for metal and for wood.

Size	Code
T118A For Thin sheet metal	781-201
T118B For Medium-thick sheet metal	781-203
T118AF Flexible for metal	781-201A
T101D For Soft Wood up to 30mm thick	781-007
T144DF For Hardwood and Laminate up to 50mm thick	781-012

BI-METAL BANDSAW BLADES

Cobra M42 premium bi-metal bandsaw blade for use on all metals. Ideal for structural and solid material. Hard wearing and excellent resistance to tooth strippage.



EVO SAW BLADES

TCT blade for dry metal cutting, hand circular saws or choppersaws. Offer burr free cut and long blade life.



Size	Code
180mm	509-EVO180
230mm	509-EVO230
305mm	509-EVO305
355mm	509-EVO355

Size	Code
2362 X 20 X 6/10	506-001A
2362 X 20 X 10/14	506-001
2450 X 27 X 5/8	506-101
2450 X 27 X 6/10	506-102
2720 X 27 X 4/6	506-103
2720 X 27 X 6/10	506-104
2750 X 27 X 4/6	506-200B
2750 X 27 X 5/8	506-200
2750 X 27 X 6/10	506-200A
3100 X 27 X 4/6	506-300A
3100 X 27 X 5/8	506-300B
3100 X 27 X 6/10	506-300
3200 x 27 x 4/6	506-301
3200 x 27 x 5/8	506-301A
3200 x 27 x 6/10	506-302
3660 x 27 x 4/6	506-500
3660 x 27 x 5/8	506-501
3660 x 27 x 6/10	506-502
3810 x 27 x 4/6	506-503
3810 x 27 x 5/8	506-504
3810 x 27 x 6/10	506-505
3810 x 34 x 4/6	506-506
3810 x 34 x 5/8	506-507
3810 x 34 x 6/10	506-508

*OTHER SIZES AVAILABLE ON REQUEST

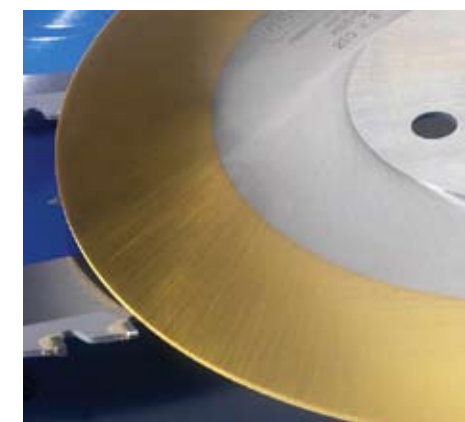
NEXT DAY DELIVERY ON MOST ITEMS - CALL NOW

SHSS CIRCULAR SAW BLADES

Quality DMo5 spec blade for general metal cutting work. Black steam treated for long life.

Please specify tooth pitch and bore size when ordering.

Size	Code
225 x 2.0mm	509-225X2X32...
250 x 2.0mm	509-250X2X32...
275 x 2.0mm	509-275X2X32...
300 x 2.5mm	509-300X2.5X40...
315 x 2.5mm	509-315X2.5X40...
350 x 2.5mm	509-350X2.5X32...



HACKSAW BLADE

Bahco Sandflex bi-metal hacksaw blades are virtually unbreakable and shatterproof. The precision ground teeth make them suitable for all types of metal sawing. With a blade back of strong flexible spring steel and a tooth line in high alloyed, SHSS, this blade is guaranteed to keep it's sharpness for a long time.

Size	Code
12" (300mm) X 18tpi	507-001
12" (300mm) X 24tpi	507-002
12" (300mm) x 32tpi	507-003



POWER HACKSAW BLADES

SHSS saw blade with Molybdenum. Heat treated for exceptional tooth hardness and wear resistance. They are suitable for cutting all types of materials but are particularly recommended for high alloy and stainless steel. Fit all popular powersaws.

Size	Code
14" X 1" X 10tpi	507-AE223R
14" x 1" x 14tpi	507-AE224H
16" x 1 1/4" x 10tpi	507-1611410
16" x 1 1/4" x 14tpi	507-1611414

*OTHER SIZES AVAILABLE ON REQUEST



WE STOCK A RANGE OF
POWER HACKSAWS
PLEASE CALL FOR DETAILS

CUTTING OILS AND LUBRICANTS

ROTABROACH CUTTING OIL - FOR MAG BASE DRILLS

Rotabroach Cutting Fluid has been specifically formulated to extend cutter life and improve cutting performance. You simply pull out the nozzle and apply the fluid directly into the reservoir on the Rotabroach machine or directly into the machine coolant bottle.



Size	Code
1ltr	520-102
5ltr	520-102R229



ROCOL RTD METAL CUTTING LUBRICANT

RTD is a high performance metal cutting lubricant containing extreme pressure additives which cling to the tool and workpiece reducing friction and prolonging tool life. Suitable for use on all ferrous and non ferrous metals even in the most severe metal removal applications.



Size	Code
400g Liquid	520-101
500g Compound	520-004
400ml Spray	520-204

MORRIS SUPERCUT 1000

High quality soluble cutting oil, suitable for use in bandsaws, cold cut saws and other applications. Excellent cooling properties and workpiece visibility.



Size	Code
5ltr	525-001
25ltr	525-002

ALL MORRIS PRODUCTS AVAILABLE ON REQUEST

MORRIS K42 EP GREASE

Multi purpose, medium density grease with extreme pressure properties.



Size	Code
400g Cartridge	524-001
3kg Tin	524-002
12.5kg Drum	524-003

SPECIALIST LUBRICANTS / GREASES AVAILABLE

WD40

All purpose liquid for displacing moisture, corrosion control, lubrication, cleaning and penetration.



Size	Code
420ml Smart Straw Aerosol	520-202
450ml Aerosol	520-209
5ltr Can c/w applicator	520-106

MOLYSLIP MWF METAL WORKING FLUID

Concentrated metal working fluid containing a unique oil-soluble molybdenum compound with extreme pressure anti-weld additives. Lubricates, reduces friction, heat and distortion of the work.



Size	Code
400g	520-100
5ltr	520-104

EAGLE CUTTING/TAPPING SPRAY

Handy aerosol cutting lubricant for general metalworking use. Ideal for cutting, drilling and sawing on site or in the workshop.

BEST SELLER



Description	Code
Eagle Cutting & Tapping Aerosol	520-103

Compressors

PETROL PORTABLE & STATIC AIR COMPRESSORS

A convenient range of petrol compressors suitable for undertaking tasks in the most difficult situations.

- Automatic pneumatic governor controls
- Full pressure range up to 145psi
- Honda Engines on all models
- Lightweight with carry handles or large wheels, makes this range of compressors ideal for site use.



Model	Motor Hp	Air Receiver Litres	Displacement CFM	Fad CFM
PE906P	4	6	7.8	4.5
PE1650S	5.5	50	15.6	11.2
PE19130	9	130	19.3	15.5
PE30130	11	130	29.8	23

DIRECT DRIVE COMPRESSORS

Fiac range of small direct drive compressors suitable for maintenance and DIY applications.

- Automatic Stop / Start Controls
- Fitted Air Regulator
- All models are 240v & supplied with 13a plug
- Heavy Duty Moulded Wheels
- Filled with oil



Model	Motor Hp	Air Receiver Litres	Displacement CFM	Electrical Phase
JUPITER 15/24	1.5	24	6.7	240V
JUPITER 20/24	2	24	8.4	240V
JUPITER 20/50	2	50	8.4	240V
MANHATTAN	1.5	24	6	110V

BELT DRIVEN COMPRESSORS

- Air-Force Range
- 13-38 CFM (Displacement)
 - CE 87 / 404 certified receivers
 - Automatic stop / start control
 - Pre wired ready to install
 - High quality low bake point finish
 - Cast iron cylinder blocks on all models



Model	Motor Hp	Air Receiver Litres	Displacement CFM	Fad CFM	Electrical Phase
AF14/50P	3.0	50	13.0	9.0	1
AF14/100P	3.0	100	13.0	9.0	1
AF14/150S	3.0	150	13.0	9.0	1
AF15/150S	3.0	150	14.5	10.5	1
AF15/200S	3.0	200	14.5	10.5	1
AF18/200S	4.0	200	18.0	13.2	1

BELT DRIVEN COMPRESSORS

- Air-Main Range
- Slow running pump
 - Cast iron cylinder block
 - Heavy duty industrial motor
 - Air receiver built to Ce 87 / 404 & Bsen 286 / 1 standards
 - Pre wired starter / pressure switch
 - Thermal overload
 - Filled with oil



Model	Motor Hp	Air Receiver Litres	Displacement CFM	Fad CFM	Electrical Phase
25/50P/110	2.5	50	10.8	7.7	110V
25/100P/110	2.5	100	10.8	7.7	110V
30/160	3.0	160	14.0	10.4	1/3
55/200	5.5	200	23.0	18.5	3
75/200	7.5	200	29.9	24.9	3
55/272	5.5	272	23.0	18.5	3
75/272	7.5	272	29.90	24.9	3

ROTARY SCREW COMPRESSORS

- Silver Range
- Powerful heavy duty motor
 - Encapsulated air-end
 - Easy control unit
 - Reduced maintenance costs
 - Aesthetic design

- CRS Range
- Encapsulated air-end
 - Compact design
 - Quiet noise levels, as low as 68 Bb (A)
 - Automatic belt tensioner
 - Automatic shut-off
 - External intake dust filter
 - Micro-processor controlled



Model	Motor Hp	CFM @ 8 Bar	CFM @ 10 Bar	Air Receiver Litres	Sound Pressure Db(A)	Electrical Phase
SILVER 10/300	10.0	33.0	30.2	270	67	3
SILVERD 10/300	10.0	33.0	30.2	270	67	3
CRS 7.5/300	7.5	28.0	24.0	270	67	3
CRS 10/300	10.0	37.5	34.3	270	67	3
CRS 15/300	15.0	56.0	51.2	270	68	3
CRS 20/300	20.0	74.0	65.5	270	69	3

AIRBLOK SCREW COMPRESSORS

- Airblok Range
- Compact design
 - Totally enclosed
 - Vertically mounted suction valve - no oil return
 - Quiet noise levels, as low as 65 Db(A)
 - Star Delta starter standard on all models
 - Easy access to all electrical components and service items
 - Microprocessor controlled 'check control' panel - simple to programme and use, incorporates service schedule countdown, internal fault read-out, constantly monitoring all major components giving peace of mind to the user
 - Patented automatic belt tensioner



Model	Motor Hp	CFM @ 8 Bar	CFM @ 10 Bar	Weight
AIRBLOK 10	10.0	42.0	36.0	278
AIRBLOK 15	15.0	58.0	53.0	283
AIRBLOK 20	20.0	85.0	72.0	288
AIRBLOK 252	25.0	101.0	89	410
AIRBLOK 302	30.0	119.0	108	431
AIRBLOK 40	40.0	169.0	145.0	707
AIRBLOK 50	50.0	200.0	181.0	715

AIR RECEIVERS AVAILABLE TO ORDER

We often run special offers on Compressors - Call for our latest prices

AIR HOSES AND FITTINGS

**CUSTOM AIR HOSES
BUILT TO ORDER,
PLEASE CALL FOR DETAILS
01432 346190**



BLACK RUBBER AIR HOSE

Size	Code
6mm x 30mtr	568-200
8mm x 30mtr	568-201
10mm x 30mtr	568-202
13mm x 30mtr	568-203
19mm x 30mtr	568-204

MADE UP AIR HOSE WITH 1/4" SWIVEL CONNECTORS

Size	Code
10mtr x 5/16"	568-210

WE STOCK THE WHOLE RANGE OF JOHN GUEST AIR FITTINGS FOR AIR RING MAINS - Please ask for details.



**BEST
SELLER**

WE STOCK A RANGE OF GALVE FITTINGS SUITABLE FOR USE WITH AIR SYSTEMS.

PCL QUICK RELEASE AIR FITTINGS



STANDARD COUPLERS

Size	Code
1/4" BSP Male	565-103
3/8" BSP Male	565-104
1/2" BSP Male	565-105
1/4" BSP Female	565-100
3/8" BSP Female	565-101
1/2" BSP Female	565-102

SCREWED ADAPTORS

Size	Code
1/4" BSP Female	565-300F
1/4" BSP Male	565-300
3/8" BSP Male	565-301

STANDARD ADAPTER HOSE TAIL

Size	Code
1/4" Tail	565-303
5/16" Tail	565-304
3/8" Tail	565-305

STANDARD BRASS HOSE TAIL

Size	Code
1/4" BSP	565-306
5/16" BSP	565-400
3/8" BSP	565-402
1/2" BSP	565-404

STANDARD COUPLER HOSE TAIL

Size	Code
1/4" Tail	565-106
5/16" Tail	565-107
3/8" Tail	565-108

DOUBLE HOSE TAIL

Size	Code
1/4" Tail	153-017
5/16" Tail	153-018
3/8" Tail	153-019

**NEED AN AIRLINE IN YOUR WORKSHOP?
CALL OUR SALES TEAM FOR A QUOTE.**

PLASMA CUTTERS
CAN BE FOUND ON
PAGE 32-35

IMPACT WRENCHES

A range of heavy duty high torque air impact wrenches designed for power, control, accuracy and comfort. Range of sizes cover from heavy use to light use applications.



Square Drive	Max Torque	Average Cfm	Weight Kg	Code
1/2"	1015 Nm	6	1.95	562-601
3/4"	1356 Nm	8	3.65	562-602
1"	2700 Nm	13.4	7.68	562-603

DRILLS

Air drills available in straight, angled and pistol body types. Ideal for general drilling in the workshop or on site. Smooth and efficient air motor, lightweight and powerful.



STRAIGHT

Capacity	Free Speed	Average Cfm	Weight Kg	Code
10mm	4,500 rpm	5	0.94	562-SP-D122

ANGLED

Capacity	Free Speed	Average CFM	Weight Kg	Code
10mm	1,800 rpm	5.4	1.11	562-SP-D117

PISTOL

Capacity	Free Speed	Average CFM	Weight Kg	Code
13mm	2,200 rpm	3.8	1.57	562-SP-D136

DIE GRINDERS

Die grinders with 1/4" collet for use with tooling with fixed shaft. These include flap wheels, rotary burrs, mounted points etc.

STRAIGHT

Collet Size	Free Speed	Average CFM	Weight Kg	Code
1/4"	20,000 rpm	4.9	0.61	562-SP-G700



90° DIE GRINDER

Collet Size	Free Speed	Average CFM	Weight Kg	Code
1/4"	18,000 rpm	5.3	0.5	562-SP-G707



AIR HAMMER KIT

Medium stroke air hammer for general purpose use. Ideal tool for removing rust and other alien properties on metal surfaces.



Blows p/min	Stroke	Average CFM	Weight Kg	Code
3,200	2 5/8"	3.3	1.5	562-SP-510K

AIR SANDERS

Ideal for finishing body filler and sanding contoured surfaces. Heavy duty balanced ball bearing construction for vibration free performance.

150MM DUAL ACTION SANDER

Pad Size	Free Speed	Average CFM	Weight Kg	Code
6" (150mm)	10,000 rpm	4	1.89	562-100



150MM RANDOM ORBITAL SANDER

Pad Size	Free Speed	Average CFM	Weight Kg	Code
6" (150mm)	10,000 rpm	6.3	1.58	562-SP904



ORBITAL FLAT BED JITTERBUG SANDER

Pad Size	Free Speed	Average CFM	Weight Kg	Code
90 x 165mm	7,000 rpm	3.5	1.85	562-SP933



BELT SANDERS

Robust, powerful belt sander designed for professional workshop applications. Ideal for sanding awkward shapes and angles.



Belt Size	Free Speed	Average CFM	Weight Kg	Code
10 x 330mm	10,000 rpm	5.6	0.78	562-102
20 x 520mm	16,000 rpm	5.9	1.36	562-SP937

ANGLE GRINDER

Professional grinder for heavy workshop use. Ideal for grinding, deburring, cutting or finishing. Perfect for cleaning castings and smoothing welds. Steel disc guard, throttle safety device and side handle for easy operator control.

Wheel Size	Free Speed	Average CFM	Weight Kg	Code
4"	12,000 rpm	6.2	1.82	562-SP-A2112-4
5"	12,000 rpm	6.2	1.82	562-SP-A2112-5
7"	7,000 rpm	6.2	3.2	562-SP-A2118



STRAIGHT NEEDLE SCALER

Suitable for cleaning rust scale and heavy paint from metal surfaces. 19 hardened alloy steel, replaceable needles for increased productivity.

Blows p/min	Average CFM	Weight Kg	Code
4,000	9.9	2.8	562-SP-S115



RIVETER

Quality riveting tool for aluminium, steel and stainless steel rivets. Ideal for high production work.

Rivet Size	Average CFM	Code
2 - 4.8mm	0.5	562-400
2 - 6.4mm	0.5	562-401



Cleaning

KÄRCHER's range of medium class high-pressure cleaners are ideal for cleaning machinery, vehicles or yards on a daily basis. High water flow and pressure rates ensure thorough cleaning results even with stubborn dirt. Thanks to the upright build these units take up surprisingly little space, ideal for use in the hire/fleet and building trades.

Specification		HD 5/11 C 110v/240v	HD 5/12 C Plus	HD 6/13 C Plus
Power supply	Ph/v/Hz	1/110/50	1/240/50	1/240/50
Water flow rate	l/h	400	500	230-560
Pressure	bar/Mpa	100/10	110/11	30-130/3-13
Motor	kW	1.6	2.2	2.7
Weight	kg	19	19	24.8



KÄRCHER's compact range of hot water high-pressure cleaners offer excellent performance in small, high value packages. With a single dial for simple operation and a highly efficient and powerful diesel burner, in a package that is less than a metre long and only 60cm wide the compact power washers offer many of the virtues of the larger HDS machines.

Specification		HDS 601 C Eco 110v/240v
Power supply	Ph/v/Hz	1/110/50
Water flow rate	l/h	290-550
Pressure	bar/Mpa	30-90/3-9
Motor	kW	2.6
Weight	kg	94

KÄRCHER's new HDS medium class hot water high-pressure cleaners reach new levels of performance, reliability and economy. Extensive research and development combined with unrivalled design and manufacturing capabilities make the new HDS, KÄRCHER's best pressure washer ever.

Specification		HDS 7/10-4 MX	HDS 10/20-4 M
Power supply	Ph/v/Hz	1/240/50	3/420/50
Water flow rate	l/h	350-700	500-1000
Pressure	bar/Mpa	30-100/3-10	30-200/3-20
Motor	kW	3.1	7.8
Weight	kg	145	171



PETROL ENGINE PRESSURE WASHERS

A range of petrol engine driven pressure washers offering high versatility and suitability for a wide range of heavy-duty industrial and commercial applications. A world leading interpump direct drive pump powered by an ultra reliable Honda petrol engine ensures the machines have a long & trouble free life.



Specification	CF12150PHR	CT13200PHR	CT15250PHR
Engine	Honda 5.5hp	Honda 8hp	Honda 13hp
PSI	2175	2900	3625
Kg	36	48	60

*SPECIAL BUILD & DIESEL ENGINE PRESSURE WASHERS AVAILABLE UPON REQUEST

Scrubber Driers

KÄRCHER BR40/10 C ADV

Large area scrubber drier with separate clean and dirty water tanks designed for convenience and safety. Adjustable contact pressure to suit different floor types. Wide range of pads and brushes available with fast, tool-free change.

- 400mm scrubbing width
- 10ltr tanks
- 1100rpm brush speed



NUMATIC TT3035

The TT3035 has been developed on Numatics tried and tested mains operation design. Provides easy operation, high performance and 100% reliability. This compact cleaner provides optimum operational efficiency by virtue of the integrated front end dual suction nozzles. It achieves effective cleaning and water pick up from wall to wall.



VACUUM & FLOOR CLEANERS



NUMATIC HENRY

Powerful 1200watt dry vac with 2 stage motor and 2 speed Hi/Lo auto save operation. 10mtr cable with rewind system.



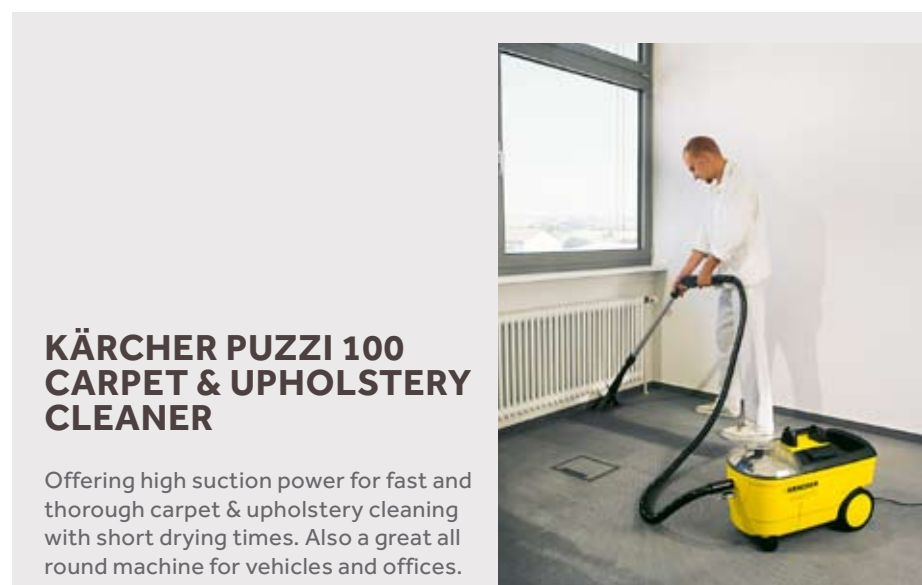
NUMATIC GEORGE

All in one vac offering 5 cleaning options. Dry or wet vacuuming, scrubbing and drying of hard floors, cleaning carpets and upholstery.



NUMATIC WET & DRY VACUUM

Large commercial/industrial wet and dry vacuum with dual staged motors 2400watt giving 80l/sec air flow. Includes the tipper system and excellent mobility.



KÄRCHER PUZZI 100 CARPET & UPHOLSTERY CLEANER

Offering high suction power for fast and thorough carpet & upholstery cleaning with short drying times. Also a great all round machine for vehicles and offices.



HAND CLEANERS

Size	Code
4 ltr	663-001
12.5 kg	665-001

SWARFEGA HEAVY DUTY

The original heavy duty hand cleaner with non-abrasive polygrains to remove ingrained workshop soiling.



Size	Code
4.5 ltr	663-300
5 ltr	664-200
15 ltr	666-100

SWARFEGA LEMON

Advanced formulation hand cleaner with surfactant cleaning agents and polygrains to remove oil, grease adhesives and general soiling quickly and effectively.



Size	Code
4 ltr	663-200
15 ltr	666-101

SWARFEGA ORANGE

Hand cleaner for fast action and easy cleaning of hands. Solvent free had advanced formulation using natural ingredients, removes grease, grime, oil, tars and is suitable for use in most work areas.



Size	Code
4 ltr	663-100
15 ltr	665-100

SWARFEGA ORIGINAL (GREEN GEL)

Advanced smooth gel cleaner which rapidly removes a wide range of soiling.



Size	Code
Tube of 150 wipes	661-500

SWARFEGA RED BOX WIPES

Heavy duty, extra large wipes easily remove a variety of heavy duty soiling. Fast acting, leaving no soiling on the skin.



Size	Code
Tube of 50 Wipes	666-HTW50

CLEEN HANDS TEXTURED HAND WIPES

Based on non-toxic solvents and mild agents and contain no hydrocarbon related solvents or alkalis. These wipes are for the removal of heavy duty and ingrained soils from the hands and removal of oils and greases.




Size	Code
5 ltr	666-305
15 ltr	666-3015

CLEEN HANDS HEAVY DUTY HAND GEL CLEANSER

Specially created to satisfy the demand for a high performance and economically priced product. For the effective removal of oil, grease, bitumen, fat, resin, rubber and wood stain.



 **DISPOSABLE GLOVES**
CAN BE FOUND ON PAGE 124

DISPENSER STYLE HAND CLEANER CARTRIDGES

STEP 1 : PROTECT

Product	Description	Code
Protect Plus 150ml	Skin cream helps protect the skin against contact with water	650-DPP150ML
Protect Plus 1ltr	and non-water based contaminants.	650-002
Pure 2ltr - Light duty	Translucent, pure lotion hand cleaner with natural coconut oil.	661-001
Pure 4ltr - Light duty	Removes light oil and grease soilings and general dirt and grime.	660-001
Lime 2ltr - Medium duty	Powerful cream hand cleaner with non-abrasive natural cornmeal scrub and lime extract.	661-200
Lime 4ltr - Medium duty		662-001
Natural 2ltr - Heavy duty	Powerful citrus hand cleaner with non-abrasive natural cornmeal hand scrub and orange oil.	661-300
Natural 4ltr - Heavy duty		662-100
Restore Plus 150ml	A mild, pleasant-to-use super hydrating after-work conditioning	650-DRP150ML
Restore Plus 1ltr	cream. Increases skin moisture by approx 60%.	650-201

STEP 2 : CLEANSE

STEP 3 : RESTORE



DEGREASING AND MAINTENANCE PRODUCTS

JIZER



Water rinsable machinery and parts degreaser with a powerful blend of aliphatic and aromatic hydrocarbons through all oil based soilings.

Size	Code
500ml Aerosol	670-001
5ltr	672-005
25ltr	672-001
200ltr	673-001

CONTECT (DUCK OIL)



Silicon-free, multi purpose service spray which lubricates moving parts; penetrates to loosen seized or rusted components; displaces moisture and 'damp starts'.

Size	Code
500ml Aerosol	670-100
5ltr	671-400
25ltr	672-100



JANITOL ORIGINAL

Versatile, multi-purpose, low odour degreasing detergent. Non-caustic.

Size	Code
5ltr	671-200
25ltr	672-400



JANITOL PLUS

Heavy duty surface degreaser removes ground-in and burnt-on food deposits. Low odour and non-caustic.

Size	Code
5ltr	671-300
25ltr	672-500
200ltr	673-200



JANITOL WASH-UP

Concentrated washing up liquid with a long lasting foam. Quickly removes oil and grease.

Size	Code
5ltr	664-TOT5L



ALTRANS

Acidic metal cleaner. Biodegradable.

Size	Code
5ltr	671-100



WASH & WAX

A superoior car shampoo for general washing and waxing, which leaves a streak-free finish. Contains wax for an enhanced shine.

Size	Code
5ltr	671-001



SWARLEGA POWERWASH FORMULA

A multi-purpose, powerful ready-to-use traffic film remover which is ideal for use on most vehicle types for cleaning of chassis and bodywork.

Size	Code
25ltr	672-200



WASHING UP LIQUID

An effective hand dishwashing detergent for washing up crockery and utensils. Removes grease with ease for perfect wash results every time.

Size	Code
5ltr	666-020822



CLEAN HANDS UNIVERSAL BARRIER & RECONDITIONING CREAM

A smooth white odourless lotion which protects the skin against wet or dry contaminants. Suitable for skin protection on any part of the body. Can be used in food processing areas, without fear of tainting foodstuffs.

Size	Code
500ml	666-30500



PINE DISINFECTANT

A clear green quaternary disinfectant suitable for floors, walls, bins and drains. Removes unpleasant odours.

Size	Code
5ltr	631-500



BLEACH

A high active thick bleach with added viscosity, allowing the bleach to cling to the surface for longer, providing more effective cleaning.

Size	Code
5ltr	631-400



GRAFFITI REMOVER

Removes aerosol spray, marker pen and ballpoint pen from stone, plastic and brickwork.

Size	Code
750ml	686-301

*ALL PRODUCT RANGES AVAILABLE FROM:-



PAPER TOWEL

Range of blue/white 2ply paper towel.

Description	Code
2 Ply Blue Large	644-001
2 Ply White Large	642-001
2 Ply Blue centre Feed	643-002



TOILET ROLLS

Range of top quality toilet rolls and hand drying towels.

Description	Code
Standard toilet Roll (40)	645-001
Mini Jumbo Toilet Roll (6)	645-200
Jumbo Toilet Roll (6)	645-400



RAGS

Coloured (mixed) rag and white (cotton) rag.

Description	Code
10kg Coloured rag	647-001
10kg White rag	647-100



C FOLD HAND TOWEL

Description	Code
C fold hand towel (2880)	646-001

Site & Safety



TRADE TAPE

Professional quality 3 metre tape with shock-proof rubber casing. Perfect for all in the building trade. From engineers and fabricators to architects & surveyors our quality tape measure is bound to 'measure up to the job'!

Size	Standard	Magnetic
5 mtr	860-201	860-201A
7.5 mtr	860-202	n/a
10 mtr	860-203	n/a



ESC FISCO TAPE MEASURE

Durable ABS case tape. Contour shape fits comfortably in hand. Hi-Viz colour makes it easy to find. Unique slide lock for easy control. Triple riveted reinforced end hook and belt clip. *Available in Hi-Viz Orange, Yellow and Green.

Size	Code
5 mtr	860-FISCOHI-VIZ5M
8 mtr	860-FISCOHI-VIZ8M



STANLEY POWERLOCK

The powerlock tape features a spring return, durable blade in a chrome plated plastic case. Automatic blade return with thumb operated lock. Detachable steel belt clip.

Size	Code
3 mtr	860-001
5 mtr	860-002
8 mtr	860-003
10 mtr	860-004



SURVEYORS TAPE MEASURE

Professional grade, high specification surveying tape features an impact resistant moulded ABS open frame, ultrasonically welded for extra strength. Long winding lever and easy grip knob for quick rewinding *Tape width is 13mm.

Size	Code
30 mtr	860-FSCEX3014
50 mtr	860-FSCEX5015



STEEL RULE - 64R

An engineers, precision, rustless rule, metric/imperial on 2 sides, 4 edges. Imperial side is graduated to 16ths, 32nds, 64ths, 10ths, 20ths, 50ths, 100ths. Metric side is graduated to 0.5mm. Class 1 rule.

Size	Code
150mm/6"	862-001
300mm/12"	862-002
600mm/24"	862-003

FOLDING RULE - 60R

The Line of Chords Scale rule incorporates a scale from 0° to 120° in 1/2° increments. The circumference scale indicates the circumference by measuring the diameter. 600mm/24" length.

Size	Code
Folding Rule 600mm	862-135333



LEVELS

Traditional light alloy box section spirit level with smooth powder coated surface, supplied with 1 horizontal and 1 vertical vial. The ideal level for DIY or professional use, especially wet trades due to the ease of cleaning the level profile.

Size	Code
40cm/16"	865-STB7040
60cm/24"	865-STB7060
80cm/32"	865-STB7080
90cm/36"	865-STB7090
100cm/40"	865-STB70100
120cm/48"	865-STB70120



TORPEDO, SCAFFOLD & BOAT LEVELS

Extremely sturdy cast light alloy bodied level, withstands knocks and drops and is conveniently sized to be easily carried and handled. It's slim bevelled shape makes it suitable for using in cramped spaces - 1 horizontal and 1 vertical vial.

Size	Standard	Magnetic
250mm/10"	865-003	865-002

CHALK LINES & REFILLS

Quick and effective line marking when building or decorating. The die cast body contains a line reel, which passes through a reservoir of coloured chalk (not supplied). It becomes coated as it is reeled out. Snapping the taut line against a surface deposits the colour chalk leaving a visible but temporary line to work to. Length of line is 30mtr. Powdered chalk in container with easy pouring spout. For use in chalk reels.

Size	Code
Blue/113g	825-100
Red/113g	825-101
White/113g	825-200



DIGITAL VERNIER CALIPERS

Manufactured from hardened stainless steel, this three function electronic digital caliper provides precision readings through a clear liquid crystal display. Its many features include a fine adjustment roller which allows precise measurements to be taken quickly and easily.

Description	Code
Digital Vernier Caliper	863-24600150



COMBINATION SQUARE

A versatile measuring instrument which can be used as a try and mitre square, depth gauge, steel rule and straight edge. Spirit level gives horizontal plumb on 45 degree readings. Centre head enable the centre of circular objects to be located.

Description	Code
12" Combination Square	863-500



COMBINATION SET

Combination Set complete with square head, centre head reversible protractor head and blade.

Description	Code
12" Combination Square Set	863-MIT180907



ENGINEERS SQUARE

Carefully crafted from high quality tool steel, these squares are accurate to BS939 Grade B standard. The stock and blade are precision ground to ensure straightness and accuracy, and spring steel blade is hardened and tempered for increased durability.

Size	Code
150mm/6"	863-100
230mm/9"	863-101
300mm/12"	863-102



HAMMERS

BALL PEIN

Universal engineers metal working hammer, precision ground with hardened striking faces to withstand the rigours of all metal working applications. Fitted with a traditional hickory handle.

Size	Code
1/2 lb	820-002
3/4 lb	820-003
1 lb	820-004
1.1/2 lb	820-005
2 lb	820-006
2.1/2 lb	820-FAIBPH40
3 lb	820-FAIBPH48



SLEDGE HAMMER

A general purpose hammer for builders and contractors. Both striking faces are precision ground, specially hardened and heat treated to withstand the highest impact applications. With a selected fully seasoned hickory handle, fitted by a unique combination wedge.

Size	Code
10 lb	823-001
14 lb	823-002



COPPER - RAWHIDE HAMMER

Malleable iron head fitted with one rawhide and one copper face and a wooden handle. Ideal for use where a heavy blow is required in a relatively small striking area. Both face's are designed to wear and be replaced - spare faces are available.

Description	Code
Copper - Rawhide Hammer Size 1	822-400
Copper - Rawhide Hammer Size 2	822-401
Copper - Rawhide Hammer Size 3	822-402
Copper - Rawhide Hammer Size 4	822-403
Copper - Rawhide Hammer Size 5	822-THO222



NYLON HAMMER

Chrome plated zinc head with two screw-in nylon faces which are designed to be replaced when worn. Used as a multi-purpose striking tool in most assembly applications including engineering, furniture, shopfitting, partitioning, double glazing and injection moulding operations.

Description	Code
Nylon Hammer 1lb	822-001
Nylon Hammer 11/2lb	822-002
Nylon Hammer 2lb	822-003
Nylon Hammer 23/4lb	822-004



CLUB HAMMER

A general purpose hammer for builders and contractors for delivering close heavy blows. Precision ground striking faces, specially hardened and heat treated to withstand the most high impact heavy applications. Fitted with either a selected fully seasoned hickory handle or a rubber non-slip handle grip.

Size	Hickory Handle	Rubber Handle
2 1/2 lb	823-FAIHC212C	823-100
4 lb	823-FAIHC4C	823-101



CLAW HAMMER

A carpenters hammer with precision ground and hardened claws to withstand the most heavy nail pulling. Securely fitted with steel shaft providing maximum leverage. Rubber non-slip handle grip.

Description	Code
20oz Claw Hammer	821-001



SPANNERS AND SOCKETRY



COMBINATION SPANNER

Top quality spanner manufactured for chrome vanadium steel with a satin finish. Proven to be the best overall choice for performance, strength and value for money. **Available sizes:- Metric= 6 - 52mm / Imperial= 1/4" - 2"** Please specify size with code when ordering.

Description	Code
Combination Spanner Metric	800-(product size)
Combination Spanner Imperial	802-(product size)



RATCHET COMBINATION SPANNER

Ratcheting combination spanner. Combined ring/open ended spanner and 72 teeth 12 point ring ratchet with flip reverse. Same size at both ends. Chrome vanadium, satin finish. **Available sizes:- Metric= 7 - 32mm. Please specify size with code when ordering.**

Description	Code
Ratchet Combination Spanner Metric	803-(product size)



BEST SELLER

RING PODGERS

Ring podgers for best grip on bolts, ideal for steel erectors. Simply the best quality podgers available. **Also available as open ended.**

Description	Code
17mm	806-001
19mm	806-002
24mm	806-003
30mm	806-004
36mm	806-005



RATCHET PODGERS

Twin head ratchet podger spanner for fast bolt tightening or release. Strong design and forward/reverse lever.

Description	Code
17 x 19mm	807-001
24 x 27mm	807-003
24 x 30mm	807-002



RATCHETS

Heavy duty ratchets featuring flip reverse mechanism and quick socket release. All extension bars and adaptors readily available for demanding applications in workshops or on site.

Size	Code
1/2" Sq Drive	807-RPC2818
3/4" Sq Drive	807-RHS812



TORQUE WRENCH

Industrial torque wrench for checking tightness of bolts. Flip reverse setting. Angular torque setting gauge. **Up to 1500Nm available.**

Size	Code
1/2" x 40 - 120Nm	809-KST2040
3/4" x 80 - 400Nm	805-KST2046

ADJUSTABLE SPANNER

Quality adjustable wrench with tapered jaws. Strong I section handle and spring loaded square section. **Knurled adjusting nut/ Measurement scale on fixed jaw.**



Size	Code
4"	808-001
6"	808-002
8"	808-003
10"	808-004
12"	808-005
15"	808-006
18"	808-007

SOCKETS

Chrome vanadium general purpose sockets. Please specify size with code when ordering.



STANDARD SOCKETS

Square Drive	Standard	Deep	Code
1/2" Sq Drive - IMPERIAL	5/16" to 1.1/4"	3/8" to 1.1/4"	812-(product size)
1/2" Sq Drive - METRIC	8mm to 32mm	8mm to 32mm	811-(product size)
3/4" Sq Drive - IMPERIAL	7/8" to 2"	N/A	812-(product size)
3/4" Sq Drive - METRIC	22mm to 55mm	N/A	812-(product size)
1" Sq Drive - IMPERIAL	1.7/16" to 3.1/8"	N/A	812-(product size)
1" Sq Drive - METRIC	41mm to 80mm	N/A	812-(product size)

IMPACT SOCKETS

Square Drive	Standard	Deep	Code
1/2" Sq Drive - IMPERIAL	5/16" to 1.5/16"	5/16" to 1.5/16"	815-(product size)
1/2" Sq Drive - METRIC	8mm to 38mm	8mm to 36mm	815-(product size)
3/4" Sq Drive - IMPERIAL	9/16" to 2.1/14"	9/16" to 2.1/14"	815-(product size)
3/4" Sq Drive - METRIC	15mm to 65mm	15mm to 65mm	815-(product size)
1" Sq Drive - IMPERIAL	3/4" to 3.5/8"	3/4" to 3.5/8"	815-(product size)
1" Sq Drive - METRIC	19mm to 90mm	19mm to 90mm	815-(product size)



SCREWDRIVER

Range of screwdrivers available in sets and individually for everyday applications.

Description	Code
Screwdriver Set	854-001

HEX KEY SETS

Professional quality keys made from hardened chrome vanadium steel. Long arm ball end design allows access to deep set screw or difficult to reach places at offset angles.

*Single keys available on request

Size	Code
9 Piece Metric Set	856-003
9 Piece Imperial Set	856-007



PLIERS

Cushion grip pliers to cover general workshop requirements. All other types available. All with hardened wire cutter jaws.

Size	Code
Side Cutters	870-FAIPLDC6
Combination Pliers	870-FAIPLC7
Long Nose Pliers	870-FAIPLL612



VISEGRIPS

The original ViseGrip. Invaluable for a range of applications out on site or in the works.

Size	Code
7" Curved Jaw Locking Plier	877-001
10" Curved Jaw Locking Plier	877-003
7" Straight Jaw Locking Plier	877-002
10" Straight Jaw Locking Plier	877-004



C-CLAMP

Locking C-Clamps reach into places where ordinary clamps cannot be used.

Size	Code
11" Locking C Clamp	807-VIS11R
18" Locking C Clamp	807-VIS18R



LAZY TONG RIVETER

Heavy duty lazy tong riveters for ease of use and large rivets.

Description	Code
Lazy Tong Riveter	891-001



STANDARD RIVETER

All steel single hand riveting tool - up to 5mm rivets.

Description	Code
Standard Riveter	891-100



ENGINEERS VICE

Heavy duty engineers vice. Drop forged for strength.



Description	Code
6" Engineers Vice	830-CV150B



CARVER RACK CLAMPS

The welder's favourite. Standard duty rack clamp used in all areas of welding, fabrication and engineering.

Size	Code
6"	831-001
12"	831-002

G-CLAMPS

Popular general purpose clamp for heavy duty applications. Strong ribbed steel cast frame with stove enamel finish. Quality steel screw and drop handles.



Size	Code
4"	830-002
6"	830-003
8"	830-004
10"	830-005
12"	830-006

MAGNETIC WELDING CLAMP

Ideal for supporting and positioning the workpiece. Strong magnetic force.



Description	Code
Magnetic Welders Clamp	832-MAG-3

BESSEY GH LEVER CLAMP

Lightweight and easy to handle clamping up to five times faster than standard clamps. Small amount of effort can quickly produce large clamping pressures.



Size	Code
200mm	830-G20H
250mm	830-G25H
300mm	830-G30H



SAFETY BOOTS CAN BE FOUND ON PAGE 127

URKO CLAMPS



SUPER EXTRA

The all new Super-Extra speed clamp offers a perfect solution for high precision clamping. The new Ergonomic design, sealed thread and ball bearing mechanism make these clamps suitable for use in the most demanding environments.

Bar Section	Capacity	Code
35 x 8	200mm	836-001
35 x 8	300mm	836-002
35 x 8	400mm	836-003
35 x 8	500mm	836-004
35 x 8	600mm	836-005
35 x 8	800mm	836-006
35 x 8	1000mm	836-007



HYDRAULIC PRESS CLAMP

The Hydraulic press clamp offers precise clamping over a wide range of applications. They are specially suited for positions or situations operating with a single hand or in awkward places. The clamps have a maximum clamping force of 100kg which can be controlled. The backward movement of the handle instantly releases the clamping pressure. These clamps SAVE WORKING TIME WITH MINIMAL EFFORTS.

Bar Section	Capacity	Code
35 x 8	300mm	836-040
35 x 8	600mm	836-041



LEVER CLAMP

All purpose lever clamp for quick clamping applications. Progressive clamping with lever.

Bar Section	Capacity	Code
19.5 x 12	200mm	836-030
25 x 12	300mm	836-031
20 x 6	200mm	836-020



QUICK SINGLE CLAMP

Quick action clamp with soft plastic pads for delicate fastening applications. The clamp head can also be reversed for expanding.

Bar Section	Capacity	Code
20 x 6	150mm	836-050
20 x 6	300mm	836-051

ELECTRICAL PRODUCTS



PLUGS & SOCKETS

An essential range of industrial plugs and sockets.

Description	Code
240V 13A PLUG	533-001
240V 13A SOCKET	533-003
240V 16A PLUG	534-100
240V 16AMP SOCKET	534-101
240V 32A PLUG	534-102
240V 32A SOCKET	534-103
110V 16A PLUG	534-001
110V 16A SOCKET	534-002
110V 32A PLUG	534-003
110V 32A SOCKET	534-004
415V 4 PIN 16A PLUG	534-200
415V 4 PIN 16A SOCKET	534-201
415V 5 PIN 16A PLUG	534-204
415V 5 PIN 16A SOCKET	534-205
415V 4 PIN 32A PLUG	534-203
415V 4 PIN 32A SOCKET	534-202
415V 5 PIN 32A PLUG	534-206
415V 5 PIN 32A SOCKET	534-207



TRANSFORMERS

Heavy duty transformers to convert from 240V to 110V. Ideal for all site use.

Description	Code
110V 1.5KVA	535-904
110V 3.3KVA	535-900
110V 5KVA	535-901



EXTENSION LEADS

Heavy duty extension leads suitable for use on site or in the workshop.

Description	Code
110V 16A 14mtr trailing extension	535-800
240V 16A 14mtr trailing extension	535-801
110V 16A 25mtr Extension Reel	535-100A
110V 16A 50mtr Extension Reel	535-103
240V 13A 25mtr Extension Reel	535-100
240V 13A 50mtr Extension Reel	535-101

*3PH EXTENSION LEADS AVAILABLE ON REQUEST



**BEST
SELLER**

VANVAULT

Top quality VanVault toolchest for fixed installation into any commercial vehicle. Made from high tensile steel and recommended by major insurance companies.



Description	Code
Vanvault 2	580-VANVAULTII

PORTABLE SITE LIGHTS

Site lights to suit both commercial and domestic use. Excellent illumination from each lamp. All leads fitted with plugs.



Description	Code
Portable Sitelight - 110v	535-600
Portable Sitelight - 240v	535-600A
Sitelight Single c/w stand - 110v	535-FPPSL500CTL
Sitelight Single c/w stand - 240v	535-FPPSL500CT
Sitelight Double c/w stand - 110v	535-FPPSL1000CTL
Sitelight Double c/w stand - 240v	535-FPPSL1000CT



BROOMS, MOPS & DUSTPANS

Brooms complete with handles and reinforcing stays.

Description	Code
12" Coco (soft) Broom complete	630-200
12" Bass (hard) Broom complete	630-201
24" Coco (soft) Broom complete	630-101
24" Bass (hard) Broom complete	630-100
Cotton Mop head & handle	630-600
Galvanised Mop bucket	630-800
Metal dust pan	630-700
Coco (soft) hand brush	630-400
Bass (hard) hand brush	630-300



Generators

SDMO

The SDMO's exceptionally robust range of petrol and diesel generators offer up to 16KVA portable power.

Description	Engine	KVA	Code
PERFORM 3000	Kohler CH270	3.75	530-301
HX3000	Honda GX200	3.62	530-200
HX4000	Honda GX270	4.62	530-250
HX6000	Honda GX390	6.87	530-300



MOSA

Mosa manufactures an extensive range of generating sets from 4KVA to 275KVA that are designed to provide portable and standby power in all situations where mains power is unavailable or at risk of interruption. Typical applications would include, standby emergency power, construction sites and rental / remote areas beyond the mains supply.



**WELDER
GENERATORS**
CAN BE FOUND ON PAGE 6-7

Welding Helmets



SPEEDGLAS 9002D SERIES

With a dual shade filter and two sensitivity levels, the 9002D offers the welder an excellent choice of settings. Also features side windows and CO₂ reduction vents for improved comfort. Also available with a safety helmet, especially designed for welders working in areas with overhead hazards.

Description	Shade Range	Code
Speedglas 9002D Shield	3, 9 & 11	470-003

SPARES FOR 9000 SERIES

Description	Code
Outer Lens - Standard	460-014
Outer Lens - Scratch Resistant	460-015
Outer Lens - Heat Resistant	460-427071
Inner Lens - 9002D/9002V	460-016
Inner Lens - 9002X	460-017
Sweatband Toweling (Purple) Pkt2	460-005
Sweatband Leather	460-006
Battery Pkt2	460-012
Headband including mounting details	460-003
Mounting details	460-004
Ear & Throat protection in leather (3 part)	460-001
Head cover	460-002
Throat cover	460-008
Hood, throat/head cover	460-009

SPEEDGLAS 100 SERIES

The highly-affordable 3M Speedglas 100 Welding filter has excellent optical quality, reliable light-to-dark switching, and can be used with most arc welding processes, such as stick(MMA), MIG/MAG, and many TIG applications.



Description	Shade Range	Code
Speedglas 100 Blaze shield	3 & 8-12	470-010
Speedglas 100 Tribal shield	3 & 8-12	470-011
Speedglas 100 Chrome shield	3 & 8-12	470-012
Speedglas 100 Mechanical Skull shield	3 & 8-12	470-013
Speedglas 100 Trojan Warrior shield	3 & 8-12	470-014
Speedglas 100 Aces High shield	3 & 8-12	470-015

SPARES FOR 100 SERIES

Description	Code
Outer Lens	460-042
Inner Lens	460-016
Sweatband Toweling (Purple) Pkt2	460-005
Sweatband Leather	460-006
Battery Pkt2	460-012
Headband including mounting details	460-705010
Mounting details	460-706000

*MAGNIFYING LENSES AVAILABLE FOR THESE HELMETS.



SPEEDGLAS 9100 SERIES

The 9100 series welding shields are available either with ADF in a fixed position or with the ADF in a flip up visor which can be lifted to leave a clear visor. The 9100FX shield features a flip up combination of an auto-darkening welding shield & protective visor. Not only is the viewing area of the shield larger than previous models, the geometry of the shield has also been redesigned to increase peripheral vision.

Description	Shade Range	Code
Speedglas 9100V Shield (45 x 93mm)	3,5,8 & 9-13	470-006
Speedglas 9100X Shield (54 x 107mm)	3,5,8 & 9-13	470-007
Speedglas 9100XX Shield (73 x 107mm)	3,5,8 & 9-13	470-008
Speedglas 9100V FX Shield	3,5,8 & 9-13	470-023
Speedglas 9100X FX Shield	3,5,8 & 9-13	470-024
Speedglas 9100XX FX Shield	3,5,8 & 9-13	470-025



Speedglas

SPARES FOR 9100 SERIES

Description	Code
Outer Lens - Standard	460-025
Outer Lens - Scratch Resistant	460-026
Outer Lens - Heat Resistant	460-027
Inner Lens - 9100V	460-028
Inner Lens - 9100X	460-029
Inner Lens - 9100XX	460-030
Sweatband (pck of 3)	460-007
Extended Head Protector	460-169005
Extended Throat & Ear Protector	460-169010
Hood throat/head protector	460-009
Headband Assembly	460-031
Headband Mounting Detail	460-032
Battery (pck of 2)	460-012
Visor for FX	470-022





BEST SELLER

SPEEDGLAS 9000 SERIES ADFLOW

The same quality 9000 shield with the benefit of the Adflow Powered Air Respirator with its smart, compact design, the 3M™ Adflo™ Powered Air Respirator is specially designed to meet your welding needs. Its continuous airflow provides filtered air that takes much of the heat and sweat out of welding. By using the Adflo respirator, you get both increased protection and comfort all day long. The Turbo unit draws air through a spark arrester, pre-filter and particle filter (and gas filter when used) to reduce respiratory hazards. It then feeds the air, via the breathing tube, into the welding shield. The constant flow of filtered air and the comfortable face seal keep contaminated air outside the shield.

Description	Shade range	Code
Speedglas 9002V Shield c/w Adflow	3, 9 & 11	470-009
Speedglas 9002X Shield c/w Adflow	3, 9 & 11	470-466680

SPARES FOR 9000 SERIES ADFLOW

Description	Code
Air Hose Standard	460-033
Air Hose Rubber	460-834005
Air Hose Cover	460-834003
Prefilter (pck 5)	460-035
Particle Filter	460-036
Gas Filter A1B1E1	460-038
Battery Charger	460-833101
Battery - Standard	460-039
Battery - Heavy Duty	460-040
Face Seal	460-024
Headband c/w Air Duct	460-023
Head cover	460-002
Throat cover	460-008
Hood, throat/head cover	460-009



9100 FX Air



9100 Air



9100 Fresh Air



9100 FX Fresh Air



SPEEDGLAS 9100 SERIES ADFLOW & FRESH-AIR C SYSTEMS

The NEW 3M Speedglas 9100 Air Welding Shields utilise the same Adflow System as the 9000 Series but offer improved respiratory protection through the new Headtop. The protection and excellent vision make the FX shields the perfect welders choice.

Description	Shade Range	Code
Speedglas 9100v Shield C/W Adflow	5,8,9-13	470-016
Speedglas 9100X Shield c/w Adflow	5,8,9-13	470-566615
Speedglas 9100XX Shield c/w Adflow	5,8,9-13	470-566625
Speedglas 9100V FX Shield c/w Adflow	5,8,9-13	470-717
Speedglas 9100X FX Shield c/w Adflow	5,8,9-13	470-546615
Speedglas 9100XX FX Shield c/w Adflow	5,8,9-13	470-718
Speedglas 9100V Shield c/w FreshAir C	5,8,9-13	470-568805
Speedglas 9100X Shield c/w FreshAir C	5,8,9-13	470-568815
Speedglas 9100XX Shield c/w FreshAir C	5,8,9-13	470-568825
Speedglas 9100V FX Shield c/w FreshAir C	5,8,9-13	470-548805
Speedglas 9100X FX Shield c/w FreshAir C	5,8,9-13	470-548815
Speedglas 9100XX FX Shield c/w FreshAir C	5,8,9-13	470-548825

SPARES FOR 9100 SERIES ADFLOW

Description	Code
Air Hose Standard	460-834016
Air Hose Rubber	460-834017
Air Hose Cover (flame resistant)	460-834018
Prefilter (pck 5)	460-035
Particle Filter	460-036
Gas Filter A1B1E1	460-038
Battery Charger	460-833101
Battery - Standard	460-039
Battery - Heavy Duty	460-040
Face Seal	460-534000
Headband c/w Air Duct	460-533500



SPEEDGLAS CLEAR/TINTED VISOR ADFLOW SYSTEMS

A clear view full face protection face shield for manufacturing processes requiring eye, face and respiratory protection, including metal grinding, woodworking, sanding & finishing, spray painting, flour processing and other dusty environments. Also available with a shaded visor for gas cutting / plasma cutting applications.

Description	Code
ClearVisor c/w Poly carbonate face shield	460-899030
ClearVisor c/w Acetate face shield	460-899031
ClearVisor c/w Shade DIN5 face shield	460-899035



SPARE PARTS & ACCESSORIES

Description	Code
Headband with air duct	460-803010
Headband without air duct	460-803060
Face seal	460-80405
Velcro attachment system (pkt 2)	460-891013
Poly carbonate Visor	460-899040
Acetate Visor	460-833041
Shade DIN5 Visor	460-833045
Brow protection	460-899051
Protection film (pkt 5)	460-041



ESAB ECO-ARC WELDING HELMET

The new Eco-Arc in the latest design in flip front passive welding helmets. With a lightweight polypropylene shell and outstanding facial protection, the helmet is suitable for all position welding. Replaces the ALBATROSS helmet.

Description	Code
Eco-Arc 110 x 60 Welding Shield	472-001
Inner cover Lens (pck10)	454-003
110 x 60 Antispatter lens (plastic)	450-100
110 x 60 Shade 8 lens	
110 x 60 Shade 9 lens	450-200
110 x 60 Shade 10 lens	450-201
110 x 60 Shade 11 lens	450-202
110 x 60 Shade 12 lens	450-203
110 x 60 Shade 13 lens	450-204



JACKSON BLACK SHADOW HELMET

A lightweight, durable, welding helmet made from strong thermoplastic, with the largest lens size for maximum visibility, offering comfort and safety for every welder.

Description	Code
Jackson Black Shadow Helmet	474-001
51/4" x 41/2" Antispatter Lens (plastic)	450-600
51/4" x 41/2" Clear Glass	450-700
51/4" x 41/2" Shade 8	450-701
51/4" x 41/2" Shade 9	450-702
51/4" x 41/2" shade 10	450-703
51/4" x 41/2" Shade 11	450-704
51/4" x 41/2" Shade 12	450-705
51/4" x 41/2" Shade 13	450-705

STANDARD PASSIVE WELDING SHIELDS

Standard injection moulded welding shields available as head shield or hand shield. takes a standard 41/4" x 31/4" lens.

Description	Code
Standard Head Shield	473-003
Standard Hand Shield	473-001
41/4" x 31/4" Antispatter Lens (plastic)	450-300
41/4" x 31/4" Clear Glass	450-400
41/4" x 31/4" Shade 8	450-401
41/4" x 31/4" Shade 9	450-402
41/4" x 31/4" shade 10	450-403
41/4" x 31/4" Shade 11	450-404
41/4" x 31/4" Shade 12	450-405
41/4" x 31/4" Shade 13	450-406



Head Shield



Hand Shield



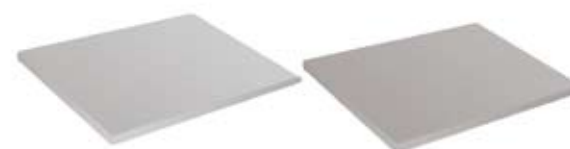
ECONOMY AUTO DARKENING HELMET

The V1Plus helmet comes ready to use with variable shade adjustment (9-13). This helmet offers an economical choice for the mig or stick application on site or in the workshop.

Description	Code
V1Plus Helmet	475-001
Outer lens (pck 10)	451-001
Inner Lens (pck 10)	451-002

MANY MORE HELMETS AND LENS SIZES AVAILABLE

PLEASE ASK FOR DETAILS.



For sales or product information call today on **01432 346 190**

email: sales@elbridgehereford.co.uk
online: www.elbridgehereford.co.uk



VISITOR OVERSPECTACLES

These lightweight poly carbonate visitor spectacles have moulded sideshields & browguards and can be worn on their own or over current style prescription glasses. Available as clear or shaded.

Description	Code
Clear Visitor Spec.	441-100
Shaded Visitor Spec.	440-001



WINDSOR SE60 SPECTACLES

Original heavy duty safety spectacles with side protection. Optical qualities of the lens comply with the requirements of optical class 1.

Description	Code
SE60 Clear Spec	440-003

Core Range of 3M Spectacles.



2720 SAFETY SPECTACLES

2720 Classic Line spectacles are lightweight and offer the wearer high levels of comfort together with reliable protection. They are available in three different lens options.

Description	Code
2720 Clear Spec.	441-001
2721 Smoked Spec.	441-002
2722 Amber Spec.	441-003



2730 / 2740 SAFETY SPECTACLES

These spectacles combine a modern design with various adjustment options. Temple pivots enable the user to adjust the lens angle providing optimal fit and comfort. The adjustable temple length and soft nose bridge offers a secure and comfortable fit to suit the individual.

Description	Code
2730 Clear Spec.	441-004
2740 Clear Spec.	441-005
2741 Smoke Spec.	441-006
2742 Amber Spec.	441-006A

2750 & 2751 SAFETY SPECTACLES

Spectacles have a slim nose bridge and flat temples for improved compatibility with other PPE. Adjustable temple length offers 5 positions to suit the individual.

Description	Code
2750 Clear Spec.	441-007
2751 Smoke Spec.	441-007A



3M TORA SAFETY SPECTACLES

The Tora range have 9D base curved lens and offer excellent peripheral vision and perfect lateral side protection (optical class 1). Extremely lightweight at only 22g, cool image and perfect fit makes this a very popular line.

Description	Code
Tora Clear	441-009
Tora Bronze	441-010
Tora Amber	441-011



BEST SELLER

3M SOLUS SAFETY SPECTACLES

Solus brings sophistication and comfort to safety eyewear. The purity of the lens design gives the wearer a freedom of vision and at only 23g offers comfort never achieved before. The lens curve has been calculated to optimise the fitting, field of vision and coverage of the eyes. Available with Mirror coating to help reflect glare.

Description	Code
Solus Clear	441-105
Solus Red Mirror	441-106
Solus Blue Mirror	441-106A



JSP STRATA G5 SHADED SAFETY SPECTACLES

A twin lens wraparound spectacle with shade 5 UV/IR abrasion resistant lenses and burgundy soft frame coating for comfort and fit.

Description	Code
Strata G5 Shade 5 Spec.	440-006



ABRASIVES CAN BE FOUND ON PAGE 59-69





3M FUEL SAFETY SPECTACLES

Fuel High-Performance safety glasses are made from a high density nylon material for impact, torsion and extreme heat resistance. The frames moulded lens supports, prevent the lens from being dislodged by a strong frontal impact. Ventilation system on the nose bridge and temples prevent fogging.

Description	Code
Fuel Clear Mirror	441-114
Fuel Blue Mirror	441-112
Fuel Red Mirror	441-113
Fuel Bronze	441-107

3M LED LIGHT VISION SPECTACLES

The LED Light Vision spectacle will allow you to light a dark zone while protecting your eye and having hands free for working. Fitted with a poly carbonate anti-fog lens which protects against UV and impact at extreme temperatures this new innovation opens new horizons for safety, electrical work, car repair, plumbing, home-work, mechanical work in dark environments, night time reading.



Description	Code
LED Light Vision Spec.	441-109

STANDARD CLEAR & SHADED GOGGLES

Range of economically priced goggles designed to protect the eyes against impact from flying particles, liquid splashes and coarse material in applications such as turning, occasional grinding, chipping & sanding. Also supplied in shaded version for gas cutting, plasma cutting etc. The flip front goggle offers both a clear and shaded lens.

Description	Code
Standard Clear Goggle	442-001
Standard Shaded Goggle	442-002
Flip Front Goggle	442-003



UVEX SAFETY GOGGLES

Premium quality goggle designed for use for long periods of time. Large viewing area gives unrestricted vision all around. Available with clear or shaded anti-mist, scratch resistant lenses.

Description	Code
Uvex Ultrasonic Clear Goggle	442-9302245
Uves Ultravision Shaded Goggle	442-9301245



BROWGUARDS & VISORS

Range of Pulsafe visor systems to suit a wide range of applications.



Pulsafe Clearways Faceshield Browguard with Elasticated headband.

Description	Code
CB14 Browguard	443-001
CV84 Clear Visor	443-003
CV85 Shade 3 Visor	443-004
CV85 Shade 5 Visor	443-005



Extremely adjustable for maximum comfort and protection.

Description	Code
Bionic Face Shield	443-1011623
Bionic Clear Visor	443-1011625
Bionic Shaded Visor	443-1011629

Ratchet headband for comfort and easy adjustability.

Description	Code
SB600 Browguard	443-002
SV9PC Clear Visor	443-006
SV9PC/5 Shaded Visor	443-007





SAFETY HELMET

Poly carbonate shelled safety helmet complete with 4-point plastic harness.

Description	Code
Safety Helmet	432-001



3M 5000 EAR MUFF

The light weight diametric earmuff is ideal for day long use and suitable for most industries other than those subjected to loudest noise levels. It is easily adjusted but retains the chosen position with the innovative twist and lock mechanism.

Description	Snr (Db)	Code
Model 5000 Ear Muff	27	412-002



3M PELTOR H4A-300 EAR MUFF

Medium duty, general purpose cushioned ear muff with adjustable headband.

Description	Snr (Db)	Code
H4A-300 Ear Muff	24	412-001



3M OPTIME 1 EAR MUFF

Peltor Optime 1 earmuff offers versatile protection and is very lightweight providing high wearer comfort. It combines a low profile with generous inner depth which makes it easy to combine with other equipment, allowing the ear to rest comfortably. Available as a headband or a neckband.

Description	Snr (Db)	Code
Optime 1 Ear Muff Headband	27	412-003
Optime 1 Ear Muff Neckband	26	412-005



PURA-FIT 7700 EARPLUGS

Comfortable PU foam earplugs suited to protect against long-term exposure. Soft material that is easy to insert.

Description	Snr (Db)	Code
Pura-Fit 7700 Earplugs	36	411-001



E.A.R CAPS BANDED EARPLUGS

One of the lightest semi-aural hearing devices available. E.A.R CAPS provide day-long hearing protection for workers exposed to noise. Ideal as disposable protectors for visitors. Replacement E.A.R pods also available.

Description	Snr (Db)	Code
E.A.R CAPS Banded Earplugs	23	410-001
Replacement E.A.R Pods	23	410-002



E.A.R EXPRESS EARPLUGS

The unique design allows the foam to compress easily so that the plug slides gently into the ear and expands slowly, making an effective seal for most ear canals. The insertion grip makes handling easier.

Description	Snr (Db)	Code
E.A.R Express Earplugs	28	411-003

NUISANCE COMFORT MASK

General purpose mask for use in dusty areas. Non-approved.



Description	Ffp Level	Code
Nuisance Comfort Mask (50)	N/A	400-001

3M 8710E NON VALVED MASK FFP1

Cup-shaped dust/mist respirator for protection against fine respirable dusts.



Description	Ffp Level	Code
3M 8710E Non Valved	FFP1	401-001

3M 8812 VALVED MASK FFP1

Cup-shaped valved dust/mist respirator. Protection against fine respirable dusts with 3M Cool Flow valve for wearer comfort.



Description	Ffp Level	Code
3M 8812 Valved	FFP1	401-002

ECONOMY FFP2 VALVED MASKS

Respiratory protection against low to average toxicity dusts and powders. Includes an exhalation valve to allow exhaled air to be vented from the mask without compromising protection.



Description	Ffp Level	Code
Economy FFP2 Valved Masks	FFP2	402-001

ECONOMY FFP2 CARBON VALVED MASK

Respiratory protection for fine particles with active carbon layer, offering relief from ozone and low levels of gases and vapours below the OEL limits. Comfortable, lightweight and off the face design.



Description	Ffp Level	Code
P3121 Carbon Valved	FFP2	402-102

3M 8810 NON VALVED MASK FFP2

This respirator provides protection against fine dusts, water-based mists and oil based mists.



Description	Ffp Level	Code
3M 8810 Non Valved Mask FFP2	FFP2	402-003

3M 8825 VALVED MASK FFP2

Provides comfortable, effective respiratory protection against fine dusts, oil and water-based mists and metal fumes. Cleanable sealing ring and additional "D" Dolomite anti-clogging test allows use for longer than one shift.



Description	Ffp Level	Code
3M 8825 Valved Mask FFP2	FFP2	402-001

3M 9925 CARBON VALVED MASK FFP2

Specifically designed for welding applications, this respirator provides effective respiratory protection against water and oil-based mists, fine dusts, metal fumes and ozone. With valve and adjustable straps to reduce heat and moisture build up to improve wearer comfort in a hot environment.



Description	Ffp Level	Code
3M 9925 Carbon Valved Mask FFP2	FFP2	402-100

**BEST
SELLER**



MOLDEX 2405 VALVED MASK FFP2

For use against toxic dusts, water based mists and fumes. Ventex -valve reduces heat and humidity within the mask.

Description	Ffp Level	Code
Moldex 2405 Valved Mask FFP2	FFP2	402-002

3M 8835 VALVED MASK FFP3

This valved respirator provides comfortable, effective respiratory protection against fine dusts, oil and water-based mists & metal fumes.



Description	Ffp Level	Code
3M 8835 Valved Mask FFP3	FFP3	402-8835



3M 4000 SERIES MAINTENANCE-FREE REUSABLE REPIRATORS

The 4000 Series Respirators are a range of ready-to-use, maintenance-free half masks designed for effective and comfortable protection against a combination of many gases, vapours and particulate hazards found throughout industry.

Description	Ffp Level	Code
3M 4251 Valved Mask FFP2	FFP2	403-001
3M 4255 Valved Mask FFP3	FFP3	403-002



PROFILE² HALF MASK RESPIRATOR

Combines comfort, protection and low life costs. Perfectly balanced, user friendly and modern in design, latex and silicon-free to ensure no allergic skin reaction or irritation. Accepts all Pro² particulate, gas and combined filters to provide respiratory protection in a wide variety of applications.

Description	Ffp Level	Code
Scott Profile ² Half Mask	FFP2	404-001
Scott Profile ² Filter Cartridge	A1 P3	404-002
Scott Profile ² Filter Cartridge	ABEK1 - P3	404-ABEK1-PS

DISPOSABLE GLOVES

Range of disposable gloves to suit a wide range of applications.

DISPOSABLE NITRILE GLOVES

Made from an innovative nitrile compound which offers outstanding chemical and mechanical properties, comfort and dexterity. It fits like a second skin and is safer on sensitive skin. Contains no natural rubber. Three times the puncture resistance of latex or PVC disposable.

DISPOSABLE LATEX GLOVES

Powder free with rolled cuff. Reduces risk of product contamination. Low protein levels and toxins, ideal for those with sensitive skin. Ambidextrous.

DISPOSABLE VINYL GLOVES

Powdered vinyl with a rolled cuff for additional strength and the prevention of liquid roll back. Powdered for easy donning and sweat absorption. Clear on colour.

Nitrile gloves



Vinyl gloves



Latex gloves



Description	Small (6 ^{1/2})	Medium (7 ^{1/2})	Large (8 ^{1/2})	X Large (9 ^{1/2})
Vinyl	430-002	430-003	430-004	430-005
Nitrile	-	430-000	430-001	430-100
Latex	430-006	430-007	430-008	430-009



CHROME LEATHER JACKET

To protect the upper body & arms from weld spatter and heat. Made from high quality chrome.

Description	Code
Chrome Leather Jacket	420-1833



RED LEATHER FULL SLEEVES

Red leather sleeves worn over clothes to protect against spatter, sparks and heat. Available in right hand or left hand. Fitted with buckles.

Description	Code
Red Leather Sleeves - Right hand	420-001
Red Leather Sleeves - Left hand	420-002

CHROME LEATHER SLEEVES

Worn over shirt sleeve to protect clothes and arm from sparks, spatter and heat.



Description	Code
Chrome Leather Sleeves	420-006



CHROME LEATHER APRON

Worn over clothes to protect the wearer from spatter, sparks & heat.

Description	Code
Chrome Leather Apron	420-004



CHROME LEATHER SPAT

To protect shoes and trousers from spatter, sparks and heat.

Description	Code
Chrome Leather Spat	420-003

CHROME LEATHER TROUSERS

Worn over clothes to protect the wearer from spatter, sparks and heat.



Description	Code
Chrome Leather Trousers	420-1841

*Please specify size when ordering.





KROMER CAPS

Flame retardant welders caps with eye catching and attractive designs. Often worn beneath a headshield with the peak reversed to cover the neck and provide some protection from heat, sparks and spatter.

Description	Code
Kromer Caps - S	421-002
Kromer Caps - M	421-003
Kromer Caps - L	421-004
Kromer Caps - XL	421-005



PROBAN HOOD

A product commonly used in high heat and spatter applications such as carbon-arc gouging and high-amp stick welding. The Proban hood provides protection to the head, forehead, ears, the side of the face and the neck.

Description	Code
Proban Hood	421-001



PROBAN COVERALLS

Flame retardant coverall minimising flame spread and offering protection against aggressive heat and molten metal splash. Two chest pockets with flaps, side pockets and stud front.

Description	Size	Code
Proban Coveralls - RED	S - 3XL	421-102
Proban Coveralls - BLUE	S - 3XL	421-103

*Please specify size when ordering.



DISPOSABLE PAPER COVERALLS

Range of high quality stylish protective coveralls offering breathable comfort and protection you can rely on. With the highest level of construction quality, the range provides peace of mind for effective use and protection against most industrial hazards.

Description	Size	Code
Disposable Paper Coveralls	S - 3XL	431-002

*Please specify size when ordering.



HI-VIZABILITY GARMENTS

A range of Hi-Vis garments to suit most applications.

Description	Size	Code
Hi-Viz Jacket	S - 3XL	434-HVJ
Hi-Viz Bomber Jacket	S - 3XL	434-HVBJ
Hi-Viz Waist Coat	S - 3XL	434-TC500
Hi-Viz Trousers	S - 3XL	434-TC800

*Please specify size when ordering.

Safety Footwear

VS500 FASTLANE BLACK/SILVER TRAINER

"With lighter weight composite cap and new face-lift styling, Fastlane is in pole position as one of the most stylish and comfortable trainers available. The deep padded lining wicks moisture from the foot and the dual shock absorbing footbed cushions every step."



V8438 AZTEC URBAN HIKER

"Aztec is made as footwear of the future will be, using the latest technical materials to make it metal free yet exceeding the latest safety standards. The understated look of this product set off by reflective trims make it the first choice for uniform footwear that dares to be different."



V6863 RHINO 5 D-RING SCUFF CAP BOOT

"This rugged looking beast is not to be confused with other members of the species that look vaguely similar. You get the full works: lighter weight composite cap, anti nail plate, shock absorbing footbed, bellows tongue to keep out the mess, speed lacing, scuff cap and water repel leather... beat that!"



VR600 BISON BLACK WAXY DERBY BOOT

"Our bestseller – now even better. Constructed from full grain cowhide, quadruple stitched and riveted for strength. The cutaway ergo collar and new soft padded tongue offer improved comfort. Now featuring new speed lacing eyes for added convenience and safety."



VR602 PUMA HONEY NUBUCK BOOT

"Newly restyled with non snagging speed eyelets and light coloured mid layer, Puma outperforms all expectations. Crafted from luxurious honey Nubuck, not to be confused with suede, this process gently raises a velvet nap on full grain hide to stunning effect. Now even lighter with composite toe cap for all day comfort."



VR690 GRIZZLY TAN FLEECE LINED RIGGER

"Our bestselling rigger, now even better; new Grizzly showcases all that we do well in one product. With heat resist sole, rugged heel support for stability, triple stitched for strength, padded leg to protect the ankle bone and improve the fit, one piece leg and composite thermally insulated toe... Best choice!"



V1231 RAWHIDE BROWN OILED LEATHER DEALERBOOT

"If you want the strongest elastic sided work boot you can get your hands on, look no further. Rawhide is crafted from rugged oil stuffed hides which brings out the natural beauty of the leather – this boot oozes quality." **Also available in Dark Brown.**



V1235 BOULDER BLACK HIDE DERBY BOOT

"Indisputably the favourite in the range. Boulder is a superb boot with even more features than ever. Using only the very best selected hides, triple heavy stitching and the famous V12 rivet at the stress point these boots are built to last." **Also available in Honey & Dark Brown.**



V1215 THUNDER BLACK OILED HIDE WATERPROOF HIKER

"An all new version of a great favourite. Thunder features a robust new speed lace system and is constructed like professional walking boots with a full bellows tongue and whole cut leather upper to keep out the elements and dirt – as far as this boot is concerned the wetter the better."



ALL STYLES AVAILABLE IN SIZES 6 - 12 (39-47)

GLOVES



CANADIAN CHROME RIGGERS

General handling glove suitable for use in handling minimal-risk materials. The chrome riggers offer low abrasion and piercing protection.

Description	Code
Canadian Chrome Riggers	482-001



SUPA RED RIGGERS

Quality chrome leather rigger with rubberised cuff for general handling.

Description	Code
Supa Red Riggers	482-005



TRI-PLUS RIGGERS

Premier chrome leather rigger complete with reinforced palm for extra protection.

Description	Code
Tri-plus Rigger	482-003



PANTHER HEAVY DUTY RIGGERS

Premium split pig skin canadian rigger gloves. 50mm reinforced cuff incorporating vein patch with reflective strip.

Description	Code
Panther Riggers	482-P3805



PVC KNITWRIST RIGGERS

Single dipped, red PVC fully coated knitwrist with good abrasion resistance.

Description	Code
PVC Knitwrist Riggers	481-003



YELLOW CRISS CROSS RIGGER

Mixed fibre glove with criss cross PVC pattern for extra grip.

Description	Code
Yellow Criss Cross Rigger	481-002



BUILDERS GRIP GLOVE

Basic builders latex coated grip glove with crinkle finish.

Description	Code
Builders Grip Glove	481-GLO107



YELLOW DRIVERS GLOVE

Yellow cowhide drivers glove with elasticated back. Fully lined.

Description	Code
Yellow Drivers Glove	481-20644



MATRIX P GRIP GLOVE

Seamless knitted glove with polythane palm coating. Comfortable and easy to wear over long periods of time.

Description	Code
Matrix P Grip Glove	481-001



GREEN WELDING GAUNTLET

Economy lightweight welding glove.

Description	Code
Green Welding Gauntlet	480-101



RED WELDING GAUNTLETS

Red fully lined welding gauntlet with one piece back and welted seams.

Description	Code
Red Welding Gauntlets	480-104



BLUE WELDING GAUNTLETS

Blue fully lined welding gauntlet with one piece back and welted seams.

Description	Code
Blue Welding Gauntlets	480-102



YELLOW WELDING GAUNTLETS

High quality shoulder leather glove with kevlar stitching. Fully lined throughout.

Description	Code
Yellow Welding Gauntlets	480-103



REVERSABLE RED GAUNTLET

Lined gauntlet with reinforced thumb protector both sides to make the glove ambidextrous.

Description	Code
Reversible Red Gauntlet	480-100



STANDARD TIG WELDING GAUNTLET

Manufactured from soft goat skin leather with chrome split leather 6" cuff.

Description	Code
Standard Tig Welding Gauntlet	480-001



ULTIMA GOLD TIG GLOVE

Manufactured from highest soft nappa leather offering a superior comfort and feel.

Description	Code
Ultima Gold Tig Glove	480-002



PVC GAUNTLETS

Single dipped red PVC fully coated gauntlet.

Description	Code
PVC Gauntlet	481-004



Your hands are the best tool's you'll ever have! So wearing safety gloves is becoming compulsory in many different industries. But which ones protect you best for what job? There's the numbering system on some gloves but to be honest, we get confused and it can be quite a muddle at times. But help is at hand, TraffiGLOVE have come up with a simple TRAFFIC LIGHT SYSTEM which will make it easier for all of us. TraffiGLOVES are colour coded according to their safety levels. RED, AMBER, GREEN



SPEED

Exceptional quality and value, lightweight handling glove. Unique, factory-sealed, exposed 3 digits provides outstanding dexterity levels. Very comfortable and close fitting. Popular polyurethane coating to the palm and fingertips.

Characteristics:

- Unique 3 Digit design for dexterity and performance
- Flexible and very comfortable
- High abrasion resistance
- Excellent dexterity
- Close fitting
- Wide range of sizes available
- Seamless knitted liner



Description	Size	Code
SPEED	6 To 11	481-TG150



X-GRIP

Highly versatile and comfortable lightweight handling glove, with excellent fit and dexterity. Unique sponge Nitrile coating offers unparalleled grip and wear on wet, greasy and dry surfaces.

Characteristics:

- Amazing grip performance
- Flexible
- High abrasion resistance
- Excellent dexterity
- Close fitting
- Wide range of sizes available
- Seamless knitted liner



Description	Size	Code
X-GRIP	7 To 10	481-TG182

AGILE

Exceptional quality and value, lightweight handling glove. Offers excellent dexterity levels, comfort and fit. Popular polyurethane coating to the palm and fingertips.

Characteristics:

- Flexible and very comfortable
- High abrasion resistance
- Excellent dexterity
- Close fitting
- Wide range of sizes available
- Seamless knitted liner



Description	Size	Code
AGILE	8 To 11	481-TG122



MIGHTY

Exceptional quality and comfortable handling glove, giving Cut Level 3 protection. Offers excellent dexterity, comfort and fit, and extended glove life. Popular polyurethane coating to the palm and fingertips.

Characteristics:

- Flexible
- High abrasion resistance
- High mechanical strength (tear)
- Excellent dexterity
- Close fitting
- Wide range of sizes available
- Seamless knitted liner



Description	Size	Code
MIGHTY	7 to 12	481-TG300

FORCE

Exceptional quality and value handling glove, giving added protection levels. Offers excellent dexterity, comfort and fit, and extended glove life. High quality Nitrile foam coating to palm and fingers gives added grip and also increases close fitting characteristics.

Characteristics:

- Flexible
- High abrasion resistance
- High mechanical strength (tear)
- Excellent dexterity
- Close fitting
- Wide range of sizes available
- Seamless knitted liner



Description	Size	Code
FORCE	8 To 10	481-TG365

3 DIGIT

Exceptional quality and comfortable handling glove, giving Cut Level 3 protection. Offers excellent dexterity, comfort and fit, and extended glove life. Popular polyurethane coating to the palm and fingertips.

Characteristics:

- Flexible
- High abrasion resistance
- High mechanical strength (tear)
- Excellent dexterity
- Close fitting
- Wide range of sizes available
- Seamless knitted liner



Description	Size	Code
3 DIGIT	7 To 11	481-TG350



SECURE

Foam Plus coating on Cut 5 liner reveals excellence in wearer comfort and glove life in challenging environments. Excellent product quality and comfort with full length cuff and good sizing.

Characteristics:

- Very comfortable
- Good grip
- Suitable for dry and wet conditions
- Excellent abrasion resistance



Description	Size	Code
SECURE	8 To 11	481-TG535

DYNAMIC

Foam Plus coating on Cut 5 liner reveals excellence in wearer comfort and glove life in challenging environments. Excellent product quality and comfort with full length cuff and good sizing.

Characteristics:

- Very comfortable
- Good grip
- Suitable for dry and wet conditions
- Excellent abrasion resistance



Description	Size	Code
DYNAMIC	8 To 11	481-TG562



WELDING CURTAINS & BLANKETS



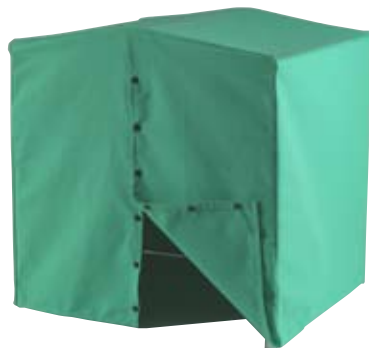
CURTAINS & FRAMES

A practical, lightweight and easy to assemble portable frame system. Manufactured from galvanised steel with a specially formed 19mm box section to give extra strength. All frames can be extended by links and castors are available for extra mobility.



Description	Code
6' x 6' Portable frame fitted with Weld-Green curtain this is a standard dark PVC curtain recommended for all welding applications where a low degree of visibility is required.	422-003
6' x 6' Portable frame fitted with Lowvis-Green curtain. The Lowvis curtain is reinforced for extra strength and tear resistance. Recommended where no visibility is required.	422-004
6' x 6' Portable frame fitted with Hivis-Amber curtain. This is a standard translucent PVC curtain recommended for all welding applications where a good degree of visibility is required.	422-001
6' x 6' Portable frame fitted with Safearc-Amber curtain. This curtain is a reinforced curtain for use where a degree of visibility is required. High performance in all welding applications.	422-002
WELDING CURTAIN ONLY :- available as curtain only, fabricated to both standard and customised sizes.	Call for info

*Extensive range of fixed frame systems also available for use in all welding, manufacturing & fabrication processes.



WELDING SHELTER

For on-site welding to protect the weld from the elements and passers-by or colleagues from the welding arc & spatter. Available with a range of flame retardant covers.

Description	Code
2mtr x 2mtr x 2mtr Welding Shelter	422-1456



LIGHT DUTY BLANKET

Coated light duty 600°C glass fibre welding blanket with fire retardant PU-coating with aluminium pigments to increase anti-slip properties and resistance to fraying.

Description	Code
1mtr x 2mtr Blanket	422-1813
2mtr x 2mtr Blanket	422-1814
1mtr x 50mtr Roll	422-1812

*OTHER SIZES AVAILABLE ON REQUEST



MEDIUM DUTY BLANKETS

Medium Duty 1000°C glass fibre welding blanket with high temperature resistant to improve slide and cut resistance.

Description	Code
1mtr x 2mtr Blanket	422-1805
2mtr x 2mtr Blanket	422-1806

*OTHER SIZES AVAILABLE ON REQUEST



HEAVY DUTY BLANKET

Heavy duty 1200°C silica fabric welding blanket treated to provide excellent abrasive & fraying resistance. Retains flexibility after exposure to heat.

Description	Code
1mtr x 2mtr Blanket	422-1816
2mtr x 2mtr Blanket	422-1817

*OTHER SIZES AVAILABLE ON REQUEST

FUME EXTRACTION EQUIPMENT

PORTABLE WELDING FUME FILTER

The Electac Range of portable fume extractors offer a perfect solution for welding fumes. They offer the following features:

Built in Spark Arrester
replaceable Filter
several nozzles available including fantails & MIG gun attachments.
built in filter life indicator
available in 110 / 240v

Description	Code
MT800 Single Motor	185-MT800
MT900 Twin Motor	185-MT900



MOBILE ELECTROSTATIC / MOBILE MECHANICAL WELDING FUME FILTER

The Heavy duty range of Electac mobile machines offer solutions for all types of welding fumes. They offer the following features:

ELECTROSTATIC

- Heavy duty electrostatic cells
- No filter replacement costs
- Quiet operation
- Double operator machines available
- Choice of self supporting arms - 2.5mtr, 3mtr or 4mtr

MECHANICAL

- Recommended for welding stainless steel
- Washable prefilter - replaceable main filter
- Active carbon filter available
- Double operator machines available
- Choice of self supporting arms - 2.5mtr, 3mtr or 4mtr



PLEASE SPEAK TO OUR SALES TEAM FOR MORE DETAILS.

LINCOLN FUME EXTRACTOR

The Mobiflex 200-M is built the Lincoln way, rugged & reliable. Supplied with a mechanical filter it is designed for infrequent to regular welding operations at various work locations, whereby dry welding fumes are released.

Description	Code
Mobiflex 200M 110 OR 240V	185-EM7028100700M



WE CAN ALSO OFFER A FULL RANGE OF COMPLETE FUME EXTRACTION INSTALLATIONS. PLEASE ASK FOR DETAILS.

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1. GENERAL
A) In these Conditions, the following definitions apply:
Business Day: a day (other than a Saturday, Sunday or public holiday) when banks in London are open for business.
Company: ELMBRIDGE SUPPLIES COMPANY HEREFORD
Conditions: the terms and conditions set out in this document as amended from time to time in accordance with clause 16 B)
Contract: the contract between the Company and the Customer for the sale and purchase of the Goods in accordance with these Conditions.
Customer: the person or firm who purchases the Goods from the Company.

Force Majeure Event: has the meaning given in clause 15.
Goods: the goods (or any part of them) set out in the Order.
Order: the Customer's order for the Goods, as set out in the Customer's purchase order form or the Customer's written acceptance of the Company's quotation as the case may be.
Specification: any specification for the Goods, including any related plans and drawings, that is agreed in writing by the Customer and the Company.
B) These Conditions apply to the Contract to the exclusion of any other terms that the Customer seeks to impose or incorporate, or which are implied by trade, custom, practice or course of dealing. The Order constitutes an offer by the Customer to purchase the Goods in accordance with these Conditions. The Customer is responsible for ensuring that the terms of the Order and any applicable Specification are complete and accurate. The Order shall only be deemed to be accepted when the Company issues a written acceptance of the Order, at which point the Contract shall come into existence. The Contract constitutes the entire agreement between the parties. The Customer acknowledges that it has not relied on any statement, promise or representation made or given by or on behalf of the Company which is not set out in the Contract. Any samples, drawings, descriptive matter, or advertising produced by the Company and any descriptions or illustrations contained in the Company's websites, catalogues or brochures are produced for the sole purpose of giving an approximate idea of the Goods described in them. They shall not form part of the Contract or have any contractual force.
C) A quotation for the Goods given by the Company shall not constitute an offer. A quotation shall only be valid for a period of twenty eight (28) Business Days from its date of issue.

2. PRICES

A) The price of the Goods shall be the price set out in the Order, or, if no price is quoted, the price set out in the Company's published price list in force as at the date of delivery.
B) The Company may, by giving notice to the Customer at any time up to 14 Business Days before delivery, increase the price of the Goods to reflect any increase in the cost of the Goods that is due to:
a. any factor beyond the Company's control (including foreign exchange fluctuations, increases in taxes and duties, and increases in labour, materials and other manufacturing costs);
b. any request by the Customer to change the delivery date(s), quantities or types of Goods ordered, or the Specification; or
c. any delay caused by any instructions of the Customer or failure of the Customer to give the Company adequate or accurate information or instructions.
C) Unless otherwise agreed all prices quoted and / or invoiced will be in Pounds Sterling and where an alternative currency is agreed the Company reserves the right to apply an exchange control fluctuation charge appropriate to the rate of exchange ruling at the date of payment by the Customer.

3. DELIVERY

A) Any dates quoted for delivery are approximate only, and the time of delivery is not of the essence. The date of delivery shall in every case be dependent upon the receipt of final instructions or approvals being obtained from the Customer.
B) The Company shall not be liable for any delay in delivery of the Goods that is caused by a Force Majeure Event or the Customer's failure to provide the Company with adequate delivery instructions or any other instructions that are relevant to the supply of the Goods.
C) If the Company fails to deliver the Goods, its liability shall be limited to the costs and expenses incurred by the Customer in obtaining replacement goods of similar description and quality in the cheapest market available, less the price of the Goods. The Company shall have no liability for any failure to deliver the Goods to the extent that such failure is caused by a Force Majeure Event or the Customer's failure to provide the Company with adequate delivery instructions or any other instructions that are relevant to the supply of the Goods.
D) The Company will endeavour to comply with reasonable requests by the Customer for postponement of delivery but shall be under no obligation to do so. Where postponement is agreed by the Company in writing the Customer shall pay all costs and expenses including a reasonable charge for storage occasioned thereby.
E) The Company shall endeavour to provide proof of delivery upon request from the Customer provided that the Company receives such a request in writing within one calendar month from the date of invoice. If the Customer requests proof of delivery after one calendar month from the date of invoice the Company shall at its sole discretion be entitled to charge the sum of £5 per proof of delivery. Proof of delivery shall be retained by the Company for a maximum period of 6 months after date of invoice.

4. RISK

The risk in the Goods shall pass to the Customer on completion of delivery notwithstanding that the Company may be responsible for delivery.

5. PROPERTY

A) Title to the Goods shall not pass to the Customer until the Company has received payment in full (in cash or cleared funds) for:
i. the Goods; and
ii. any other goods or services that the Company has supplied to the Customer in respect of which payment has become due.

6. INSURANCE

Until property in the Goods has passed to the Customer in accordance with Condition 5 without prejudice to the Company's other rights:
A) The Customer shall insure the Goods to their full value which are on or at the Customer's premises against fire and theft, and shall, if required to do so in writing by the Company, prove to the Company that such insurance has been effected from the date of delivery.
B) The Customer shall not remove, deface or obscure any identifying mark or packaging on or relating to the Goods.
C) The Customer shall keep the Goods apart from all other goods so as to distinguish and separate the Goods from other goods as being property of the Company.
D) The Customer shall retain the Goods solely as the Company's fiduciary agent and as bailee for the Company. The Customer shall give the Company such information relating to the Goods as the Company may require from time to time.
E) Until such time as property in the Goods passes to the Customer, the Customer shall be entitled to resell or use the goods in the ordinary course of business, but shall account to the Company for the proceeds of sale or otherwise of the goods, whether tangible or intangible, including insurance proceeds, and shall keep all such proceeds separate from any moneys or property of the Customer, and third parties and, in the case of tangible proceeds, property stored, protected and insured.
F) Until such time as the property in the Goods passes to the Customer (and provided the Goods are still in existence and have not been resold) the Company shall be entitled at any time to require the Customer to deliver up the Goods to the Company and, if the Customer fails to do so forthwith, to enter upon any premises of the Customer or any third party where the Goods are stored and repossess the Goods.
G) The Customer acknowledges that before entering into an agreement for the purchase of any goods from the Company he has expressly represented and warranted that he is not insolvent or being a company with limited or unlimited liability, knows of no circumstances which would entitle any debenture holder or creditor to appoint a receiver or to petition for the winding-up of the company or to exercise any other rights over or against the Company's assets. Where the Company reasonably believes that any event in clause 13 is about to happen and notifies the Customer accordingly, then, provided that the Goods have not been resold, or irrevocably incorporated into another product, and without limiting any other right or remedy the Company may have, the Company may at any time require the Customer to deliver up the Goods and, if the Customer

fails to do so promptly, enter any premises of the Customer or of any third party where the Goods are stored in order to recover them.
H) Subject to the terms hereof the Customer is licensed by the company to sell on the goods subject to the express condition that he does so as agent for the Company and bailee whether the Customer sells on his own account or not and that the entire proceeds thereof are held in trust for the Company and are not mingled with other monies or paid into any overdrawn bank account and shall be at all times identifiable as the Company's monies.

7. DAMAGE OR LOSS

A) Where shortage or loss in transit occurs to the goods before delivery thereof to the Customer in accordance with the provisions of the contract the Company undertakes to repair or replace such goods free of charge PROVIDED ALWAYS that:-
(i) the Customer shall have given verbal or written notice to the Company within 48 hours of the receipt of the notice of non-delivery of the Company's advice note/invoice any such verbal notice/claim to be confirmed in writing within seven days.
(ii) The Customer shall have returned to the Company's works any such damaged or defective goods within seven days of the receipt thereof.
B) In the event that the Company is required to replace goods within the terms of this condition any specified time for delivery shall be extended for the purpose of such repair or replacement for such periods as the Company shall reasonably require.
C) Save as expressly provided in this condition the Company shall not have any liability whatsoever for or in connection with any damage to or loss of the goods.

8. CANCELLATION

Cancellation will only be agreed to by the Company on condition that all costs and expenses including restocking charges incurred by the Company relating to cancellation, and all loss of profits and other loss or damage resulting to the Company by reason of such cancellation will be reimbursed by the Customer to the Company forthwith.

9. TERMS OF PAYMENT

A) The Company may invoice the Customer for the Goods on or at any time after the completion of delivery.
B) The Customer shall pay the invoice in full and in cleared funds no later than the last Business Day of the month following the month the invoice was dated. Payment shall be made to the bank account nominated in writing by the Company. Time of payment is of the essence.
C) The Customer shall pay all amounts due under the Contract in full without any deduction or withholding except as required by law and the Customer shall not be entitled to assert any credit, set-off or counterclaim against the Company in order to justify withholding payment of any such amount in whole or in part. The Company may at any time, without limiting any other rights or remedies it may have, set off any amount owing to it by the Customer against any amount payable by the Company to the Customer.
D) No disputes arising under the contract nor delays beyond the control of the Company shall interfere with prompt payment by the Customer.
E) In the event of default in payment by the Customer in accordance with the agreed terms, the Company shall be entitled without prejudice to any other right or remedy to suspend all further deliveries without notice.
F) If the Customer fails to make any payment due to the Company under the Contract by the due date for payment (due date), then the Customer shall pay interest on the overdue amount at the rate of 4% per annum above Lloyd's TSB Bank Plc's base rate from time to time. Such interest shall accrue on a daily basis from the due date until the date of actual payment of the overdue amount, whether before or after judgment. The Customer shall pay the interest together with the overdue amount.
G) Payment on export orders shall be made in cash against bills of exchange unless special arrangements have been made in writing between the Company and the Customer.
H) Where goods are sent F.O.B. the responsibility to the Customer shall cease immediately the goods are placed on board ship and the Company shall in consequence be under no obligation to give the Customer the notice specified in the Section 23(3) of the Sale of Goods Act 1979.

10. GUARANTEE

The Company agrees to replace at its own option goods or parts of goods proved to the Company's satisfaction to be faulty (fair wear and tear or damage during use or operation excepted) provided that such fault be notified within one month from the date of despatch from the Company. Any such replacements shall include free delivery to the Customer's works. However, no replacement goods shall be despatched until the goods complained of have been delivered to the Company's premises at the Customer's risk and expense.

11. QUALITY

A) The Company warrants that on delivery, and for a period of 12 months from the date of delivery (warranty period) the Goods shall:
i. conform in all material respects with their description; and
ii. be free from material defects in design, material and workmanship;
B) Subject to clause 11 C), if:
i. the Customer gives notice in writing to the Company during the warranty period within a reasonable time of discovery that some or all of the Goods do not comply with the warranty set out in clause 11 A);
ii. the Company is given a reasonable opportunity of examining such Goods; and
iii. the Customer (if asked to do so by the Company) returns such Goods to the Company's place of business at the Customer's cost.
C) The Company shall, at its option, repair or replace the defective Goods, or refund the price of the defective Goods in full.
D) The Company shall not be liable for Goods' failure to comply with the warranty set out in clause 11 A) in any of the following events:
i. the Customer makes any further use of such Goods after giving notice in accordance with clause 11 B);
ii. the defect arises because the Customer failed to follow the Company's oral or written instructions as to the storage, commissioning, installation, use and maintenance of the Goods or (if there are none) good trade practice regarding the same;
iii. the defect arises as a result of the Company following any drawing, design, instruction or document supplied by the Customer;
iv. the Customer alters or repairs such Goods without the written consent of the Company;
v. the defect arises as a result of fair wear and tear, wilful damage, negligence, or abnormal storage or working conditions; or
vi. the Goods differ from their description as a result of changes made to ensure they comply with applicable statutory or regulatory requirements.
D) Except as provided in this clause 11, the Company shall have no liability to the Customer in respect of the Goods' failure to comply with the warranty set out in clause 11 A).
E) Except as set out in these Conditions, all warranties, conditions and other terms implied by statute or common law are, to the fullest extent permitted by law, excluded from the Contract.
F) These Conditions shall apply to any repaired or replacement Goods supplied by the Company.

12. LIABILITY

A) Nothing in these Conditions shall limit or exclude the Company's liability for:
i. death or personal injury caused by its negligence, or the negligence of its employees, agents or subcontractors (as applicable);
ii. fraud or fraudulent misrepresentation;
iii. breach of the terms implied by section 12 of the Sale of Goods Act 1979;
iv. defective products under the Consumer Protection Act 1987; or
v. any matter in respect of which it would be unlawful for the Company to exclude or restrict liability.
B) Subject to clause 12 A):
i. the Company shall under no circumstances whatever be liable to the Customer, whether in contract, tort (including negligence), breach of statutory duty, or otherwise, for any loss of profit, or any indirect or consequential loss arising under or in connection with the Contract; and
ii. the Company's total liability to the Customer in respect of all other losses arising under or in connection with the Contract, whether in contract, tort (including negligence), breach of statutory duty, or otherwise, shall in no circumstances exceed the price of the Goods as given in the Order.

13. IP & CONFIDENTIAL INFORMATION

A) Title to and all intellectual property in all documents, drawing plans, photographs, illustrations and other printed matter given to the Customer will remain with the Company and the Customer will not communicate any part of them to any third party without the Company's written consent.
B) The Customer will indemnify the Company against all actions and proceedings brought or made against the Company as a result of work done at the Customer's request in accordance with designs and specifications furnished by the Customer and which result in the infringement of any letters patent copyright registered design or trade mark.

14. DETERMINATION

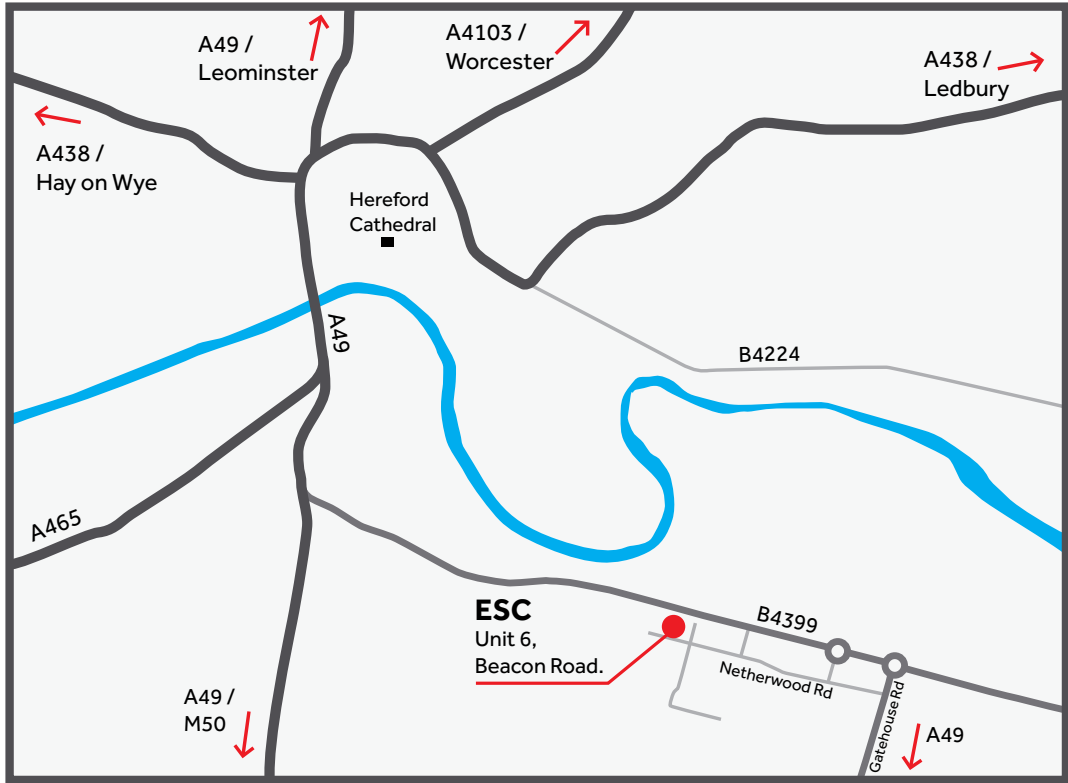
A) If the Customer defaults on payment, commits a breach of contract or becomes subject to any of the events listed in clause 14 B)i. – 14 B)vi. or the Customer reasonably believes that the Customer is about to become subject to any of them and notifies the Customer accordingly, then, without limiting any other right or remedy available to the Company, the Company may determine the Contract, cancel or suspend all further deliveries under the Contract or under any other contract between the Customer and the Company without incurring any liability to the Customer, and all outstanding sums in respect of Goods delivered to the Customer shall become immediately due.
B) For the purposes of clause 14 A), the relevant events are:
i. the Customer suspends, or threatens to suspend, payment of its debts or is unable to pay its debts as they fall due or admits inability to pay its debts or (being a company) is deemed unable to pay its debts within the meaning of section 123 of the Insolvency Act 1986 or (being an individual) is deemed either unable to pay its debts or as having no reasonable prospect of so doing, in either case, within the meaning of section 268 of the Insolvency Act 1986 or (being a partnership) has any partner to whom any of the foregoing apply;
ii. the Customer commences negotiations with all or any class of its creditors with a view to rescheduling any of its debts, or makes a proposal for or enters into any compromise or arrangement with its creditors other than (where a company) for the sole purpose of a scheme for a solvent amalgamation of that other party with one or more other companies or the solvent reconstruction of that other party;
iii. a petition is filed, a notice is given, a resolution is passed, or an order is made, for or in connection with the winding up of the Customer (being a company) other than for the sole purpose of a scheme for a solvent amalgamation of the Customer with one or more other companies or the solvent reconstruction of that other party;
iv. the Customer (being an individual) is the subject of a bankruptcy petition or order;
v. a creditor or encumbrancer of the Customer attaches or takes possession of, or a distress, execution, sequestration or other such process is levied or enforced on or sued against, the whole or any part of its assets and such attachment or process is not discharged within 14 days;
vi. an application is made to court, or an order is made, for the appointment of an administrator or if a notice of intention to appoint an administrator is given or if an administrator is appointed over the Customer (being a company);
vii. a floating charge holder over the assets of that other party (being a company) has become entitled to appoint or has appointed an administrative receiver;
viii. a person becomes entitled to appoint a receiver over the assets of the Customer or a receiver is appointed over the assets of the Customer;
ix. any event occurs or proceeding is taken with respect to the Customer in any jurisdiction to which it is subject that has an effect equivalent or similar to any of the events mentioned in clauses 14 i) to clause 14 viii) (inclusive);
x. the Customer suspends or ceases, or threatens to suspend or cease, to carry on all or a substantial part of its business; or
xi. the Customer (being an individual) dies or, by reason of illness or incapacity (whether mental or physical), is incapable of managing his own affairs or becomes a patient under any mental health legislation.
C) Termination of the Contract, however arising, shall not affect any of the parties' rights and remedies that have accrued as at termination. Clauses which expressly or by implication survive termination of the Contract shall continue in full force and effect.

15. FORCE MAJEURE

Neither party shall be liable for any failure or delay in performing its obligations under the Contract to the extent that such failure or delay is caused by a Force Majeure Event. A Force Majeure Event means any event beyond a party's reasonable control, which by its nature could not have been foreseen, or, if it could have been foreseen, was unavoidable, including lock-outs or other industrial disputes (not involving its own workforce only a third party's), failure of energy sources or transport network, acts of God, war, terrorism, riot, civil commotion, interference by civil or military authorities, national or international calamity, armed conflict, malicious damage, breakdown of plant or machinery, nuclear, chemical or biological contamination, sonic boom, explosions, collapse of building structures, fires, floods, storms, earthquakes, loss at sea, epidemics or similar events, natural disasters or extreme adverse weather conditions, or default of suppliers or subcontractors.

16. GENERAL

A) **Assignment and subcontracting.**
i. The Company may at any time assign, transfer, charge, subcontract or deal in any other manner with all or any of its rights or obligations under the Contract.
ii. The Customer may not assign, transfer, charge, subcontract or deal in any other manner with all or any of its rights or obligations under the Contract without the prior written consent of the Company.
B) **Notices.**
i. Any notice or other communication given to a party under or in connection with the Contract shall be in writing, addressed to that party at its registered office (if it is a company) or its principal place of business (in any other case) or such other address as that party may have specified to the other party in writing in accordance with this clause, and shall be delivered personally, sent by pre-paid first class post, recorded delivery, commercial courier, fax or e-mail.
ii. A notice or other communication shall be deemed to have been received: if delivered personally, when left at the address referred to in clause 16 B) i; if sent by pre-paid first class post or recorded delivery, at 9.00 am on the second Business Day after posting; if delivered by commercial courier, on the date and at the time that the courier's delivery receipt is signed, or, if sent by fax or e-mail, on the Business Day after transmission.
iii. The provisions of this clause shall not apply to the service of any proceedings or other documents in any legal action.
C) **Severance.**
i. If any court or competent authority finds that any provision of the Contract (or part of any provision) is invalid, illegal or unenforceable, that provision or part-provision shall, to the extent required, be deemed to be deleted, and the validity and enforceability of the other provisions of the Contract shall not be affected.
ii. If any invalid, unenforceable or illegal provision of the Contract would be valid, enforceable and legal if some part of it were deleted, the provision shall apply with the minimum modification necessary to make it legal, valid and enforceable.
D) **Waiver.** A waiver of any right or remedy under the Contract is only effective if given in writing and shall not be deemed a waiver of any subsequent breach or default. No failure or delay by a party to exercise any right or remedy provided under the Contract or by law shall constitute a waiver of that or any other right or remedy, nor shall it preclude or restrict the further exercise of that or any other right or remedy. No single or partial exercise of such right or remedy shall preclude or restrict the further exercise of that or any other right or remedy.
E) **Third party rights.** A person who is not a party to the Contract shall not have any rights under or in connection with it.
F) **Variation.** Except as set out in these Conditions, any variation to the Contract, including the introduction of any additional terms and conditions, shall only be binding when agreed in writing and signed by the Company.
G) **Governing law and jurisdiction.** The Contract, and any dispute or claim arising under or in connection with the Contract, or its subject matter or formation (including non-contractual disputes or claims), shall be governed by, and construed in accordance with, English law, and the parties irrevocably submit to the exclusive jurisdiction of the courts of England and Wales.



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Plasma Cutter	£65.00	£125.00
Steam Cleaner	£65.00	£125.00
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