Product Catalogue 2019-20

Caldervale Technology Group.

Caldertech
making the right connections

Our Products

Caldertech offers over 200 products for all your electrofusion and butt welding needs. Our core products include electrofusion and butt welding machines for connecting HDPE pipes, plus all associated tooling for preparing, clamping and maintaining pipe networks.

In addition to our core products we offer a range of specialised tools for the water, gas and steel pipe industries.

The majority of the products in this publication are designed and manufactured in the United Kingdom following the highest quality standards and safety regulations.

bsi. ISO 9001:2015 Quality Management

bsi. ISO 14001:2015 Environmental Management

Helping you make the right connections.

Contents

Our History

For over 30 years, Caldertech and Fusion Equipment, part of the Caldervale Technology Group, have been pioneers in offering complete solutions for joining HDPE pipework through electrofusion and butt fusion products and tools.

Founded in the early 1980s and with its Head Office in West Yorkshire, UK, the Caldervale Technology Group now has global presence and an international reputation for high quality and innovative products for the joining of plastic pipework through its companies Caldertech and Fusion Equipment.

Electrofusion Welding Machines

An Introduction to Our Welding Machines

Our comprehensive range of electronically controlled Electrofusion Welding Machines are guaranteed to supply the correct amount of energy to produce a quality electrofusion joint on couplers, reducers, tee sections, branching saddles and service offtakes.

Containing state of the art control circuitry, the Calder range of welding machines have the option of downloading comprehensive fusion data by USB data stick or transmitting it together with photographic evidence in real time using a mobile phone and our original app CalderSafe® Mobile.

The weld data reporting package can then be analysed with our desktop software application CalderSafe® Weld Data Analyser. Most models can also send data and mobile telephone derived images for remote inspection via the Control Point process.

KEY

ECE Approved to UK Gas Industry Standard GIS/ECE1 Electrofusion Control Boxes.

GIS Approved to UK Gas Industry Standard GIS/PL2 Part 3 Butt Fusion Machines and Ancillary Products.

GIS Approved to UK Gas Industry Standard GIS/PL2 Part 5 Electrofusion Ancillary Tooling.

GIS Approved to UK Gas Industry Standard GIS/PL2 Part 7 Squeeze Off Tools and Equipment.

ISO Conforms to International Standards Organisation ISO 12176-2 Electrofusion.

ISO Conforms to International Standards Organisation ISO 12176-1 Butt Fusion.

↔ Indicates pipe wall thickness.

Ø Indicates pipe diameter.

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The Do's and Don'ts of Electrofusion Jointing

Pre Jointing Checks

- Always use equipment that is in good condition, regularly maintained and within its calibration/service period if appropriate.

- Mechanical scraping tools should be used whenever possible, the cutting tips should be regularly inspected and swapped when worn.

- Check that you have the correct positioning clamps, they are complete and in good condition.

- Ensure that all tools and equipment are appropriate for the complete range of pipe sizes being joined.

- Check that you have somewhere clean and dry to place tools and equipment during the jointing process.

- When taking power from a portable generator, ensure that it is running correctly and has sufficient fuel to complete the fusion and cooling cycle.

Do's

- Fully understand the process of electrofusion (refer to pipe and fitting/equipment manufacturers' guidelines if in doubt).

- Use weather shelter and groundsheet to protect components being joined from contamination.

- Use pipe end covers where possible.

- Always enter your details into the fusion welder if the box requests this, your operator code and job reference will allow full traceability.

- Always use positioning clamps and pipe end re-rounding tools to correctly prepare and assemble the joint.

- Ensure the welder output voltage is compatible with fitting.

- Ensure pipe and fittings to be joined are compatible with each other.

- Before assembling socket joints, cut pipe ends as square as possible, preferably using a mechanical pipe cutting device, ensure both pipe ends are "stabbed" fully into the socket and make contact with the fitting centre register.

- Fully scrape the pipe or spigot ends to be joined using a mechanical scraping tool, the scraped length must exceed the insertion depth of the pipe, hatching the pipe surface to be removed with a marker pen helps to ensure complete removal.

- Keep scraped surfaces clean and where possible assemble the joint immediately after scraping.

- When using Fusamatic fittings in the automatic mode, ensure that the fusion welder is Fusamatic capable, and the polarity of the output lead connector plugs are correctly connected, i.e. Red plug to Red pin.

- Ensure that the fusion weld time shown on the welder display matches the fusion time shown on the fitting or packaging, if they are different discontinue the weld, replace fitting with new bagged fitting or input fusion time manually.

- It is permissible for the time shown on the fusion welder display to be slightly different from the time shown on the fitting or packaging.

- Ensure that the correct fusion time and cooling time are adhered to.

- Ensure that the fusion indicators have risen by completion of the weld cooling time, if not cut out the weld and repeat. Drilling or cutting through a fitting or pipe should only be carried out following required quality inspection and pressure testing.

Don'ts

- When using a portable generator, never start the engine with the fusion welder power lead connected to the power output sockets.

- Do not commence an electrofusion joint unless it can be completed without interruption.

- Do not attempt to use a fusion welder within an excavation.

- When working within U.K. specification WIS 4-32-07 under no circumstances should a second fusion cycle be attempted on any fitting.

- Incomplete, interrupted, failed or aborted fittings should always be cut out, bagged and recorded for submission to a supervisor for inspection.

- Do not use dirty, contaminated or fittings from split or torn bags, or touch previously prepared surfaces.

- Do not leave fittings out of their protective bags or remove them from their bags until immediately prior to use.

- Avoid previously prepared surfaces from becoming wet or damp

- Do not remove clamps from fittings until the cooling time has elapsed.

- Do not remove integral cutters from self-tapping saddles once the connection has been drilled

CalderSafe® Mobile

CalderSafe® Mobile is the latest technology available to analyse real-time weld data from the job site. Using the smartphone app, simply pair with the welder via Bluetooth, send the data to your desired email addresses and open it with the CalderSafe® Weld Data Analyser software.

FEATURES

- Oversee, record and approve joints from a distance
- Capture GPS location of fused fittings
- Send weld data to 4 email addresses
- View up to 4 images or angles of the joint
- 124 point weld graph and mass data charts
- Print summary or individual weld records
- Download CalderSafe® Mobile from Google Play

CALDERSAFE® MOBILE AT A GLANCE

01

Welding data is transfered to smartphone device after completion via Bluetooth.

02

Data file is uploaded via Caldervale Technology's web server.

03

Data file is sent to pre-configured email addresses.

04

Data file is opened with CalderSafe® Weld Data Analyser for quality verification and record keeping.
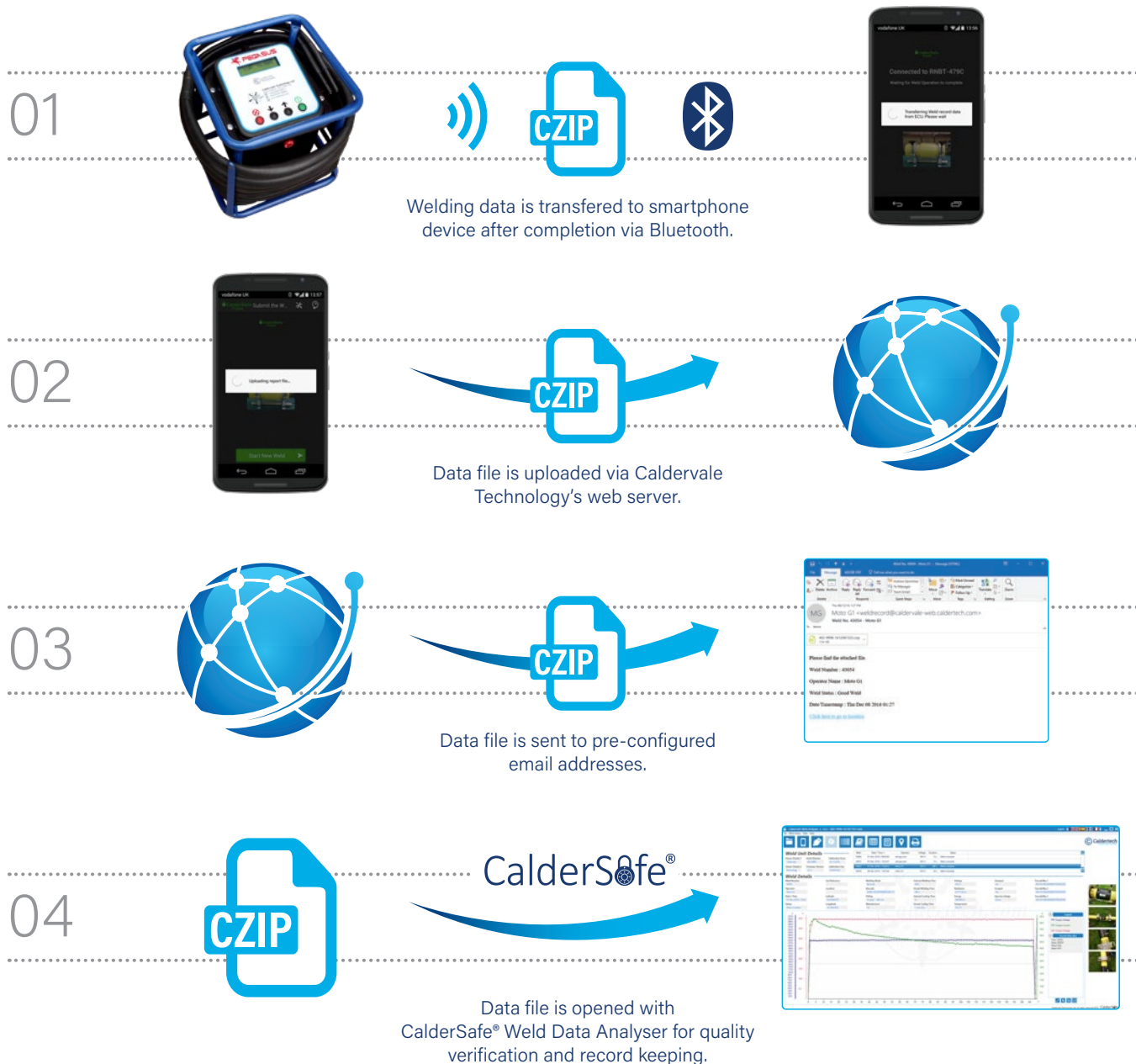
Calder Nomad II

The Calder Nomad II is a portable battery powered unit for welding fittings up to 63mm. With manual input weld times, it is capable of welding 28 x 32mm conventional fittings on 2 fully charged batteries and featuring its high strength "Pelican" plastic case, it is as strong as it is reliable.

FEATURES

- Fully portable, allows freedom of movement and lower operation costs
- Fitting size range 16-63mm Ø
- Choice of terminal sizes
- High Strength "Pelican" Plastic Case
- No generator required
- Complete kit comes with 2 x batteries, battery charger unit and detachable output lead

Technical Specification

Coupling Size Range	16-63mm Ø
Dimensions [HxWxL]	400 x 330 x 170mm
Weight	17kg
Case Material	ABS Plastic
Input Voltage	36v DC Battery Pack
Output Voltage [Vac RMS]	39.5v
Output Current [Continuous Aac RMS]	1-25A DC
Power Consumption	40-1000W
Environmental Protection	IP54

Product Details

Code	Item Description
01-01-013	Nomad fusion welder kit
01-01-262	Nomad fusion welder only
01-01-260	Battery charging unit, with plug
01-01-261	Spare lead / acid battery pack wired, with connector

Calder Griffon™
+ Calder Griffon™ HC

ECE ISO

The Calder Griffon is lightweight and capable of fusing all conventional brands of fittings up to 200mm. Using a high volume cooling fan, it provides reliability for welding in all conditions and offers CalderSafe® Weld Data Analyser and Bluetooth connectivity for CalderSafe® Mobile.

Calder Griffon

Calder Griffon HC

Duo Terminal Option Available

FEATURES

- Barcode scanning and manual time entry
- Fitting size range 16-200mm Ø
- 3.5m output lead
- Choice of terminal sizes
- Data recording of 2,000 welds
- CalderSafe® Weld Data Analyser
- Simple symbolic display
- Terminal adapters supplied

OPTIONAL

- Automatic coupling recognition Fusamatic / Plasson
- Control Point - Blue Box Data Technology
- CalderSafe® Mobile Weld Analyser
- Dual sized output terminals

Technical Specification

Coupling Size Range	16-200mm Ø
Dimensions [HxWxL]	275 x 215 x 385mm (w/ Carry Bag)
	340 x 320 x 570mm (w/ Hard Case)
Weight	12kg (w/ Carry Bag)
	16.5kg (w/ Hard Case)
Case Material	ABS Plastic
Mains Input Cable Length	3.5m
Fusion Output Cable Length	3.5m
Input Voltage	110v or 230v
Input Frequency	40-60Hz
Max. Input Current	16A (110v) / 8A (230v)
Input Power	3450VA
Output Voltage [Vac RMS]	8-48v
Output Current [Continuous Aac RMS]	30A
Environmental Protection	IP54 (w/ Carry Bag)
	IP55 (w/ Hard Case)
Data Recording Capacity	2000 Records

Product Details

Code	Item Description
01-01-480	110v Griffon, with barcode scanner, carry bag
01-01-485	110v Griffon HC, with barcode scanner, protective hard case
01-01-481	230v Griffon, with barcode scanner, carry bag
01-01-486	230v Griffon HC, with barcode scanner and protective hard case
01-01-295	CalderSafe® Mobile Weld Analyser

Calder Pegasus™ ECE ISO

The Calder Pegasus gives you functionality, reliability and affordability, capable of welding all conventional brands of fittings up to 630mm. With automatic fitting recognition, barcode scanning and manual data entry options, this welder is an industry standard.

FEATURES

- Barcode scanning and manual time entry
- Fitting size range 20-630mm Ø
- 4m output lead
- Choice of terminal sizes
- Data recording of 2,000 welds
- CalderSafe® Weld Data Analyser
- Simple symbolic display
- Terminal adapters supplied

OPTIONAL

- Automatic coupling recognition Fusamatic / Plasson
- Control Point - Blue Box Data Technology
- Double insulation
- CalderSafe® Mobile Weld Analyser
- Dual sized output terminals

Technical Specification

Coupling Size Range	20-630mm Ø
Dimensions [HxWxL]	320 x 340 x 340mm
Weight	23kg
Case Material	ABS Plastic
Mains Input Cable Length	10m
Fusion Output Cable Length	4m
Input Voltage	110v or 230v
Input Frequency	40-60Hz
Max. Input Current	30A (110v) / 16A (230v)
Input Power	3.3kVA (110v) / 2.8kVA (230v)
Output Voltage [Vac RMS]	8-48v
Output Current [Continuous Aac RMS]	60A
Environmental Protection	IP54
Data Recording Capacity	2000 Records

Duo Terminal Option Available

Product Details

Code	Item Description
01-01-401	110v Pegasus, with barcode scanner
01-01-402	230v Pegasus, with barcode scanner
01-01-295	CalderSafe® Mobile Weld Analyser
01-01-162	Steel case

Calder Pegasus™ HC

The Calder Pegasus HC gives you functionality, reliability and affordability, capable of welding all conventional brands of fittings up to 630mm. Featuring a protective hard case, automatic fitting recognition, barcode scanning and manual data entry options, this welder is built to last.

Protective Hard Case

Duo Terminal Option Available

FEATURES

- Barcode scanning and manual time entry
- Fitting size range 20-630mm Ø
- 4m output lead
- Choice of terminal sizes
- Data recording of 2,000 welds
- CalderSafe® Weld Data Analyser
- Simple symbolic display
- Terminal adapters supplied

OPTIONAL

- Automatic coupling recognition Fusamatic / Plasson
- Control Point - Blue Box Data Technology
- Double insulation
- CalderSafe® Mobile Weld Analyser
- Dual sized output terminals

Technical Specification

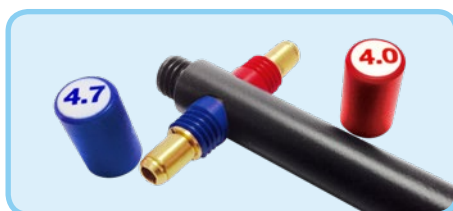|	
Coupling Size Range	20-630mm Ø
Dimensions [HxWxL]	500 x 350 x 280mm
Weight	30kg
Case Material	ABS Plastic
Mains Input Cable Length	10m
Fusion Output Cable Length	4m
Input Voltage	110v or 230v
Input Frequency	40-60Hz
Max. Input Current	30A (110v) / 16A (230v)
Input Power	3.3kVA (110v) / 2.8kVA (230v)
Output Voltage [Vac RMS]	8-48v
Output Current [Continuous Aac RMS]	60A
Environmental Protection	IP55
Data Recording Capacity	2000 Records

Product Details

Code	Item Description
01-01-450	110v Pegasus HC, with barcode scanner and protective hard case
01-01-451	230v Pegasus HC, with barcode scanner and protective hard case
01-01-295	CalderSafe® Mobile Weld Analyser

Calder Connexion® Blue   ISO

The Calder Connexion Blue is a cost effective solution for electrofusion welding of fittings up to 630mm. A fully manual machine, the Connexion Blue is simple to use and built to always deliver.

Duo Terminal Option Available

FEATURES

- Manual time entry
- Fitting size range 20-630mm Ø
- 4m output lead
- Choice of terminal sizes
- Large character display
- Terminal adapters supplied

OPTIONAL

- Steel tool case

Technical Specification

Coupling Size Range	20-630mm Ø
Dimensions [HxWxL]	380 x 280 x 250mm
Weight	24kg
Case Material	ABS Plastic
Mains Input Cable Length	5m
Fusion Output Cable Length	4m
Input Voltage	110v or 230v
Input Frequency	40-60Hz
Max. Input Current	30A (110v) / 16A (230v)
Input Power	3kW
Output Voltage [Vac RMS]	8-48v
Output Current [Continuous Aac RMS]	60A
Environmental Protection	IP54

Product Details

Code	Item Description
01-01-601	110v Connexion Blue
01-01-602	230v Connexion Blue
01-01-155	Steel case

SBOX Max

ISO

The SBOX Max Electrofusion Welder gives you functionality, reliability and is capable of welding any brand of electrofusion fittings for gas, water and other pressure pipe applications up to 630mm, and uses Fusamatic, barcode and manual entry for the input of fusion data.

FEATURES

- Barcode scanning and manual time entry
- Automatic coupling recognition Fusamatic / Plasson
- Fitting size range 20-630mm Ø
- Up to 100,000 joint records on internal SD card
- Choice of terminal sizes
- Data recording of 2,000 welds
- Scratch resistant polycarbonate display
- Multiple language options available

OPTIONAL

- Control Point - Blue Box Data Technology
- CalderSafe® Mobile Weld Analyser

Technical Specification

Coupling Size Range	20-630mm Ø
Dimensions [HxWxL]	300 x 220 x 290mm
Weight	17kg
Case Material	Coated Steel
Mains Input Cable Length	3m
Fusion Output Cable Length	2.5m
Input Voltage	230v
Input Frequency	40-60Hz
Max. Input Current	16A
Input Power	3kW
Output Voltage [Vac RMS]	10-48v
Output Current [Continuous Aac RMS]	60A
Environmental Protection	IP54
Data Recording Capacity	2000 Records

Product Details

Code	Item Description
SBOXMAX	240v SBOX Max
SBOXMAXBC	240v SBOX Max, with barcode scanner

Calder Centaur

The Calder Centaur has been designed to meet the industry's needs with manual and barcode data entry and weld data recording. The unit is constructed of aluminium incorporated with a cable storage facility and can be fitted with GPS location as an optional feature.

Duo Terminal Option Available

FEATURES

- Barcode scanning and manual time entry
- Automatic coupling recognition Fusamatic / Plasson
- Fitting size range 20-630mm Ø
- Data recording up to 702 welds
- 4 x 20 large character display
- Choice of terminal sizes

OPTIONAL

- GPS Location
- CalderSafe® Mobile Weld Analyser

Technical Specification

Coupling Size Range	20-630mm Ø
Dimensions [HxWxL]	380 x 280 x 250mm
Weight	23kg
Case Material	Cast Aluminium
Mains Input Cable Length	4m
Fusion Output Cable Length	4m
Input Voltage	110v or 230v
Input Frequency	40-60Hz
Max. Input Current	30A (110v) / 16A (230v)
Input Power	3kW
Output Voltage [Vac RMS]	8-48v
Output Current [Continuous Aac RMS]	60A
Environmental Protection	IP54
Data Recording Capacity	702 Records

Product Details

Code	Item Description
01-01-181	110v Calder Centaur, with barcode scanner
01-01-183	230v Calder Centaur, with barcode scanner
01-01-155	Steel case
01-01-295	CalderSafe® Mobile Weld Analyser

Calder Connexion® Red

ISO

The Calder Connexion Red welder is a powerful and reliable machine capable of welding all brands of fittings up to 630mm. It features data recording and offers automatic fitting recognition, barcode scanning and manual data entry.

Duo Terminal Option Available

FEATURES

- Barcode scanning and manual time entry
- Automatic coupling recognition Fusamatic / Plasson
- Fitting size range 20-630mm Ø
- Fixed or detachable output lead
- Voltage sensing technology
- Choice of terminal sizes
- Data recording of 702 welds
- 4 x 20 large character display
- Multiple language options available

OPTIONAL

- Steel tool case

Technical Specification

Coupling Size Range	20-630mm Ø
Dimensions [HxWxL]	380 x 280 x 250mm
Weight	24kg
Case Material	Cast Aluminium
Mains Input Cable Length	5m
Fusion Output Cable Length	4m
Input Voltage	110v or 230v
Input Frequency	40-60Hz
Max. Input Current	30A (110v) / 16A (230v)
Input Power	3kW
Output Voltage [Vac RMS]	8-48v
Output Current [Continuous Aac RMS]	60A
Environmental Protection	IP54
Data Recording Capacity	702 Records

Product Details

Code	Item Description
01-01-501	110v Connexion Red, with barcode scanner
01-01-502	230v Connexion Red, with barcode scanner
01-01-155	Steel case

Calder Proxima

ECE   ISO

The Calder Proxima Electrofusion welder is packed with all the capabilities required for any gas and water project installing HDPE fittings up to 1000mm. With three welding modes Fusamatic, barcode and manual, there's no limit to the brand of fittings you use.

Duo Terminal Option Available

FEATURES

- Barcode scanning and manual time entry
- Automatic coupling recognition Fusamatic / Plasson
- Fitting size range 20-1000mm Ø
- Fixed or detachable output lead
- Voltage sensing technology
- Choice of terminal sizes
- Data recording up to 702 weld records
- 4 x 20 large character display
- Multiple language options available

OPTIONAL

- Point of weld recordable GPS location
- CalderSafe® Mobile Weld Analyser

Technical Specification

Coupling Size Range	20-1000mm Ø
Dimensions [HxWxL]	360 x 330 x 350mm
Weight	26kg
Case Material	ABS / Aluminium
Mains Input Cable Length	5m
Fusion Output Cable Length	4m
Input Voltage	110v or 230v
Input Frequency	40-60Hz
Max. Input Current	30A (110v) / 16A (230v)
Input Power	3kW
Output Voltage [Vac RMS]	8-48v
Output Current [Continuous Aac RMS]	60A
Environmental Protection	IP54
Data Recording Capacity	702 Records

Product Details

Code	Item Description
01-01-060	110v Proxima Sirius (manual input only)
01-01-061	230v Proxima Sirius (manual input only)
01-01-074	110v Proxima Centaur, with barcode scanner
01-01-075	230v Proxima Centaur, with barcode scanner
01-01-063	110v Proxima Taurus, 40/80v 2 x detachable output leads
01-01-162	Steel case
01-01-295	CalderSafe® Mobile Weld Analyser

Calder Aquafuse AF160

The Aquafuse AF160 is a small size, easy to use hand held welder for all non-pressure drainage pipe applications. It provides reliable welding and is suitable for fittings manufactured by Akatherm, Valsir, Coes, Gerberit, Wavisolo and other manufacturers.

* Not for use for conventional electrofusion fittings.

FEATURES

- Hand held
- Fitting size range 16-160mm Ø
- Constant current secondary output
- Soft touch case bag
- Lightweight
- Simple to use

Technical Specification

Coupling Size Range	16-160mm Ø
Dimensions [HxWxL]	250 x 115 x 100mm
Weight	3kg
Case Material	ABS Plastic
Input Voltage	230v
Input Frequency	50-60Hz
Max. Input Current	5A
Power Consumption	1150VA
Environmental Protection	IP57

Product Details

Code	Item Description
01-01-096	230v Calder Aquafuse AF160, with soft touch case bag

Calder Aquafuse AF315 110v

The Aquafuse AF315 110v is a simple to use welder made for 110v primary power supplies and designed for all non-pressure drainage pipe applications. It provides reliable welding for HDPE fittings manufacturers including Akatherm, Valsir, Coes, Gerberit and Wavisolo.

FEATURES

- Automatic recognition of fittings
- Fitting size range 16-315mm Ø
- Constant current secondary output
- Colour coded output cables
- High strength casing
- Contains 110v to 230v transformer
- Simple to use

Technical Specification

Coupling Size Range	16-315mm Ø
Dimensions [HxWxL]	385 x 275 x 215mm
Weight	23kg
Case Material	ABS Plastic
Mains Input Cable Length	4m
Fusion Output Cable Length	2m
Input Voltage	110v
Input Frequency	40-60Hz
Max. Input Current	30A
Input Power	3300VA
Environmental Protection	IP57

* Not for use for conventional electrofusion fitting.

Product Details

Code	Item Description
01-01-042	110v Calder Aquafuse AF315
01-01-055	40-160mm Ø connecting pigtail set (Black) for Waviduo
01-01-056	200-315mm Ø connecting pigtail set (Blue) for Akatherm, Eurofusion, Wavisolo
01-01-057	40-160mm Ø connecting pigtail set (Yellow) for Akatherm, Coes, Eurofusion, Gerberit
01-01-058	200-315mm Ø connecting pigtail set (Red) for Gerberit
01-01-059	40-160mm Ø output lead (Green) for Wavisolo
01-01-162	Steel case

Calder Aquafuse AF315

Caldertech's Aquafuse AF315 is a simple to use welder for all non-pressure drainage pipe applications. It provides reliable welding for a range of HDPE fittings manufacturers including Akatherm, Valsir, Coes, Gerberit and Wavisolo.

* Not for use for conventional electrofusion fitting.

FEATURES

- Automatic recognition of fittings
- Fitting size range 16-315mm Ø
- Constant current secondary output
- Colour coded output cables
- High strength casing
- Lightweight
- Simple to use

Technical Specification

Coupling Size Range	16-315mm Ø
Dimensions [HxWxL]	270 x 245 x 175mm
Weight	4kg
Case Material	ABS Plastic
Mains Input Cable Length	4m
Fusion Output Cable Length	2m
Input Voltage	230v
Input Frequency	40-60Hz
Max. Input Current	10A
Input Power	2300W
Environmental Protection	IP57

Product Details

Code	Item Description
01-01-098	230v Calder Aquafuse AF315
304.00.0101	40-160mm Ø connecting pigtail set (Yellow) for Akatherm, Coes, Gerberit, Valsir, Waviduo
304.00.0102	200-315mm Ø connecting pigtail set (Blue) for Akatherm, Wavisolo, Valsir
304.00.0103	200-315mm Ø connecting pigtail set (Red) for Gerberit
304.00.0104	200-315mm Ø connecting pigtail set (Green) for Von Roll
304.00.0105	200-315mm Ø connecting pigtail set (Black) for Coes
304.00.0106	Link lead for co-joining multiple couplers, max. total size 160mm Ø

Electrical Input Plugs

Our welding machines can be adapted to fit the specific electrical outlet plug for your country or region as per global standards.

Type A / NEMA 1-15

Voltage: 100-127v

Mainly Used: USA, Canada, Mexico, Central America, Japan

Type B / NEMA 5-15

Voltage: 100-127v

Mainly Used: USA, Canada, Mexico, Central America, Japan

Type C / CEE 7/16

Voltage: 220-240v

Mainly Used: Europe (except UK, Ireland, Cyprus and Malta), Asia, South America

Type D

Voltage: 220-240v

Mainly Used: India, Nepal

Type E / CEE 7/7

Voltage: 220-240v

Mainly Used: France, Belgium, Poland, Slovakia, Czech Republic, Tunisia, Morocco

Type F / CEE 7/4

Voltage: 220-240v

Mainly Used: Germany, Austria, Netherlands, Sweden, Finland, Norway, Portugal, Spain, Eastern Europe

Type G / BS 1363

Voltage: 220-240v

Mainly Used: UK, Ireland, Cyprus, Malta, Malaysia, Singapore, Hong Kong

Type H

Voltage: 220-240v

Mainly Used: Israel, Palestine

Type I

Voltage: 220-240v

Mainly Used: Australia, New Zealand, Papua New Guinea, China, Argentina
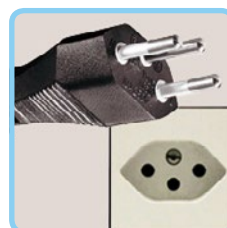
Type J / SEC 1011

Voltage: 220-240v

Mainly Used: Switzerland, Liechtenstein

Type K / DS 60884-2-D1

Voltage: 220-240v

Mainly Used: Denmark, Greenland
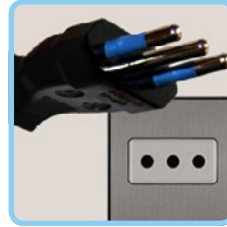
Type L / CEI 23-16/VII

Voltage: 220-240v

Mainly Used: Italy, Chile

Type M

Voltage: 220-240v

Mainly Used: South Africa, Swaziland, Lesotho

Type N

Voltage: 100-240v

Mainly Used: Brazil, South Africa

Industrial Type / BS 4343 110v

Voltage: 100-130v

Mainly Used: UK

Industrial Type / BS 4343 230v

Voltage: 200-250v

Mainly Used: UK

Caldertech.com

Butt Fusion Welding Machines

An Introduction to Our Automatic Butt Fusion Machines

Our range of automatic butt welding machines have been designed and developed for use on gas and water pressure polyethylene pipe networks.

The best possible control of the joining process is achieved through an integral computer in the machines which control and monitor all jointing parameters: time, temperature, pressure, movement and sequence.

The welding process will not continue if any of these parameters are not within the limits specified by the selected welding standard. Designed and manufactured to meet or exceed GIS/PL2-3:2015 and ISO 12176-1:2017.

Caldertech.com

The Do's and Don'ts of Automatic Butt Fusion

Pre Jointing Checks

- Use equipment that is in good condition, regularly maintained and is within recommended calibration/service period.

- Ensure the correct jointing parameters for the particular machine and pipe are understood and correctly selected.

- Ensure that the generator is in good condition and sufficient fuel is available.

- Check that the heater plate faces are clean, wash only when cold with clean water and dry with a lint free cloth or paper towel.

- Check that the pipe end trimmer is clean and the cutting plates are not chipped or damaged, and in the correct position for the required pipe size.

- Ensure that the clamps, liners and securing screws are of the correct size.

- Ensure joining standard is up to date.

Do's

- Always input correct operator and job code where requested to assist in traceability.

- Always use a weld shelter and where possible a ground board or sheet.

- Check the size SDR and pipe material for compatibility.

- Ensure that the pipes are aligned correctly and supported on pipe support rollers to reduce drag.

- Cover pipe ends to prevent wind chill to the heater and joint interface.

- Clean the pipe surfaces inside and out, clean the pipe ends and inside of the machine clamps before fitting the pipe into the machine.

- Wherever possible position pipes into the clamps with markings to the top and aligned.

- Wash the heater plate with water immediately prior to every welding session and perform dummy welds when hot to remove any fine particles and prevent the production of fumes.

- Carry out one dummy weld on pipe sizes up to 180mm and 2 dummy welds to sizes above.

- Always perform dummy welds after changing pipe size or if the heater plate has been allowed to cool.

- A continuous ribbon of material of full wall thickness should be produced from both pipe ends before starting the feathering operation.

- Always store the heater and trimmer in a stand when not in the machine.

- Where necessary remove the external bead with a bead removal tool from the completed joint, bag, mark with the joint number and retain for quality inspection.

Don'ts

- Never attempt to use equipment unless adequately trained to do so.

- Don't attempt to weld pipes of incompatible materials or SDR.

- Don't leave swarf inside pipes or on the chassis.

- Don't introduce dirt onto trimmed pipe ends whilst removing swarf.

- Don't touch trimmed pipe or fitting ends.

- Don't remove welded pipes from the machine before the cooling time has elapsed.

- Don't try to cut corners in any part of the welding process.

- Don't attempt to install the pipe until the joint is fully cool.

Health and Safety

- Never touch a heater plate unless you are absolutely sure it is cold (for cleaning purposes only).

- Avoid contact with the trimmer blades when cleaning.

- When the trimmer is in motion the blades can cause serious injury.

- Don't attempt to operate the trimmer while it is out of the chassis or attempt to by-pass the safety switch

- When machine is in operation, keep hands away from the pipe ends, chassis, trimmer and heater.

- The requirements of manual handling regulations should be adhered to when moving heavy pipes

- An audible alarm is fitted to automatic butt welding machines to give a warning prior to impending movement of the chassis and pipes, the sounding of this should never be ignored and everyone must stand clear.

- Only generators with a centre tapped earth (ground) 55-0-55 or 110-0-110 should be used.

- Adequate personal protection equipment (PPE) should be worn whilst operating a butt welding machine, this should include safety boots/shoes gloves, goggles/glasses, ear defenders etc.

Gator 2

GIS ISO

Automatic Butt Fusion Machine

Globally recognised as the market leader in butt jointing equipment, the Gator 2 manufactured by our sister company Fusion Equipment, is one of the most efficient, robust and reliable machines in the world, providing 100% successful joints time after time.

A truly automatic machine, the Gator 2 leaves nothing to chance and ensures quality jointing from the first joint of the day to the last.

FEATURES

- 21 internationally approved butt welding standards including ISO 21307 and fittings capability
- Manufactured to ISO 12176 part 3 and part 4 compliant
- Electronic trim stops protect against over trimming
- Large backlit display with simple user multilingual interface
- Fast clamp system to improve productivity
- Quick quarter turn heater and trimmer fasteners
- Data recording of 2,000 weld records
- High quality electrohydraulic pump, motor, valves and control circuit

OPTIONAL

- Control Point - Blue Box Data Technology
- CalderSafe® Mobile Weld Analyser
- Reducing shells, bar code scanner, thermal printer

Put simply, the best fully automatic butt fusion machine in the world.

The Gator 2 Control Panel

Continuously Monitored

🌡️°c	**Temperature**
▦	**Movement**
🕐	**Pressure**
🕐	**Time**
📟	**Trimmer Current**
∿	**Heater Continuity**
▦	**Pipe Slippage**
🛢️	**Oil Level**

FULLY AUTOMATIC FEATURES

1. Machine sequencing
2. Trim and feathering cycle
3. Pipe slippage check
4. Peak and dynamic drag measurement
5. Heater plate temperature control
6. Initial bead up distance control
7. Heater retraction
8. Pressure control at bead up, soak, fusion, and cool time
9. Out of specification early warnings

OPERATOR CONTRIBUTION

1. Input pipe, operator details and project details
2. Inspect and approve trim

PREPROGRAMMED PARAMETERS

1. 21 internationally approved welding standards containing specified: Heater Temperatures, Fusion Pressures, Soak Times and Cooling Times
2. Data management systems
3. Diagnostic routines

Technical Specification

	Gator 2 180		Gator 2 250		Gator 2 315		Gator 2 400	
Pipe Range (mm)	63-180 Ø		63-250 Ø		90-315 Ø		200-400 Ø	
Nominal Input Voltage (V)	110	220	110	220	110	220	110	220
Input Frequency (Hz)	50-60	50-60	50-60	50-60	50-60	50-60	50-60	50-60
Min. Generator Output (kVA)	3.5	3.5	4.0	4.0	6.0	6.0	6.5	6.5

	Gator 2 180				Gator 2 250			
	Chassis	Heater	Trimmer	Controller	Chassis	Heater	Trimmer	Controller
Power (kW)	-	1.5	0.75	1.2	-	1.8	0.75	1.2
Height (mm)	320 / 370*	760	440	470	390 / 430*	800	490	470
Width (mm)	570 / 610*	485	390	560	660 / 760*	530	450	560
Length (mm)	430 / 570*	210	270	430	500 / 650*	250	270	430
Weight (kg)	39 / 44*	17	12	46	45 / 51*	21.5	14.5	46
Total Weight (kg)	114 / 119*				127 / 133*			

	Gator 2 315				Gator 2 400			
	Chassis	Heater	Trimmer	Controller	Chassis	Heater	Trimmer	Controller
Power (kW)	-	3.3	0.75	1.2	-	4.0	1.15	1.2
Height (mm)	460 / 500*	900	560	470	580 / 630*	1160	690	470
Width (mm)	690 / 860*	630	550	560	750 / 870*	680	620	560
Length (mm)	625 / 860*	250	270	430	750 / 905*	270	410	430
Weight (kg)	62 / 68.5*	29.5	19	46	76 / 84*	36	32	46
Total Weight (kg)	156.5 / 163*				190 / 198*			

* Includes removable protective cradle.

Data Ouput

Printer	Thermal paper
USB Memory Device	Text file / CalderSafe® Weld Analyser
Bluetooth	CalderSafe® Mobile

Control Point and Joint Manager available upon request.

Memory

Internal Memory Capacity	Up to 2,000 Records
Back Up to SD Card	Up to 400,000 Records
CalderSafe® Mobile	Unlimited

Product Details

Code	Item Description
G180110AFE	Gator 180mm Ø 110v, with 3 pin plug
G180220AFG	Gator 180mm Ø 220v, with 2 pin plug
G180220AFE	Gator 180mm Ø 220v, with 3 pin plug
G250110AFE	Gator 250mm Ø 110v, with 3 pin plug
G250220AFG	Gator 250mm Ø 220v, with 2 pin plug
G250220AFE	Gator 250mm Ø 220v, with 3 pin plug
G315110AFE	Gator 315mm Ø 110v, with 3 pin plug
G315220AFG	Gator 315mm Ø 220v, with 2 pin plug
G315220AFE	Gator 315mm Ø 220v, with 3 pin plug

Code	Item Description
G400110AFE-2	Gator 400mm Ø 110v, with 3 pin plug
G400220AFG-2	Gator 400mm Ø 220v, with 2 pin plug
G400220AFE-2	Gator 400mm Ø 220v, with 3 pin plug
35886	Spare blade for Gator 180mm Ø trimmer
34292	Spare blade for Gator 250mm Ø trimmer
22568	Spare blade for Gator 315mm Ø trimmer
23121	Spare blade for Gator 400mm Ø trimmer
704504	Barcode scanner

Welda 2
Butt Fusion Machine

UK manufactured by Fusion Equipment, the Welda 2 range of semi-automatic butt fusion machines are robust, powerful and packed with quality and safety features to join pipes up to 400mm.

Featuring a fast clamping mechanism, electronically regulated heater temperature, replaceable heater surface plates and a compact design, these machines make the fusion process easy and guarantee performance every time.

FEATURES

- Pipe size range 63-400mm Ø
- Fast clamping
- Lightweight compact machine
- Toolless repositionable 3rd clamp
- Heater pull off mechanism
- Large easy to read pressure gauge
- 150 bar operating system
- Trimmer safety switch
- Electronically regulated heater temperature
- Replaceable heater surface plates
- Non-drip quick release hydraulic connections
- Heater and trimmer stand

OPTIONAL

- Reducing shells
- Stub flange adapter
- Bevel shells for short spigot fitting

Robust, powerful and packed with quality and safety features.

Technical Specification

	Welda 2 180	Welda 2 250	Welda 2 315	Welda 2 400
Pipe Range (mm)	63-180 Ø	63-250 Ø	90-315 Ø	200-400 Ø
Nominal Input Voltage (V)	110 / 230	110 / 230	110 / 230	110 / 230
Input Frequency (Hz)	50	50	50	50
Input Current (A)	30A (110v) / 15A (220v)	32A (110v) / 16A (220v)	46A (110v) / 23A (220v)	57A (110v) / 28A (220v)
Input Power (kW)	3.35	3.65	5.15	6.25
Max. Working Pressure (bar)	150	150	150	150
Min. Generator Output (kVA)	5	5	7	8

<table>
<thead>
<tr><th colspan="6" align="center">Welda 2 180</th><th colspan="5" align="center">Welda 2 250</th></tr>
<tr><th></th><th>Chassis</th><th>Heater</th><th>Trimmer</th><th>Hydraulic Unit</th><th>Heater Stand</th><th>Chassis</th><th>Heater</th><th>Trimmer</th><th>Hydraulic Unit</th><th>Heater Stand</th></tr>
</thead>
<tbody>
<tr><td>Height (mm)</td><td>310</td><td>339</td><td>428</td><td>330</td><td>325</td><td>395</td><td>450</td><td>530</td><td>330</td><td>360</td></tr>
<tr><td>Width (mm)</td><td>402</td><td>40</td><td>280</td><td>330</td><td>380</td><td>510</td><td>40</td><td>280</td><td>330</td><td>450</td></tr>
<tr><td>Length (mm)</td><td>655</td><td>465</td><td>460</td><td>540</td><td>500</td><td>680</td><td>470</td><td>480</td><td>540</td><td>500</td></tr>
<tr><td>Weight (kg)</td><td>38</td><td>7</td><td>12</td><td>37</td><td>5.5</td><td>39.5</td><td>9</td><td>14.5</td><td>37</td><td>11</td></tr>
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<table>
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<tr><th colspan="6" align="center">Welda 2 315</th><th colspan="5" align="center">Welda 2 400</th></tr>
<tr><th></th><th>Chassis</th><th>Heater</th><th>Trimmer</th><th>Hydraulic Unit</th><th>Heater Stand</th><th>Chassis</th><th>Heater</th><th>Trimmer</th><th>Hydraulic Unit</th><th>Heater Stand</th></tr>
</thead>
<tbody>
<tr><td>Height (mm)</td><td>465</td><td>70</td><td>540</td><td>330</td><td>425</td><td>580</td><td>750</td><td>695</td><td>330</td><td>510</td></tr>
<tr><td>Width (mm)</td><td>595</td><td>522</td><td>280</td><td>330</td><td>500</td><td>710</td><td>40</td><td>405</td><td>330</td><td>520</td></tr>
<tr><td>Length (mm)</td><td>695</td><td>500</td><td>610</td><td>540</td><td>515</td><td>715</td><td>650</td><td>618</td><td>540</td><td>600</td></tr>
<tr><td>Weight (kg)</td><td>58.4</td><td>12</td><td>18.8</td><td>37</td><td>12.5</td><td>71.5</td><td>21</td><td>32.5</td><td>37</td><td>16</td></tr>
<tr><td>Total Weight (kg)</td><td colspan="5" align="center">138.7</td><td colspan="5" align="center">178</td></tr>
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</table>

Product Details

Code	Item Description
W180110MFE-2	Welda 2 180mm Ø 110v, with 3 pin plug
W180220MFG-2	Welda 2 180mm Ø 220v, with 2 pin plug
W180220MFE-2	Welda 2 180mm Ø 220v, with 3 pin plug
W250110MFE-2	Welda 2 250mm Ø 110v, with 3 pin plug
W250220MFG-2	Welda 2 250mm Ø 220v, with 2 pin plug
W250220MFE-2	Welda 2 250mm Ø 220v, with 3 pin plug

Code	Item Description
W315110MFE-2	Welda 2 315mm Ø 110v, with 3 pin plug
W315220MFG-2	Welda 2 315mm Ø 220v, with 2 pin plug
W315220MFE-2	Welda 2 315mm Ø 220v, with 3 pin plug
W400110MFE-2	Welda 2 400mm Ø 110v, with 3 pin plug
W400220MFG-2	Welda 2 400mm Ø 220v, with 2 pin plug
W400220MFE-2	Welda 2 400mm Ø 220v, with 3 pin plug

Welda 500
Butt Fusion Machine

ISO

The Welda 500 is a powerful butt fusion machine packed with quality and safety features enabling a single operator to complete 500mm butt fusion joints with minimum effort.

The fast and controlled ejection of the heater plate and trimmer ensures efficiency and higher quality joints while promoting safe working; and when used with a pipe lifter, minimises manual lifting.

Stub Flange Adapter

Compact Trolley

FEATURES

- Pipe size range 250-500mm Ø
- Swing in/out heater and trimmer
- One person quick and safe operation
- Single unit: No heater and trimmer stands
- Repositionable 3rd clamp
- Heater pull off mechanism
- Large easy to read pressure gauge
- Trimmer safety switch
- Electronically regulated heater temperature
- Replaceable heater surface plates
- Non-drip quick release hydraulic connections

OPTIONAL

- Reducing shells, trim set bar, stub flange adapter
- Compact trolley and winch kit

Technical Specification

Pipe Range	250-500mm Ø
Dimensions [HxWxL]	1295 x 905 x 1090mm
Weight	420kg
Input Voltage	220-240v
Input Frequency	50Hz
Input Current	16A
Input Power	4.0kW / 5.7kW
Max. Working Pressure	150bar
Min. Generator Output	9kVA

Product Details

Code	Item Description
W500220HPMFE	Welda 500, 220v High Pressure
W500220MFE	Welda 500, 220v
BFL500450X50	500-450 Ø reducing shells
BFL500400X50	500-400 Ø reducing shells
BFL400355X40T	400-355 Ø reducing shells
BLF400315X40TG	400-315 Ø reducing shells
BFL315280X40T	315-280 Ø reducing shells
BFL315250X40T	315-250 Ø reducing shells
13408	Stub flange adapter
13512	Compact trolley
13496	Trim setting bar
23136	Winch for trolley

Gator 2 and Welda 2 Reducing Shells

Product Details

Code	Item Description	Machine Suitability
Aluminium Reducing Shells		
BFL400355	400-355mm Ø	Gator 2, Welda 2: 400
BFL400315	400-315mm Ø	Gator 2, Welda 2: 400
BFL400250	400-250mm Ø	Gator 2, Welda 2: 400
BFL315280	315-280mm Ø	Gator 2, Welda 2: 400, 315
BFL315250	315-250mm Ø	Gator 2, Welda 2: 400, 315
BFL250225	250-225mm Ø	Gator 2, Welda 2: 400, 315, 250
BFL250200	250-200mm Ø	Gator 2, Welda 2: 400, 315, 250
BFL250180	250-180mm Ø	Gator 2: 315, 250
BFL250160	250-160mm Ø	Gator 2, Welda 2: 315, 250
BFL180160	180-160mm Ø	Gator 2: 315, 250, 180
BFL180140	180-140mm Ø	Gator 2: 315, 250, 180
BFL180125	180-125mm Ø	Gator 2: 315, 250, 180
BFL180110	180-110mm Ø	Gator 2: 315, 250, 180
BFL18090	180-90mm Ø	Gator 2: 315, 250, 180
BFL18075	180-75mm Ø	Gator 2: 250, 180
BFL18063	180-63mm Ø	Gator 2: 250, 180
Noryl Plastic Reducing Shells		
BFL250180PT	250-180mm Ø	Gator 2, Welda 2: 315, 250
BFL180160PT	180-160mm Ø	Gator 2, Welda 2: 315, 250, 180
BFL180140PT	180-140mm Ø	Gator 2, Welda 2: 315, 250, 180
BFL180125PT	180-125mm Ø	Gator 2, Welda 2: 315, 250, 180
BFL180110PT	180-110mm Ø	Gator 2, Welda 2: 315, 250, 180
BFL18090PT	180-90mm Ø	Gator 2, Welda 2: 315, 250, 180
BFL18075PT	180-75mm Ø	Gator 2, Welda 2: 250, 180
BFL18063PT	180-63mm Ø	Gator 2, Welda 2: 250, 180

Gator 2 Thermal Data Printer

FEATURES

- Provides the installer with documentary evidence
- Lightweight, compact and portable

Product Details

Code	Item Description
705892	Advanced thermal data printer
705893	Spare lead only
705799	Spare paper roll

Electrofusion Tooling

Nylon Power Drive Adapter

Aluminium Power Drive Adapter

Calderprep™

GIS

FEATURES

- Pipe range 20-63mm Ø
- Quick and easy to use
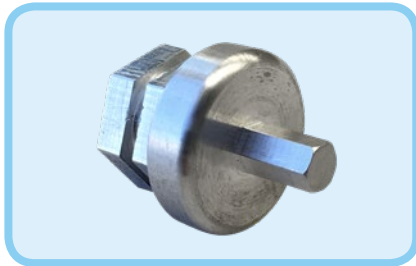- Use optional power drive adapter with cordless drill to prepare pipe in under 30 seconds

Product Details

Code	Item Description
01-07-300	20mm Ø 1.9mm ↔ scraping tool
01-07-301	20mm Ø 3.0mm ↔ scraping tool
01-07-302	20mm Ø SDR11 ↔ scraping tool
01-07-303	25mm Ø 2.3mm ↔ scraping tool
01-07-304	25mm Ø 3.0mm ↔ scraping tool
01-07-305	25mm Ø SDR11 ↔ scraping tool
01-07-358	32mm Ø 1.8mm ↔ scraping tool
01-07-359	32mm Ø 2.3mm ↔ scraping tool
01-07-391	32mm Ø 2.5mm ↔ scraping tool
01-07-306	32mm Ø 3.0mm ↔ scraping tool
01-07-307	32mm Ø SDR11 ↔ scraping tool
01-07-335	40mm Ø 2.3mm ↔ scraping tool
01-07-356	40mm Ø 2.4mm ↔ scraping tool
01-07-308	40mm Ø 3.7mm ↔ scraping tool
01-07-309	50mm Ø 4.6mm ↔ scraping tool
01-07-357	50mm Ø 3.0mm ↔ scraping tool
01-07-392	63mm Ø 3.7mm ↔ scraping tool
01-07-310	63mm Ø 5.8mm ↔ scraping tool
01-07-311	20mm Ø 1.9mm ↔ mandrel insert
01-07-312	20mm Ø 3.0mm ↔ mandrel insert
01-07-313	25mm Ø 2.3mm ↔ mandrel insert
01-07-314	25mm Ø 3.0mm ↔ mandrel insert
01-07-315	32mm Ø 3.0mm ↔ mandrel insert
01-07-316	40mm Ø 3.7mm ↔ mandrel insert
01-07-317	50mm Ø 4.6mm ↔ mandrel insert
01-07-318	63mm Ø 5.8mm ↔ mandrel insert
01-07-331	Spare 4 sided scraping disc
01-07-360	Nylon power drive adapter
01-07-368	Aluminium power drive adapter

Other mandrel inserts available.
Imperial pipe sizes available upon request.

Calderprep™ with Power Drive Adapter

GIS

FEATURES

- Pipe range 20-63mm Ø
- Use adapter with a cordless drill
- 4 sided scraping disc

Product Details

Code	Item Description
01-07-701	20mm Ø SDR11 ⟷ scraping tool, with power drive adapter
01-07-702	25mm Ø 2.3mm SDR11 ⟷ scraping tool, with power drive adapter
01-07-703	32mm Ø 3.0mm SDR11 ⟷ scraping tool, with power drive adapter
01-07-704	40mm Ø 3.7mm SDR11 ⟷ scraping tool, with power drive adapter
01-07-705	50mm Ø 4.6mm SDR11 ⟷ scraping tool, with power drive adapter
01-07-706	63mm Ø 5.8mm SDR11 ⟷ scraping tool, with power drive adapter
01-07-331	Spare 4 sided scraping disc

Imperial pipe sizes available upon request.

Calderprep Plus™

GIS

FEATURES

- Pipe range 20-63mm Ø
- Multi tool in one kit with easily changed mandrel inserts
- Use optional power drive adapter with cordless drill to prepare pipe in under 30 seconds

Product Details

Code	Item Description
01-07-330	20, 25, 32, 63mm Ø SDR11 ⟷ tool kit
01-07-338	20, 25, 32, 40, 50, 63mm Ø SDR11 ⟷ tool kit
01-07-334	20mm Ø (1.9 + 3.0mm) ⟷, 25mm Ø (2.3 + 3.0mm) ⟷, 32mm Ø 3.0mm ⟷, 40mm Ø 3.7mm ⟷, 50mm Ø 4.6mm ⟷, 63mm Ø (3.8 + 5.8mm) ⟷ tool kit
01-07-337	20mm Ø 3.0mm ⟷, 25mm Ø 2.3mm ⟷, 32mm Ø 3.0mm ⟷, 40mm Ø 3.7mm ⟷, 63mm Ø 5.8mm ⟷ tool kit
01-07-370	25, 32, 40, 50 and 63mm Ø SDR7 ⟷ tool kit

Mandrel Inserts
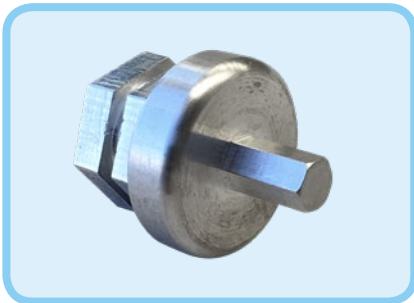
Aluminium Power Drive Adapter

01-07-380	25, 32, 40, 50 and 63mm Ø SDR9 ↔ tool kit
01-07-336	32, 40, 50, 63mm Ø SDR11 ↔ tool kit
01-07-379	32, 40, 50, 63mm Ø SDR11/17 ↔ tool kit
01-07-320	20mm Ø 1.9mm ↔ mandrel insert
01-07-321	20mm Ø 3.0mm ↔ mandrel insert
01-07-371	20mm Ø SDR7 ↔ mandrel insert
01-07-381	20mm Ø SDR9 ↔ mandrel insert
01-07-322	20mm Ø SDR11 ↔ mandrel insert
01-07-362	20mm Ø SDR13.6 ↔ mandrel insert
01-07-350	20mm Ø SDR17 ↔ mandrel insert
01-07-323	25mm Ø 2.3mm ↔ mandrel insert
01-07-324	25mm Ø 3.0mm ↔ mandrel insert
01-07-372	25mm Ø SDR7 ↔ mandrel insert
01-07-382	25mm Ø SDR9 ↔ mandrel insert
01-07-325	25mm Ø SDR11 ↔ mandrel insert
01-07-363	25mm Ø SDR13.6 ↔ mandrel insert
01-07-351	25mm Ø SDR17 ↔ mandrel insert
01-07-390	32mm Ø 2.5mm ↔ mandrel insert
01-07-326	32mm Ø 3.0mm ↔ mandrel insert
01-07-373	32mm Ø SDR7 ↔ mandrel insert
01-07-383	32mm Ø SDR9 ↔ mandrel insert
01-07-364	32mm Ø SDR13.6 ↔ mandrel insert
01-07-352	32mm Ø SDR17 ↔ mandrel insert
01-07-327	40mm Ø 3.7mm ↔ mandrel insert
01-07-374	40mm Ø SDR7 ↔ mandrel insert
01-07-384	40mm Ø SDR9 ↔ mandrel insert
01-07-365	40mm Ø SDR13.6 ↔ mandrel insert
01-07-353	40mm Ø SDR17 ↔ mandrel insert
01-07-328	50mm Ø 4.6mm ↔ mandrel insert
01-07-366	50mm Ø SDR13.6 ↔ mandrel insert
01-07-375	50mm Ø SDR7 ↔ mandrel insert
01-07-385	50mm Ø SDR9 ↔ mandrel insert
01-07-354	50mm Ø SDR17 ↔ mandrel insert
01-07-339	55mm Ø SDR11 ↔ mandrel insert
01-07-329	63mm Ø 5.8mm ↔ mandrel insert
01-07-355	63mm Ø SDR17 ↔ mandrel insert
01-07-376	63mm Ø SDR7 ↔ mandrel insert
01-07-386	63mm Ø SDR9 ↔ mandrel insert
01-07-367	63mm Ø SDR13.6 ↔ mandrel insert
01-07-333	Scraping tool only
01-07-331	Spare 4 sided scraping disc
01-07-332	Tool case with foam insert
01-07-368	Aluminium power drive adapter

Kits can be supplied to suit requirements.

Multiscrape Kit

GIS

FEATURES

- Pipe range 20-63mm Ø
- Expanding pipe adapter mandrels

Product Details

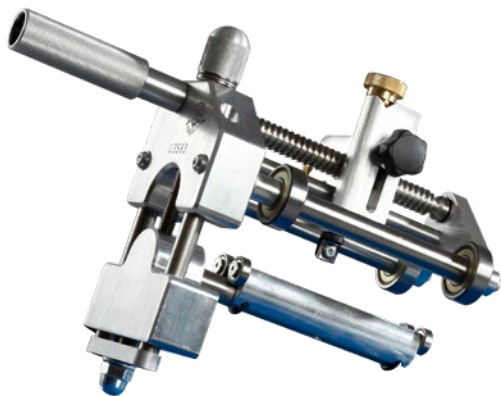| Code	Item Description
Multiscrkitem	Hand tool, 5 expanding and solid mandrel inserts in tool kit box
Multiscrkit	Hand tool, 20-63mm Ø solid mandrel inserts in tool kit box
Multiscrape	Multiscrape hand tool only with blade
35794	32, 40mm Ø mandrel insert
35795	50mm Ø mandrel insert
35796	63mm Ø mandrel insert
35559	Spare blade for multiscrape hand tool

Other mandrel inserts available.

Calder Surprep PT1E

GIS

FEATURES

- Pipe range 20-90mm Ø
- Exchangeable pipe mandrel inserts

Product Details

Code	Item Description
01-07-002	20-90mm Ø pistol hand tool, with scraping tip
01-07-024	20mm Ø 1.9mm ↔ mandrel insert
01-07-025	20mm Ø 3.0mm ↔ mandrel insert
01-07-026	25mm Ø 2.3mm ↔ mandrel insert
01-07-027	25mm Ø 3.0mm ↔ mandrel insert
01-07-028	32mm Ø 3.0mm ↔ mandrel insert
01-07-029	40mm Ø 3.7mm ↔ mandrel insert
01-07-053	50mm Ø 3.0mm ↔ mandrel insert
01-07-030	50mm Ø 4.6mm ↔ mandrel insert
01-07-031	63mm Ø 3.8mm ↔ mandrel insert
01-07-032	63mm Ø 5.8mm ↔ mandrel insert
01-07-033	75mm Ø 4.5mm ↔ mandrel insert
01-07-034	75mm Ø 6.9mm ↔ mandrel insert
01-07-035	90mm Ø 5.4mm ↔ mandrel insert
01-07-036	90mm Ø 8.2mm ↔ mandrel insert
01-07-040	Tool case with foam insert
01-07-042	Spare single point large head scraping tip
01-07-043	Spare single point small head scraping tip

Other mandrel inserts available.

Uniprep™ 4

GIS

FEATURES

- Pipe range 63-250mm Ø / 2"-10" IPS Ø
- Scrape length 130mm
- 4 sided scraping tip

Product Details

Code	Item Description
01-05-002	63-250mm Ø scraping tool, with steel toolbox
01-02-030	Toolbox only Uniprep 4
01-02-023	Spare 4 sided scraping tip
01-02-017	Replacement tip holder

Uniprep™ 4 XL

FEATURES

- Pipe range 63-315mm Ø / 2"-12" IPS Ø
- Extended scrape length 340mm
- Fixing chains

Product Details

Code	Item Description
01-05-010	63-315mm Ø scraper, with toolbox and chains
01-07-043	Spare single point scraping tip
01-18-008	Spare short chain 300mm
01-18-009	Spare long chain 630mm

Uniprep™ 1

GIS

FEATURES

- Pipe range 90-400mm Ø / 3"-16" IPS Ø
- Scrape length 150mm
- 4 sided scraping tip

Product Details

Code	Item Description
01-02-002	90-400mm Ø scraping tool, with steel toolbox
01-02-032	Toolbox only Uniprep 1
01-02-023	Spare 4 sided scraping tip
01-02-017	Replacement tip holder

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Uniprep™ 2   GIS

FEATURES

- Pipe range 125-500mm Ø / 4"-20" IPS Ø
- Scrape length 180mm
- 4 sided scraping tip

Product Details

Code	Item Description
01-03-002	125-500mm Ø scraping tool, with steel toolbox
01-02-032	Toolbox only Uniprep 2
01-02-023	Spare 4 sided scraping tip
01-02-017	Replacement tip holder

Uniprep™ 5   GIS

FEATURES

- Pipe range 450-710mm Ø / 18"-24" IPS Ø
- Scrape length 345mm
- 4 sided scraping tip

Product Details

Code	Item Description
01-06-001	450-710mm Ø scraping tool, with toolbox
01-02-033	Toolbox only Uniprep 5
01-02-023	Spare 4 sided scraping tip
01-02-017	Replacement tip holder

Uniprep™ 7

FEATURES

- Pipe range 630-1000mm Ø / 20"-36" IPS Ø
- Scrape length 640mm
- Floating blade design to follow pipe ingress

Product Details

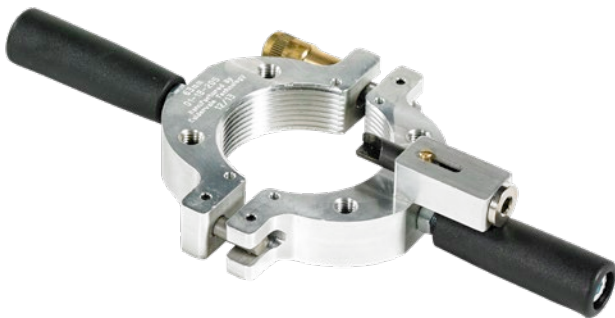| Code	Item Description
01-06-201	630-1000mm Ø scraping tool
01-07-042	Spare single point large head scraping tip

Calderprep™ Saddle Branch Outlet

GIS

FEATURES

- Pipe range 20-63mm Ø
- Uniquely shaped scraping tip for saddle branch outlets
- Can scrape complete length of branch outlet

Product Details

Code	Item Description
01-07-601	20mm Ø SDR11 ↔ scraping tool
01-07-602	25mm Ø SDR11 ↔ scraping tool
01-07-603	32mm Ø SDR11 (3.0mm) ↔ scraping tool
01-07-604	40mm Ø SDR11 (3.7mm) ↔ scraping tool
01-07-605	50mm Ø SDR11 (4.6mm) ↔ scraping tool
01-07-606	63mm Ø SDR11 (5.8mm) ↔ scraping tool
01-07-610	Spare saddle branch outlet scraping tip

Calderline In-line Scraping Tool

FEATURES

- Pipe range 32-125mm Ø
- Designed for in-line and saddle installations
- Easy to use

Product Details

Code	Item Description
01-18-201	32mm Ø in-line scraping tool
01-18-202	40mm Ø in-line scraping tool
01-18-203	50mm Ø in-line scraping tool
01-18-204	55mm Ø in-line scraping tool
01-18-205	63mm Ø in-line scraping tool
01-18-206	75mm Ø in-line scraping tool
01-18-209	90mm Ø in-line scraping tool
01-18-210	110mm Ø in-line scraping tool
01-18-211	125mm Ø in-line scraping tool
01-18-208	Spare Calderline scraping tip

Branch Saddle Window Patch Scraping Tool

GIS

FEATURES

- Suitable for all pipe diameters when using extended length chains
- Window patch sizes 200 x 150mm and 250 x 280mm
- Automatic traverse feed

Product Details

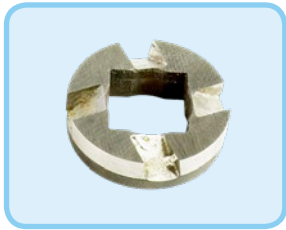| Code	Item Description
01-18-001	200 x 150mm single patch scraping tool, with tool case (no chains)
01-18-002	200 x 150mm + 250 x 280mm double patch scraping tool, with tool case (no chains)
01-18-005	300mm length chain set (2 pcs)
01-18-006	650mm length chain set (2 pcs) for pipe range 75-180mm Ø
01-18-007	1000mm length chain set (2 pcs) for pipe range 125-315mm Ø
01-18-008	300mm length single chain extension
01-18-009	650mm length single chain extension
01-18-010	1000mm length single chain extension
01-18-003	Spare tool case for single patch scraper
01-18-004	Spare tool case for double patch scraper

Harris Hand Scraping Tool

FEATURES

- 4 edged blade
- Low Profile
- Lightweight

Product Details

Code	Item Description
C53MJ001	Hand scraping tool 1½" / 35mm
01-07-200	Hand scraping tool 2½" / 63mm
C53MJ002	Spare scraping blades, 1½" / 35mm (2 pack)
01-07-201	Spare scraping blades 2½" / 63mm (2 pack)

4 Sided Scraping Disc

Single Point Large Head
Scraping Tip

Single Point Small Head
Scraping Tip

4 Sided Scraping Tip

Saddle Branch
Scraping Tip

Scraping Blades

Spare Scraping Blades and Tips

Product Details

Code	Item Description	Scraping Tool
01-07-331	4 sided scraping disc	• Calderprep • Calderprep Plus
01-07-042	Single point large head scraping tip	• Uniprep 7 • Calder Surprep PT1E • Branch Saddle Window Patch Scraping Tool
01-07-043	Single point small head scraping tip	• Uniprep 4 XL • Uniprep 7
01-02-023	4 sided scraping tip	• Uniprep 1 • Uniprep 2 • Uniprep 4 • Uniprep 5
35559	Scraping blade	• Multiscrape Hand tool
01-07-610	Saddle branch scraping tip	• Calderprep Saddle Branch Outlet
01-18-208	Scraping tip	• Calderline
C53MJ002	Scraping blades 1 ½" / 35mm (2 pack)	• Harris Hand Scraping Tool
01-07-201	Scraping blades 2 ½" / 63mm (2 pack)	• Harris Hand Scraping Tool

Caldertech.com

Mini Clamp (Caldervale Pattern) `GIS`

FEATURES

- Pipe range 16-32mm Ø
- Detachable jaws
- Compact and robust

Product Details

Code	Item Description
01-10-100	16 x 20mm Ø, 25 x 32mm Ø clamp, with jaws
01-10-001	20 x 32mm Ø clamp, with jaws
01-10-002	25 x 32mm Ø clamp, with jaws
01-10-010	Mini clamp body block only
01-10-006	20 x 16mm Ø jaw set only (4 pcs)
01-10-005	20 x 32mm Ø jaw set only (4 pcs)
01-10-004	25 x 16mm Ø jaw set only (4 pcs)
01-10-003	25 x 32mm Ø jaw set only (4 pcs)

Service Saddle Outlet Clamp Kit 16-32mm `GIS`

FEATURES

- Pipe range 16-32mm Ø
- Compact design and thin jaws for restricted space
- Can be used for straight, angled and reduced connections

Product Details

Code	Item Description
01-10-205	16, 20, 25, 32mm Ø clamp kit, straight/elbow
01-10 206	20, 25, 32mm Ø clamp kit, 90°
01-10-207	25, 32mm Ø clamp kit, straight/elbow
01-10-211	Clamp kit with socket wrench
01-10-213	16mm Ø jaw set, 90° (4 pcs)
01-10-217	16mm Ø jaw set, straight (4 pcs)
01-10-214	20mm Ø jaw set, 90° (4 pcs)
01-10-218	20mm Ø jaw set, straight (4 pcs)
01-10-230	20mm Ø PE to copper riser elbow clamp
01-10-215	25mm Ø jaw set, 90° (4 pcs)
01-10-219	25mm Ø jaw set, straight (4 pcs)
01-10-216	32mm Ø jaw set, 90° (4 pcs)
01-10-220	32mm Ø jaw set, straight (4 pcs)
01-10-212	Tool case with foam insert

Mini Clamp (Vulcathene Pattern) `GIS`

FEATURES

- Pipe range 16-32mm Ø
- Press-in reducing inserts
- Compact, light and simple operation

Product Details

Code	Item Description
53MK0003	16-32mm Ø clamp, with plastic inserts
C9010943	16mm Ø plastic reducing inserts (4 pcs)
C9010932	20mm Ø plastic reducing inserts (4 pcs)
C9010695	25mm Ø plastic reducing inserts (4 pcs)

Mini Clamp (FEL Pattern) `GIS`

FEATURES

- Pipe range 20-32mm Ø
- Interchangeable jaws
- Simple operation

Product Details

Code	Item Description
Miniclamp	20, 25, 32mm Ø clamp, with detachable jaws

Versaclamp `GIS`

FEATURES

- Pipe range 20-32mm Ø
- Multi angle, cost efficient and designed for tight spaces
- Manufactured from Noryl performance plastic

Product Details

Code	Item Description
Versaclamp 20	20mm Ø multi angle clamp
Versaclamp 25	25mm Ø multi angle clamp
Versaclamp 32	32mm Ø multi angle clamp

Elbowclamp (FEL Pattern)

GIS

FEATURES

- Pipe range 20-32mm Ø
- Simple, effective design for 90° elbows and tight spaces
- Manufactured from Noryl performance plastic

Product Details

Code	Item Description
Elbowclamp 20	20mm Ø elbow clamp
Elbowclamp 25	25mm Ø elbow clamp
Elbowclamp 32	32mm Ø elbow clamp

Superclamp Universal

GIS

FEATURES

- Pipe range 16-63mm Ø
- Multi size clamps in one, for straight and elbow connections
- 3 way adapter available

Product Details

Code	Item Description
01-08-117	16, 20, 25, 32, 40, 50, 63mm Ø clamp
01-08-122	Adapter for 3 way T type connectors

3 Way Adapter

Superclamp

GIS

FEATURES

- Pipe range 16-63mm Ø
- Multi size clamps in one
- Can be used for straight and reducing couplers

Product Details

Code	Item Description
01-08-116	16, 20, 25, 32, 40, 50, 63mm Ø clamp

Posi Clamp

GIS

FEATURES

- Pipe range 20-63mm Ø
- Can be used for couplers, reducers, end caps, tapping tees, 45° and 90° elbows
- Manufactured from Noryl performance plastic

Product Details

Code	Item Description
Miniposi	20, 25, 32, 40mm Ø clamp
Maxiposi	32, 40, 50, 63mm Ø clamp

Midi Clamp (Caldervale Pattern)

GIS

FEATURES

- Pipe range 20-63mm Ø
- Detachable jaws
- Compact and robust

Product Details

Code	Item Description
01-10-101	20, 25 32, 63mm Ø clamp, with jaws
01-10-111	Midi clamp body only
01-10-102	25 x 20mm Ø jaw set only (4 pcs)
01-10-103	32 x 20mm Ø jaw set only (4 pcs)
01-10-104	32 x 25mm Ø jaw set only (4 pcs)
01-10-105	40 x 32mm Ø jaw set only (4 pcs)
01-10-106	50 x 32mm Ø jaw set only (4 pcs)
01-10-107	50 x 40mm Ø jaw set only (4 pcs)
01-10-108	63 x 32mm Ø jaw set only (4 pcs)
01-10-109	63 x 40mm Ø jaw set only (4 pcs)
01-10-110	63 x 50mm Ø jaw set only (4 pcs)

Jaw Set

Caldertech.com

Service Magiclamp

GIS

FEATURES

- Pipe range 20-63mm Ø
- Automatic centering jaws
- Available in 2 and 3 way configuration

Product Details

Code	Item Description
01-17-001	20-63mm Ø 2 way clamp, angle maker
01-17-002	20-63mm Ø 3 way clamp, angle maker
01-17-004	20-63mm Ø 2 way clamp, straight base
01-17-003	2 to 3 way adapter kit only
01-17-005	Jaw set only
01-17-006	2 way double jaw set, extra-long base
01-17-007	Jaw set, 3 way adapter
01-17-008	Straight base only
01-17-010	Angle maker base only

Simple Double Ended Straight Clamp

GIS

FEATURES

- Pipe range 20-63mm Ø
- Easy to use
- Accepts spigot tee

Product Details

Code	Item Description
01-11-001	20mm Ø clamp
01-11-002	25mm Ø clamp
01-11-003	32mm Ø clamp
01-11-004	40mm Ø clamp
01-11-005	50mm Ø clamp
01-11-006	63mm Ø clamp

Simple Elbow Clamp (Caldervale Pattern)

GIS

FEATURES

- Pipe range 20-63mm Ø
- Wide clamping available
- Provides re-rounding capabilities

Product Details

Code	Item Description
01-14-001	20, 25, 32mm Ø elbow clamp
01-14-002	20, 25, 32, 63mm Ø elbow clamp

## Service Saddle Outlet Clamp Kit 40-63mm

GIS

FEATURES

- Pipe range 40-63mm Ø
- Compact design and thin jaws perfect for restricted access
- Can be used for straight, angled and reduced connections

Product Details

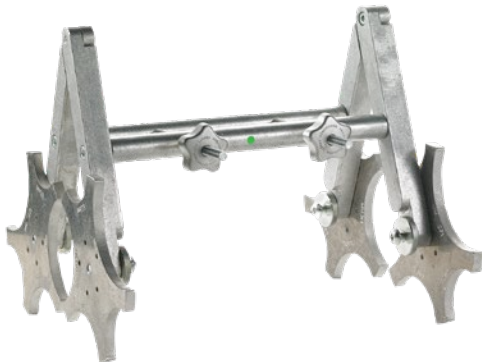| Code	Item Description
01-10-270	40, 50, 55, 63mm Ø clamp kit, straight/elbow
01-10-251	63mm Ø clamp, with jaws
01-10-266	40mm Ø jaw set, 90° (4 pcs)
01-10-267	40mm Ø jaw set, straight (4 pcs)
01-10-264	50mm Ø jaw set, 90° (4 pcs)
01-10-265	50mm Ø jaw set, straight (4 pcs)
01-10-262	55mm Ø jaw set, 90° (4 pcs)
01-10-263	55mm Ø jaw set, straight (4 pcs)
01-10-260	63mm Ø jaw set, 90° (4 pcs)
01-10-261	63mm Ø jaw set, straight (4 pcs)
01-10-256	Tool case with foam insert
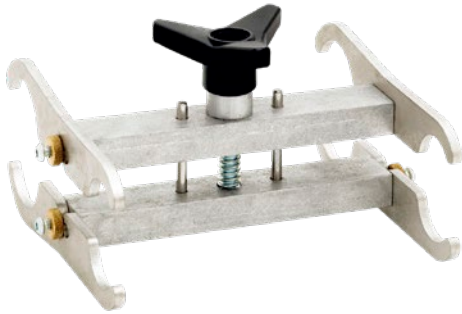
Maxi Clamp (Caldervale Pattern) **GIS**

FEATURES

- Pipe range 63-110mm Ø
- Detachable jaws
- Compact and robust

Product Details

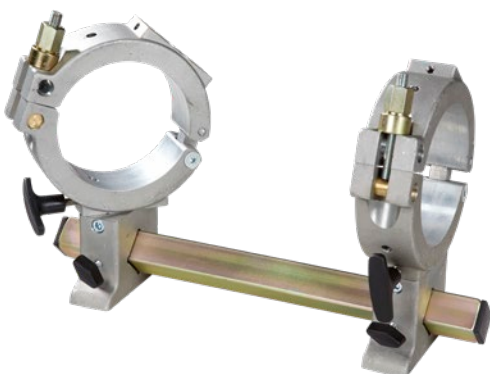| Code	Item Description
01-10-115	20, 25, 32, 40, 50, 63mm Ø clamp, with jaws
01-10-113	75 x 55mm Ø clamp, with jaws
01-10-114	55 x 40mm Ø jaw set only (4 pcs)
01-10-117	63 x 90mm Ø jaw set only (4 pcs)
01-10-112	75 x 55mm Ø jaw set only (4 pcs)
01-10-118	125 x 110mm Ø jaw set only (4 pcs)

Superclamp Mega **GIS**

FEATURES

- Pipe range 63-125mm Ø
- Multi size clamps in one
- Can be used for straight and reducing couplers

Product Details

Code	Item Description
53MB0101	63, 75, 90, 110, 125mm Ø clamp

Spacemaker Positioning Clamp **GIS**

FEATURES

- Pipe range 63-125mm Ø
- Perfect for narrow trench applications
- Integral angle maker and re-rounding capabilities

Product Details

Code	Item Description
01-15-200	63-125mm Ø clamp, without reducing shells, with bag
01-15-006	125-63mm Ø reducing shell set (4 pcs)
01-15-016	125-75mm Ø reducing shell set (4 pcs)
01-15-005	125-90mm Ø reducing shell set (4 pcs)
01-15-210	125-110mm Ø reducing shell set (4 pcs)

Reducing shells available in 2, 4 and 6 piece sets.

Joint Master Multi Size Positioning Clamp

FEATURES

- Pipe range 63-180mm Ø
- Self centering design requires no reducing shells
- Minimal excavation required, fits above pipe joint easily

Product Details

| Code	Item Description
01-09-003	63-180mm Ø 2 way clamp, straight base
01-09-004	63-180mm Ø clamp, 500mm angle maker
01-09-006	63-180mm Ø 3 way clamp, 500mm branch tee
01-09-007	63-180mm Ø 3 way clamp, 750mm branch tee
01-09-005	63-180mm Ø clamp, 750mm angle maker
01-09-011	63-180mm Ø jaw set and branch tee only
01-09-009	63-180mm Ø spare jaw set
01-09-010	Branch tee adapter 500mm
01-09-002	Branch tee adapter 750mm

Mains Positioning Clamp 63-180mm

GIS

FEATURES

- Pipe range 63-180mm Ø
- Available in 2 or 3 way configuration
- Provides re-rounding capabilities

Product Details

Code	Item Description
01-15-001	63, 90, 125, 180mm Ø clamp, straight base
01-15-002	63, 90, 125, 180mm Ø clamp, angle maker
01-15-023	63, 90, 125, 180mm clamp Ø, angle maker, saw and sawing guide
01-15-056	63-180mm Ø clamp, straight base, without reducing shells
01-15-057	63-180mm Ø clamp, angle maker, without reducing shells
01-15-013	63, 90, 125, 180mm Ø 3 way clamp
01-15-055	63, 90, 125, 180mm Ø double clamp, angle maker
01-15-031	63, 110, 125, 160, 180mm Ø clamp, angle maker, with bag
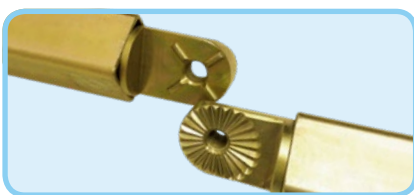
Positive Indexing for Angled Connections

Mains Positioning Clamp in 3 Way Configuration,
Sawing Guide, Saw and Reducing Shells

01-15-027	63, 90, 125, 180mm Ø clamp, straight base, saw and sawing guide
01-15-030	90, 110, 125, 160, 180mm Ø clamp, straight base
01-15-024	90, 110, 125, 160, 180mm Ø double clamp, 1100mm straight base
01-15-025	90, 110, 125, 160, 180mm Ø double clamp, 1500mm angle maker
01-15-022	90, 110, 125, 160, 180mm Ø double clamp, 2 x straight base, angle maker
01-15-012	2 to 3 way adapter kit, with 63, 90, 125mm Ø reducing shells
01-15-006	125-63mm Ø reducing shell set (4 pcs)
01-15-016	125-75mm Ø reducing shell set (4 pcs)
01-15-005	125-90mm Ø reducing shell set (4 pcs)
01-15-009	180-110mm Ø reducing shell set (4 pcs)
01-15-004	180-125mm Ø reducing shell set (4 pcs)
01-15-008	180-140mm Ø reducing shell set (4 pcs)
01-15-007	180-160mm Ø reducing shell set (4 pcs)
01-15-010	Aluminium pipe holding ring only
01-15-011	Aluminium pipe holding ring, with 63, 90, 125mm Ø shells
01-15-029	Straight base only
01-15-003	Angle maker base only 1000mm
01-15-019	Angle fixing lock wing nut for angle maker
01-15-028	Branch tee adapter 500mm
01-15-034	Branch tee adapter 750mm
01-15-068	Base bar only 40 x 40 x 750mm
01-15-069	Base bar only 40 x 40 x 1100mm
01-15-070	Base bar only 40 x 40 x 1500mm
01-16-109	Sawing guide and saw only

Reducing shells available in 2, 4 and 6 piece sets.

Strap Clamp 200

GIS

FEATURES

- Pipe range 40-200mm Ø
- Available in single or double clamp format (2 clamps on each side)
- Angle maker bar for 22.5°, 45° and 90° elbows available

Product Details

Code	Item Description
SC200-2-S	40-200mm Ø single clamp, straight base
SC200-2-S-4	40-200mm Ø double clamp, straight base
SC200-2-K	40-200mm Ø single clamp, angle maker
SC200-2-K-4	40-200mm Ø double clamp, angle maker
SC200ADT	Tee branch leg adapter 40mm diamond
34989	40-200mm Ø additional clamp assembly

Titan 200 Pull Together Clamp

GIS

FEATURES

- Pipe range 40-200mm Ø
- Capable of pulling 12m lengths of pipe in position
- Robust construction with double clamps

Product Details

Code	Item Description
SC200T	40-200mm Ø pull together clamp

Mains Restraining Clamp 63-200mm

FEATURES

- Pipe range 63-200mm Ø
- Can be supplied in double clamp format
- Provides re-rounding capabilities

Product Details

Code	Item Description
01-15-101	63-200mm Ø clamp, straight base, without reducing shells
01-15-102	63-200mm Ø clamp, angle maker, without reducing shells
01-15-103	63-200mm Ø 3 way clamp, without reducing shells
01-15-106	63-200mm Ø double clamp, straight base
01-15-107	63-200mm Ø double clamp, angle maker, without reducing shells
01-15-108	63-200mm Ø double 3 way clamp, without reducing shells
01-15-130	200-63mm Ø reducing shell set (4 pcs)
01-15-133	200-75mm Ø reducing shell set (4 pcs)
01-15-131	200-110mm Ø reducing shell set (4 pcs)
01-15-132	200-160mm Ø reducing shell set (4 pcs)
01-15-110	200-180mm Ø reducing shell set (4 pcs)
01-15-063	Spare hinge and toggle
01-15-064	Spare base traverse fixing wing nut
01-15-065	Spare pillar nut and hand wheel assembly
01-15-066	Spare pillar nut, threaded bar and toggle

Reducing shells available in 2, 4 and 6 piece sets.

Pull Together Clamp 200

FEATURES

- Pipe range 63-200mm Ø
- Provides re-rounding capabilities
- Straight or angle connection and available in 2 or 3 way configuration

Product Details

Code	Item Description
01-15-502	63-200mm Ø clamp, without reducing shells

Reducing shells available in 2, 4 and 6 piece sets.

## K Pattern Strap Clamp 63-250mm

GIS

FEATURES

- Pipe range 63-250mm Ø
- Available in 2 or 3 way configuration
- Simple to use webbing strap design

Product Details

Code	Item Description
01-16-001	63-250mm Ø clamp, straight base
01-16-002	63-250mm Ø clamp, angle maker
01-16-003	63-250mm Ø 3 way clamp
01-16-004	63-250mm Ø 3 way adapter kit only
01-16-006	63-250mm Ø 3 way clamp, with sawing guide
01-16-010	63-250mm Ø clamp, with sawing guide & saw
01-16-005	63-250mm Ø additional pipe carriage
01-16-107	Reducing plates (2 pcs)

Reducing plates are required when using reducing fittings.
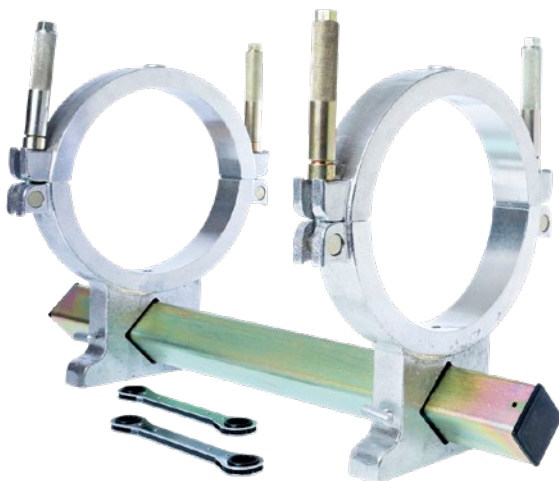
Mains Restraining Clamp 250

GIS

FEATURES

- Pipe range 180-250mm Ø
- Available in 2 or 3 way configuration
- Provides re-rounding capabilities

Product Details

Code	Item Description
01-15-014	250mm Ø clamp, straight base, with ratchet
01-15-017	250mm Ø 3 way clamp, without shells
01-15-026	250mm Ø clamp, angle maker, without shells
01-15-049	250mm double clamp, straight base, without shells
01-15-051	250mm Ø double clamp, angle maker
01-16-106	Angle maker base only
01-15-082	250-180mm Ø reducing shell set (4 pcs)
01-15-081	250-200mm Ø reducing shell set (4 pcs)
01-15-080	250-225mm Ø reducing shell set (4 pcs)

Reducing shells available in 2, 4 and 6 piece sets.

## Large Diameter Mechanical Positioning Kit

GIS

FEATURES

- Pipe range 280-400mm Ø
- Wide clamp area, with re-rounding capabilities
- Angle maker available

Product Details

Code	Item Description
01-08-037	280mm Ø kit, straight base
01-08-033	315mm Ø kit, straight base
01-08-040	315mm Ø kit, angle maker
01-08-025	355mm Ø kit, straight base
01-08-035	400mm Ø kit, straight base
01-08-039	315-280mm Ø reducing shell set (4 pcs)
01-08-036	400-315mm Ø reducing shell set (4 pcs)
01-08-030	400-355mm Ø reducing shell set (4 pcs)

Reducing shells available in 2, 4 and 6 piece sets.
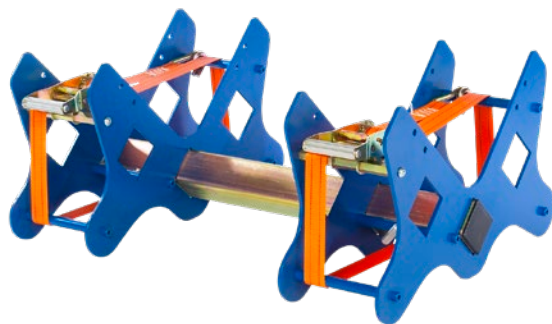
K Pattern Strap Clamp 125-500mm

GIS

FEATURES

- Pipe range 125-500mm Ø
- Available in 2 or 3 way configuration
- Simple to use webbing strap design

Product Details

Code	Item Description
01-16-101	125-500mm Ø clamp, straight base
01-16-102	125-500mm Ø clamp, angle maker
01-16-103	125-500mm Ø 3 way clamp
01-16-104	125-500mm Ø 3 way adapter kit only
01-16-100	125-500mm Ø additional pipe carriage
01-16-106	Angle maker only
01-16-108	Sawing guide and saw only
01-16-110	Tee branch leg only
01-16-105	Reducing plates (2 pcs)

Reducing plates are required when using reducing fittings.

Reducing Plates

Strap Clamp 500

GIS

FEATURES

- Pipe range 160-500mm Ø
- Available in double clamp format (2 clamps on each side)
- Angle maker bar for 22.5°, 45° and 90° elbows available

Product Details

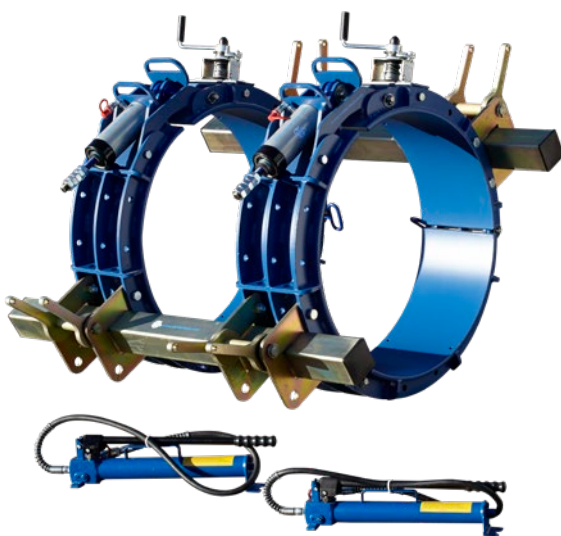| Code	Item Description
SC500	160-500mm Ø clamp, straight base
SC500-2-K	160-500mm Ø clamp, angle maker
SC500-2-K-4	160-500mm Ø double clamp, angle maker
SC500ADT	Tee branch leg adapter 40mm diamond
12799	160-500mm Ø additional clamp assembly

Titan 500 Pull Together Clamp

GIS

FEATURES

- Pipe range 160-500mm Ø
- Capable of pulling 12m lengths of pipe in position
- Robust construction with double clamps

Product Details

Code	Item Description
SC500T	160-500mm Ø pull together clamp

Large Diameter Hydraulic Positioning Kit

GIS

FEATURES

- Pipe range 400-1200mm Ø
- Hydraulically powered
- Full re-rounding capability

Product Details

Code	Item Description
01-08-200	400mm Ø kit ,with 2 pumps
01-08-300	500mm Ø kit, with 2 pumps
01-08-400	630mm Ø kit ,with 2 pumps
01-08-500	710mm Ø kit, with 2 pumps
01-08-600	800mm Ø kit, with 2 pumps and winches
01-08-700	900mm Ø kit, with 2 pumps and winches
01-08-800	1000mm Ø kit, with 2 pumps and winches
01-08-900	1200mm Ø kit, with 2 pumps and winches

Mini Pillar Type Pressure Clamp

FEATURES

- Pipe range 32-40mm Ø
- Designed for tapping saddles
- Compact and easy to use

Product Details

Code	Item Description
01-12-004	32mm Ø Elgev top loading pillar clamp
01-12-008	32mm Ø Kimplas top loading pillar clamp

Pillar Type Kick Under Pressure Clamp for Top Loading Saddles

GIS

FEATURES

- Pipe range 63-250mm Ø
- Minimal excavation required
- Low profile base

Product Details

Code	Item Description
01-12-005	63-250mm Ø top loading kick under clamp
01-12-007	63-250mm Ø top loading swivel kick under clamp

Pillar Type Pressure Clamp for Top Loading Saddles

GIS

FEATURES

- Pipe range 63-250mm Ø
- Turnability allows use in restricted space
- Large under pipe support

Product Details

Code	Item Description
01-12-001	63-250mm Ø top loading pillar clamp

Pillar Type Low Profile Pressure Clamp for Top Loading Saddles

`GIS`

FEATURES

- Pipe range 63-400mm Ø
- Branch saddle adapter foot available
- Low profile under pipe entry

Product Details

Code	Item Description
01-12-015	63-250mm Ø top loading low profile clamp
01-12-016	63-400mm Ø top loading low profile clamp

Webbing Strap Mounted Clamp for Top Loading Saddles

`GIS`

FEATURES

- Pipe range 63-500mm Ø / 63-630mm Ø
- Branch saddle adapter foot available
- Self locking non-slip cam design

Product Details

Code	Item Description
01-13-001	500mm Ø top loading strap clamp
01-13-003	630mm Ø top loading strap clamp
01-13-002	500mm spare strap
01-13-004	630mm spare strap

Branch Saddle Adapter Foot for Pillar Type and Webbing Strap Clamps

`GIS`

Product Details

Code	Item Description
01-12-020	63, 90mm Ø branch saddle adapter foot
01-12-021	63, 125mm Ø branch saddle adapter foot

Nutcracker Pattern Multi Size Re-Rounding Clamp

GIS

FEATURES

- Pipe range 16-32mm Ø
- Multi tool in one
- Simple latch lock

Product Details

Code	Item Description
01-08-034	16-32mm Ø re-rounding clamp

Nutcracker Pattern Single Size Re-Rounding Clamp

GIS

FEATURES

- Pipe range 20-55mm Ø
- Lightweight, compact and easy to carry
- Simple latch lock

Product Details

Code	Item Description
01-08-001	20mm Ø re-rounding clamp
01-08-002	25mm Ø re-rounding clamp
01-08-003	32mm Ø re-rounding clamp
01-08-004	40mm Ø re-rounding clamp
01-08-005	50mm Ø re-rounding clamp
01-08-027	55mm Ø re-rounding clamp

Hinged Collar Re-Rounding Clamp 63-75mm

GIS

FEATURES

- Pipe range 63-75mm Ø
- Side handle allows easy maneuver
- Compact design

Product Details

Code	Item Description
01-08-006	63mm Ø re-rounding hinged clamp
01-08-007	75mm Ø re-rounding hinged clamp

Hinged Collar Re-Rounding Clamp 90-180mm

GIS

FEATURES

- Pipe range 90-180mm Ø
- Easy to use with handles for correct positioning
- Robust design

Product Details

Code	Item Description
01-08-008	90mm Ø re-rounding hinged clamp
01-08-009	110mm Ø re-rounding hinged clamp
01-08-010	125mm Ø re-rounding hinged clamp
01-08-011	140mm Ø re-rounding hinged clamp
01-08-012	160mm Ø re-rounding hinged clamp
01-08-013	180mm Ø re-rounding hinged clamp

Split Collar Re-Rounding Clamp

GIS

FEATURES

- Pipe range 200-250mm Ø
- Robust design
- Comes with ratchet spanner

Product Details

Code	Item Description
01-08-014	200mm Ø re-rounding clamp w/ ratchet spanner
01-08-015	225mm Ø re-rounding clamp w/ ratchet spanner
01-08-016	250mm Ø re-rounding clamp w/ ratchet spanner

2 Segment Re-Rounding Clamp

GIS

FEATURES

- Pipe range 315-400mm Ø
- Comes with ratchet spanner
- 100mm contact area for full face re-rounding

Product Details

Code	Item Description
01-08-028	280mm Ø re-rounding clamp, w/ ratchet spanner
01-08-020	315mm Ø re-rounding clamp, w/ ratchet spanner
01-08-024	355mm Ø re-rounding clamp, w/ ratchet spanner
01-08-029	400mm Ø re-rounding clamp, w/ ratchet spanner

Caldertech.com

3 Segment Hydraulic Re-Rounding Clamp

GIS

FEATURES

- Pipe range 400-1200mm Ø
- Hydraulically powered
- Comes with pump

Product Details

Code	Item Description
01-08-100	400mm Ø re-rounding clamp, with pump
01-08-103	500mm Ø re-rounding clamp, with pump
01-08-106	630mm Ø re-rounding clamp, with pump
01-08-111	710mm Ø re-rounding clamp, with pump
01-08-112	800mm Ø re-rounding clamp, with pump and winch
01-08-113	900mm Ø re-rounding clamp, with pump and winch
01-08-114	1000mm Ø re-rounding clamp, with pump and winch
01-08-751	1200mm Ø re-rounding clamp, with pump and winch

2 Segment and 3 Segment Reducing Shell Sets

Product Details

Code	Item Description
2 Segment Shells for Mechanical Re-Rounding Clamp	
01-08-030	400-355mm Ø reducing shell set (2 pcs)
01-08-036	400-315mm Ø reducing shell set (2 pcs)
01-08-039	315-280mm Ø reducing shell set (2 pcs)
3 Segment Shells for Hydraulic Re-Rounding Clamp	
01-08-101	400-355mm Ø reducing shell set (3 pcs)
01-08-102	400-315mm Ø reducing shell set (3 pcs)
01-08-104	500-450mm Ø reducing shell set (3 pcs)
01-08-105	500-400mm Ø reducing shell set (3 pcs)
01-08-107	630-560mm Ø reducing shell set (3 pcs)
01-08-108	630-500mm Ø reducing shell set (3 pcs)
01-08-110	710-630mm Ø reducing shell set (3 pcs)

Each reducing shell set is for 1 clamp only.

Post Squeeze Off Re-Rounding Clamps

GIS

FEATURES

- Pipe range 63-250mm Ø
- Single bolt tensioning operation
- Removable tensioner for permanent installation

Product Details

Code	Item Description
01-08-055	63mm Ø post squeeze off clamp, with tensioner
01-08-056	75mm Ø post squeeze off clamp, with tensioner
01-08-057	90mm Ø post squeeze off clamp, with tensioner
01-08-058	110mm Ø post squeeze off clamp, with tensioner
01-08-059	125mm Ø post squeeze off clamp, with tensioner
01-08-060	140mm Ø post squeeze off clamp, with tensioner
01-08-061	160mm Ø post squeeze off clamp, with tensioner
01-08-062	180mm Ø post squeeze off clamp, with tensioner
01-08-090	200mm Ø post squeeze off clamp, with tensioner
01-08-091	225mm Ø post squeeze off clamp, with tensioner
01-08-092	250mm Ø post squeeze off clamp, with tensioner
01-08-073	63, 75, 90, 110mm Ø tensioner only
01-08-074	125, 140, 160 180mm Ø tensioner only
01-08-075	63, 75, 90, 110mm Ø swing bolt only
01-08-078	125, 140, 160, 180mm Ø swing bolt only
01-08-076	63, 75, 90, 110mm Ø trunion only
01-08-079	125, 140, 160, 180mm Ø trunion only
01-08-077	63, 75, 90, 110mm Ø locking nut only
01-08-080	125, 140, 160, 180mm Ø locking nut only

180, 125, 63mm Ø Post Squeeze Off
Re-Rounding Clamps

Sacrificial Post Squeeze Off Re-Rounding Clamp

GIS

FEATURES

- Pipe range 50-250mm Ø
- Cost effective and easy to apply
- Can be removed or left in position

Product Details

Code	Item Description
RRC50	50mm Ø post squeeze off clamp
RRC63	63mm Ø post squeeze off clamp
RRC75	75mm Ø post squeeze off clamp
RRC90	90mm Ø post squeeze off clamp
RRC110	110mm Ø post squeeze off clamp
RRC125	125mm Ø post squeeze off clamp
RRC140	140mm Ø post squeeze off clamp
RRC160	160mm Ø post squeeze off clamp
RRC180	180mm Ø post squeeze off clamp
RRC200	200mm Ø post squeeze off clamp
RRC225	225mm Ø post squeeze off clamp
RRC250	250mm Ø post squeeze off clamp

75mm Ø Shears

42mm Ø Shears, High Quality

Plastic Pipe Hand Shears 42-75mm

GIS

FEATURES

- Pipe range 42-75mm Ø
- Lightweight and portable
- For use on PVC, PP and PE tubes

Product Details

Code	Item Description
04-61-201	42mm Ø shears
04-61-203	42mm Ø shears, high quality
04-61-202	63mm Ø shears
04-61-227	75mm Ø shears

Plastic Pipe Rotary Cutter 50-120mm

GIS

FEATURES

- Pipe range 50-120mm Ø
- Lightweight and easy to use
- 20mm cutting depth

Product Details

Code	Item Description
04-61-228	50-120mm Ø rotary cutter
04-61-230	Spare cutter wheel

Plastic Pipe Rotary Cutter 110-200mm

GIS

FEATURES

- Pipe range 110-200mm Ø
- Lightweight and easy to use
- 20mm cutting depth

Product Details

Code	Item Description
04-61-229	110-200mm Ø rotary cutter
04-61-230	Spare cutter wheel

Caldertech.com

Virax Guillotine Cutter

GIS

FEATURES

- Pipe range 63-315mm Ø
- Long life stainless steel blade
- Accurate square cut

Product Details

Code	Item Description
04-61-207	125mm Ø guillotine pipe cutter
04-61-210	225mm Ø guillotine pipe cutter
04-61-211	315mm Ø guillotine pipe cutter
04-61-208	Spare guillotine blade 125mm Ø
04-61-209	Spare guillotine blade 225mm Ø
04-61-213	Spare guillotine blade 315mm Ø

17mm Cutter Drive Key

Self-tapping Saddle Cutter Drive Keys

GIS

FEATURES

- Manufactured from high quality steel
- Zinc passivate coated for long life
- Non standard pattern available

Product Details

Code	Item Description
06-20-401	12mm cutter drive key
06-20-440	12mm x ½" ratchet drive
06-20-457	17mm Georg Fischer fittings cutter drive key
06-20-531	19mm cutter drive key
06-20-513	10mm square x 100mm long cutter drive key
06-20-522	8mm x 200mm long cutter drive key
CUTTERKEYEXL	Extended length cutter drive key

Extended Length Cutter Drive Key

Pipe Towing Heads

FEATURES

- Pipe range 25-450mm Ø
- Expanding action covers most SDR pipe ratings
- Strain tested towing eyebolts

Product Details

Code	Item Description
04-73-036	25mm Ø SDR11/17 ⟷
04-73-037	32mm Ø SDR11/17 ⟷
04-73-016	40mm Ø SDR11/17 ⟷
04-73-017	50mm Ø SDR11/17 ⟷
04-73-003	55mm Ø SDR11/17 ⟷
04-73-004	63mm Ø SDR11/17/21 ⟷
04-73-005	75mm Ø SDR11/17 ⟷
04-73-006	90mm Ø SDR11/17/21 ⟷
04-73-007	110mm Ø SDR11/17 ⟷
04-73-008	125mm Ø SDR11/17/21 ⟷
04-73-009	140mm Ø SDR11/17/21 ⟷
04-73-010	160mm Ø SDR11/17 ⟷
04-73-011	180mm Ø SDR11/17/21 ⟷
04-73-012	200mm Ø SDR11/17 ⟷
04-73-018	200mm Ø SDR21 ⟷
04-73-013	213mm Ø SDR11/17 ⟷
04-73-043	213mm Ø SDR26 ⟷
04-73-014	225mm Ø SDR11/17 ⟷
04-73-015	250mm Ø SDR11/17 ⟷
04-73-039	250mm Ø SDR21 ⟷
04-73-042	280mm Ø SDR11/17 ⟷
04-73-040	280mm Ø SDR21 ⟷
04-73-038	315mm Ø SDR11/17 ⟷
04-73-044	315mm Ø SDR21/26 ⟷
04-73-041	355mm Ø SDR11/17 ⟷
04-73-034	400mm Ø SDR17.6 ⟷
04-73-035	450mm Ø SDR11 ⟷

Other sizes available upon request.

Mud Tight Pipe Towing Heads

FEATURES

- Pipe range 32-180mm Ø
- Expanding action covers most SDR pipe ratings
- Strain tested towing eyebolts

Product Details

Code	Item Description
04-73-056	32mm Ø SDR11/17 ⟷
04-73-064	40mm Ø SDR11/17 ⟷
04-73-065	63mm Ø SDR11/17 ⟷
04-73-057	90mm Ø SDR11/17 ⟷
04-73-058	110mm Ø SDR11/17 ⟷
04-73-059	125mm Ø SDR11/17 ⟷
04-73-062	180mm Ø SDR11/17 ⟷

Other sizes available upon request.

Small Pipe Conical Towing Adapters

FEATURES

- Pipe range 20-32mm Ø
- Can be fitted to hose connector for use with moling machine
- Simple screw in action

Product Details

Code	Item Description
04-73-001	20-32mm Ø threaded connector for metric thread
04-73-002	20-32mm Ø bayonet connector for mole hose
04-73-020	20-32mm Ø shackle connector for towing cable eye

Dee Shackle

Swivel Eye to Eye

Swivel Eye to Jaw

Cable Roller Swivel Link

Towing Head Cable Connection Aids

Product Details

Code	Item Description
Dee Shackle	
04-74-010	1/4" (0.5 ton) dee shackle
04-74-019	5/16" (0.75 ton) dee shackle
04-74-011	3/8" (1.0 ton) dee shackle
04-74-012	7/16" (1.5 ton) dee shackle
04-74-013	1/2" (2.0 ton) dee shackle
04-74-014	5/8" (3.25 ton) dee shackle
04-74-021	¾" (4.75 ton) dee shackle
04-74-022	7/8" (6.5 ton) dee shackle
04-74-017	10mm commercial untested dee shackle
04-74-018	12mm commercial untested dee shackle
Swivel Eye to Eye	
04-74-029	6.0mm (0.4 ton) swivel eye to eye
04-74-030	8.0mm (0.5 ton) swivel eye to eye
04-74-031	10.0mm (1.0 ton) swivel eye to eye
04-74-032	12.0mm (1.6 ton) swivel eye to eye
04-74-033	16.0mm (2.4 ton) swivel eye to eye
Swivel Eye to Jaw	
04-74-035	8mm (0.5 ton) swivel eye to jaw
04-74-036	10mm (1.0 ton) swivel eye to jaw
04-74-037	13mm (1.6 ton) swivel eye to jaw
04-74-038	16mm (2.4 ton) swivel eye to jaw
Cable Roller Swivel Link	
07-01-011	2.0 ton cable roller swivel link
07-01-012	5.0 ton cable roller swivel link

Electrofusion Accessories

Output Power Test Load Bank

Product Details

Code	Item Description
01-01-048*	3 current level output power test load 1, 5, 50 Amps (Fusion welders)
01-01-045*	4 current level output power test load 0.6, 1.2, 22, 35 Amps (Calder Nomad)

* Available to accredited test houses only.

Output Power Test Load Bank 1.8 Amps - 4 Amps

Product Details

Code	Item Description
01-01-255	Test load 1.8 Amps - 4 Amps

Digital Meters

Product Details

Code	Item Description
01-01-251	True rms digital multi meter
01-01-252	True rms digital clamp meter

Resistance Calibration Test Boxes

Product Details

Code	Item Description
53EY0020*	Resistance calibration test box (Fusion Equipment welders)

* Available to accredited test houses only.

Input Voltage Test Box

Product Details

Code	Item Description
01-01-046*	Input voltage test box (Calder Nomad)

* Available to accredited test houses only.

Pattern 1 Detachable Output Lead with Military Plug

Product Details

Code	Item Description
01-01-323	Pattern 1, 40v x 4.0mm Ø, 4.0m long, military plug
01-01-334	Pattern 1, 40v x 4.0mm Ø 4.0m long, military plug, Fusamatic
01-01-322	Pattern 1, 40v x 4.7mm Ø, 4.0m long, military plug
01-01-325	Pattern 1, 40v x 4.7mm Ø 4.0m long, military plug, Fusamatic
01-01-326	Pattern 1, 80v x 5.6mm Ø, 4.0m long, military plug

Pattern 2 Fixed Low Temperature Rubber Shrouded Output Lead

Product Details

Code	Item Description
01-01-321	Pattern 2, 40v x 4.0mm Ø, 4.0m long
01-01-320	Pattern 2, 40v x 4.7mm Ø, 4.0m long
01-01-335	Pattern 2, 40v x 4.0mm Ø, 4.0m long, Fusamatic
01-01-324	Pattern 2, 40v x 4.7mm Ø, 4.0m long, Fusamatic
01-01-331	Pattern 2, 40v x 4.0mm Ø, 4.0m long, 90° elbow connectors
01-01-330	Pattern 2, 40v x 4.7mm Ø, 4.0m long, 90° elbow connectors
01-01-340	Pattern 2, 40v x 4.0/4.7mm Ø, 4.0m long, duo 90° cruciform connectors

Duo 90° Cruciform Connectors

Fitting Connector Terminal Adapters

Product Details

Code	Item Description
01-01-116	Terminal adapter, 4.0mm Ø male probe x 4.7mm Ø female receptacle (2 pack)
01-01-101	Terminal adapter, 4.7mm Ø male probe x 4.0mm Ø female receptacle (2 pack)
01-01-102	Disposable mini adapter, 4.7mm Ø male probe x 4.0mm Ø female receptacle (single)

MK3 4.0mm, 4.7mm, 5.6mm Ø Connectors

Pattern 1 and Pattern 2 Output Lead Service Kits

Product Details

Code	Item Description
01-01-129	MK3, 4.0mm Ø connectors
01-01-177	MK3, 4.0mm Ø Fusamatic connectors
01-01-120	MK3, 4.7mm Ø connectors
01-01-336	MK3, 4.7mm Ø Fusamatic connectors
01-01-143	MK3, 5.6mm Ø connectors (Pattern 1 lead 80v)
01-01-196	MK4, 4.0mm Ø 90° connectors
01-01-197	MK4, 4.7mm Ø 90° connectors
01-01-230	MK5, duo 4.0/4.7mm Ø 90° cruciform connectors

MK4 4.0mm, 4.7mm Ø 90° Connectors

MK5 Duo 4.0/4.7mm Ø 90° Cruciform Connectors

Cypher Labs Barcode
Scanner

Sulux Barcode
Scanner

USB Connector

Buccaneer USB Connector

PS2 Connector

Serial Connector

Barcode Scanners

Product Details

Code	Item Description
01-01-314	Cypher Labs close contact barcode scanner, with USB connector
01-01-316	Cypher Labs close contact barcode scanner, with PS2 connector
01-01-318	Close contact barcode scanner, with Buccaneer USB connector
01-01-319	Close contact barcode scanner, with 4.0m length data lead and serial connector
189.01.0220	Spare lead cat5 to USB
189.01.0221	Spare lead cat5 to PS2
01-01-311	Pouch for scanner

Steel Cases

FEATURES

- Solid steel construction and robust handles
- Internal document holder

Product Details

Code	Item Description
01-01-155	Steel case for Centaur, Connexion welders
01-01-162	Steel case for Proxima, Pegasus welders

Pre-fusion Pipe Wipes

FEATURES

- 50% more wipes than other suppliers
- Large size wipes

Product Details

Code	Item Description
06-20-410	Tub of 150 pipe wipes (300 x 280mm), 70% Isopropyl alcohol / 30% water
06-20-475	Tub of 150 pipe wipes (300 x 280mm), 90% Isopropyl alcohol / 10% water
06-20-524	Tub of 150 pipe wipes (300 x 280mm), 97% Isopropyl alcohol / 3% Methyl alcohol*

Care should be taken handling Methyl alcohol (also called Methanol, wood alcohol, wood naphtha).

USB Data Stick

Product Details

Code	Item Description
01-01-206	USB data stick preloaded CalderSafe® software advanced
01-01-207	USB data stick preloaded Calder utility software basic
01-01-208	USB data stick preloaded Calder Excel add in software
189.01.01411	USB data stick blank

Butt Fusion Tooling

External Debeader 63-125mm GIS

FEATURES

- Pipe range 63-125mm Ø / Max. bead width 15mm

Product Details

Code	Item Description
01-07-520	63-125mm Ø external debeader
01-07-521	Spare debeader blade 63-125mm Ø

External Debeader 90-400mm GIS

FEATURES

- Pipe range 90-400mm Ø / Max. bead width 30mm

Product Details

Code	Item Description
06-20-454	90-400mm Ø external debeader
01-07-513	Spare debeader blade 90-400mm Ø

External Debeader 355-900mm GIS

FEATURES

- Pipe range 355-630mm Ø / Max. bead width 35mm
- Pipe range 500-900mm Ø / Max. bead width 40mm

Product Details

Code	Item Description
01-07-504	355-630mm Ø external debeader
01-07-525	500-900mm Ø external debeader
01-07-505	Spare debeader blade 355-630mm Ø
01-07-526	Spare debeader blade 500-900mm Ø
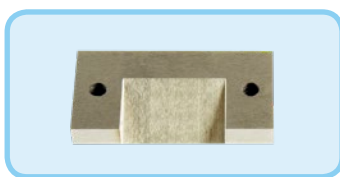
Debeader Blade

External Debeader 710-1200mm

FEATURES

- Pipe range 710-1200mm Ø / Max. bead width 60mm

Product Details

Code	Item Description
EWBRT60	710-1200mm Ø external debeader

## Clear Bore Internal Debeader for Ducting Applications 110-315mm SDR9 and 11

FEATURES

- Pipe range 110-315mm Ø
- Simple and solid construction with a sprung cutter
- Rods can be clipped up to 13m

Product Details

Code	Item Description
IBRTKIT100	110-315mm Ø SDR9, SDR11 ↔ internal bead removal tool kit*
Drive Plates	
23475	110mm Ø SDR11 ↔
23513	125mm Ø SDR9 ↔
23477	125mm Ø SDR11 ↔
23479	160mm Ø SDR11 ↔
23481	180mm Ø SDR11 ↔
23511	200mm Ø SDR11 ↔
23664	225mm Ø SDR9 ↔
23483	225mm Ø SDR11 ↔
23485	250mm Ø SDR11 ↔
23594	315mm Ø SDR11 ↔

* Kit includes 1 drive plate and corresponding rod supports. Please specify size of drive plate required when ordering.

* Not for use on pressure piping applications.
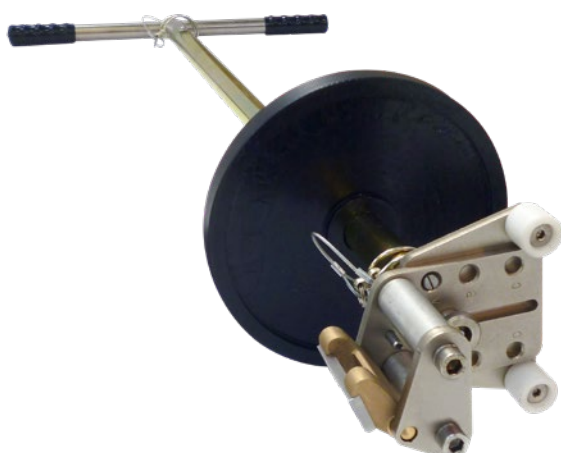
Internal Debeader 110-450mm GIS

FEATURES

- Pipe range 110-400mm Ø (450mm Ø with adapter)
- Robust build quality
- Rods can be clipped up to 13m

Product Details

Code	Item Description
IBRTKIT	110-400mm Ø internal bead removal kit
Bead Removal Heads	
21459	Spare bead removal head size 1
21457	Spare bead removal head size 2
21453	Spare bead removal head size 3
21451	Spare bead removal head size 4
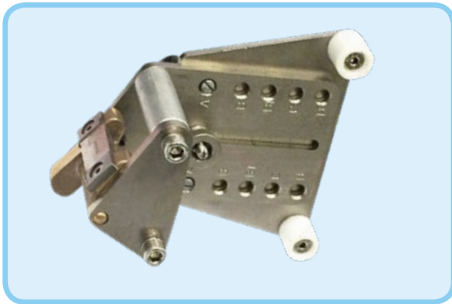
Bead Removal Head

Rod Supports

Rod Support Sets	
32740	Set of 3 rod supports size 1
31754	Set of 3 rod supports size 2
21803	Set of 3 rod supports size 3
21310	Set of 3 rod supports size 4
21859	Set of 3 rod supports size 4b
Rods	
21561	Set of 6 x 2.0m rods, 1 x 1.0m rod
21560	1 x 2.0m rod
21618	1 x 1.0m rod
11560	Spare drive handle
450mm Adapter	
91425	Adapter for 450mm Ø SDR11 ↔
91474	Adapter for 450mm Ø SDR17.6 ↔
51416	Screws for 400-450mm adapter
Cutting Blades	
31681	Spare blade for bead removal heads 1, 2
32187	Spare blade for bead removal head 3, 4
Cases	
11769	Spare storage box
69046	Rod bag

Selection Chart

| SDR ↔	44	32	26	17	11	7.3
mm Ø			Head Size			
110				1B	1A	
125				1D	1C	1A
140				1A	1D	1C
160	2B	2B	2B	2B	2B	1D
180	3A	2C	2C	2C	2B	2B
200	3A	3A	3A	3A	2C	2B
225	3B	3B	3B	3B	3A	2C
250	3C	3C	3C	3C	3B	3A
280	4B	4B	4B	3C	3C	3B
315	4C	4C	4C	4B	4A	3C
355	4D	4D	4D	4C	4C	4A
400				4D	4C	4B
450				4D	4D	

Note: Each debeader head size has multiple settings. These are referred to in the table as A, B, C or D. To select the correct head size you will need to know the outer diameter of the pipe (Ø) you wish to debead and its SDR.

Caldertech.com

Bead Removal Head

Rod Set
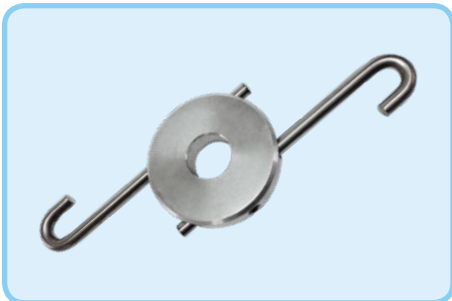
Rod Support Rings

Adapter Legs

Internal Debeader 90-630mm

FEATURES

- Pipe range 90-500mm Ø (630mm Ø with adapter)
- Easy to assemble
- Interchangeable heads

Product Details

Code	Item Description
Bead Removal Heads	
01-07-536	90-110mm Ø bead removal head kit No. 1
01-07-537	125, 140, 160mm Ø bead removal head kit No. 2
01-07-538	160, 180, 200mm Ø bead removal head kit No. 3
01-07-539	225, 250, 280, 315mm Ø bead removal head kit No. 4
01-07-540	355, 400, 450, 500mm Ø bead removal head kit No. 5
Rods	
01-07-535	Set of 9 x 1.5m rods, with carrying bag
630mm Adapter	
01-07-550	500-630mm Ø adapter legs for head kit No. 5
Cutting Blades	
01-07-541	Spare blade for bead removal head kit No. 1
01-07-542	Spare blade for bead removal head kit No. 2, 3
01-07-543	Spare blade for bead removal head kit No. 4, 5

Lay Flat Pipe Roller 355mm

GIS

FEATURES

- Pipe range up to 355mm Ø
- Easy storage design
- Variable height up to 265mm

Product Details

Code	Item Description
53MY0001	355mm Ø pipe roller

H Pattern Pipe Roller 400-710mm

GIS

FEATURES

- Pipe range 400-710mm Ø
- Closing feet for easy storage
- Variable height up to 510mm

Product Details

Code	Item Description
53MY0002	400-710mm Ø pipe roller

Pipe Lifter 400mm

GIS

FEATURES

- Pipe range up to 400mm Ø
- Helps avoid bead damage during butt welding
- Solid build and easy to use

Product Details

Code	Item Description
PIPELIFT400	400mm Ø pipe lifter

Pipe Towing Heads and Adapters

Product Details

Refer to page 64 of this catalogue.

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Squeeze Off Tooling

Mini Size Squeeze Tool

GIS

FEATURES

- Pipe range 0-32mm Ø
- Lightweight and compact
- Easy to carry

Product Details

Code	Item Description
02-31-002	0-32mm Ø mini squeeze tool

Dogs Bone Squeeze Tool

GIS

FEATURES

- Pipe range 16-32mm Ø
- Compact design
- Easy to carry

Product Details

Code	Item Description
02-31-003	16-32mm Ø dogs bone mini squeeze tool

Pocket Size Squeeze Tools

GIS

FEATURES

- Pipe range 20-42mm Ø
- Lightweight and compact
- Easy to carry

Product Details

Code	Item Description
02-31-001	20-42mm Ø pocket size squeeze tool
02-31-011	20-42mm Ø pocket size squeeze tool, stainless steel
02-31-007	Pocket size squeeze tool hex drive type (bright zinc plate, hexagon nut)
02-31-008	Pocket size squeeze tool hex drive type (bright zinc plate, 20mm tee bar)

Heavy Duty Squeeze Tool 16-32mm

GIS

FEATURES

- Pipe range 16-32mm Ø
- Buffer stop plates
- Robust double loop construction

Product Details

Code	Item Description
02-31-004	16, 20, 25, 32mm Ø heavy duty squeeze tool

Heavy Duty Squeeze Tool 20-63mm

GIS

FEATURES

- Pipe range 20-63mm Ø
- Buffer stop plates
- Robust double loop construction

Product Details

Code	Item Description
02-31-201	(20-32), 40, 50, 63mm Ø SDR11 ⟷ heavy duty squeeze tool
02-31-202	20, 25, 32, 40, 50, 63mm Ø SDR11 ⟷ heavy duty squeeze tool
02-31-204	20, 25, 32, 40, 50, 63mm Ø SDR17 ⟷ heavy duty squeeze tool
02-31-209	20, 25, 32, 40, 50, 63mm Ø SDR11/17 ⟷ heavy duty squeeze tool
02-31-208	20, 25, 32, 40, 50, 63mm Ø SDR11/17/26 ⟷ heavy duty squeeze tool
02-31-205	20, 25, 32, 40, 50, 63mm Ø SDR11 ⟷ heavy duty squeeze tool, with bottom bar chain
02-31-206	20, 25, 32, 40, 50, 63mm Ø SDR17 ⟷ heavy duty squeeze tool, with bottom bar chain

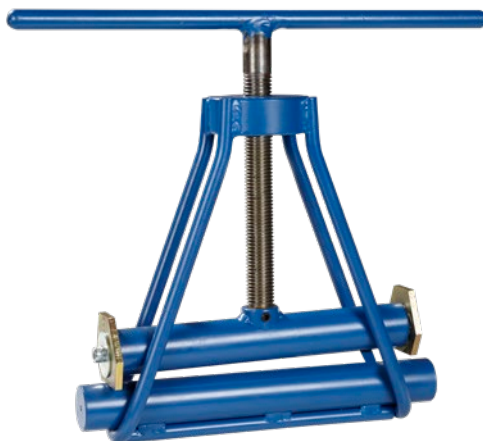## Super Heavy Duty Squeeze Tool 20-63mm · **GIS**

FEATURES

- Pipe range 20-63mm Ø
- Buffer stop plates and removable tommy bar
- Robust double loop construction

Product Details

Code	Item Description
02-31-401	(20-32), 40, 50, 63mm Ø SDR11 ⟷ super heavy duty squeeze tool
02-31-207	20, 25, 32, 40, 50, 63mm Ø SDR11 ⟷ super heavy duty squeeze tool
02-31-402	20, 25, 32, 40, 50, 63mm Ø SDR17.6 ⟷ super heavy duty squeeze tool

Heavy Duty Squeeze Tool 63-125mm · **GIS**

FEATURES

- Pipe range 63-125mm Ø
- Buffer stop plates
- Robust double loop construction

Product Details

Code	Item Description
02-31-801	63, 90, 110mmm Ø SDR11 ⟷ + 90, 110, 125mm Ø SDR17.6 ⟷ heavy duty squeeze tool
02-31-803	63, 75, 90, 110, 125mm Ø SDR21 ⟷ heavy duty squeeze tool
02-31-804	63, 75, 90, 110, 125mm Ø SDR17.6 ⟷ heavy duty squeeze tool

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Iron Man Hydraulic Squeeze Tool 63-125mm

GIS

FEATURES

- Pipe range 63-125mm Ø
- Hydraulically assisted
- Buffer stop plates

Product Details

Code	Item Description
02-31-810	63, 75, 90, 110, 125mm Ø SDR11 ←→ squeeze tool, with pump
02-31-811	63, 90, 110, 125mm Ø SDR11/17.6 ←→ squeeze tool, with pump
02-31-820	63, 75, 90, 110, 125mm Ø SDR11/17.6 ←→ squeeze tool, with pump
02-31-815	63, 75, 90, 110, 125mm Ø SDR17 ←→ squeeze tool, with pump
02-31-812	Iron man hydraulic pump only

Heavy Duty Hydraulic Squeeze Tool 63-180mm

GIS

FEATURES

- Pipe range 63-180mm Ø
- 15 tonne Weber jack
- Stop pins and external retractor springs

Product Details

Code	Item Description
02-31-604	63, 90, 110, 125, 140, 160, 180mm Ø SDR11 ←→ squeeze tool, Weber jack
02-31-602	63, 90, 110, 125, 140, 160, 180mm Ø SDR11/17 ←→ squeeze tool, Weber jack
02-31-606	63, 90, 110, 125, 140, 160, 180mm Ø SDR11/17/21 ←→ squeeze tool, home jack
02-31-605	63, 90, 110, 125, 140, 160, 180mm Ø SDR17 ←→ squeeze tool, Weber jack
02-31-601	63, 90, 125, 180mm Ø SDR11/17.6 ←→ squeeze tool, Weber jack
02-31-607	63, 90, 125, 180mm Ø SDR11/17.6 ←→ squeeze tool, home jack
02-31-628	Spare buffer stop plate 63, 75, 90, 110, 125, 140, 160, 180mm Ø SDR11 ←→ (1 piece)

02-31-627	Spare buffer stop plate 63, 75, 90, 110, 125, 140, 160, 180mm Ø SDR17 ⟷ (1 piece)
02-31-629	Spare buffer stop plate UK 63, 90, 125, 180mm Ø SDR11/17 ⟷ (1 piece)
02-31-625	Spare jack operating tubular handle (1 piece)

Heavy Duty Hydraulic Squeeze Tool 63-200mm

GIS

FEATURES

- Pipe range 63-200mm Ø
- 15 tonne Weber jack
- Stop pins and external retractor springs

Product Details

Code	Item Description
02-31-650	63, 75, 90, 110, 125, 140, 160, 180, 200mm Ø SDR11 ⟷ squeeze tool, Weber jack
02-31-652	63, 75, 90, 110, 125, 140, 160, 180, 200mm Ø SDR11/17 ⟷ squeeze tool, Weber jack
02-31-651	63, 75, 90, 110, 125, 140, 160, 180, 200mm Ø SDR17 ⟷ squeeze tool, Weber jack
02-31-660	Spare buffer stop plate 63-200mm Ø SDR11 ⟷ (1 piece)
02-31-664	Spare buffer stop plate 63-200mm Ø SDR13.6 ⟷ (1 piece)
02-31-661	Spare buffer stop plate 63-200mm Ø SDR17 ⟷ (1 piece)
02-31-662	Spare buffer stop plate 63-200mm Ø SDR17.6 ⟷ (1 piece)
02-31-663	Spare buffer stop plate 63-200mm Ø SDR21 ⟷ (1 piece)

Heavy Duty A Frame Hydraulic Squeeze Tool 160-250mm

GIS

FEATURES

- Pipe range 160-250mm Ø
- 25 tonne lightweight jack
- Single unit operation

Product Details

Code	Item Description
02-31-701	160, 180, 200, 225, 250mm Ø SDR11/17 ↔ squeeze tool, with jack
02-31-702	160, 180, 200, 225, 250mm Ø SDR11/17/26 ↔ squeeze tool, with jack
02-31-710	Spare jack handle, with M8 socket key
02-31-714	Spare buffer stop plate 160-250mm Ø SDR17 ↔ (1 piece)
02-31-715	Spare buffer stop plate 160-250mm Ø SDR11 ↔ (1 piece)
02-31-716	Spare leak check lock pin with plastic clip (1 piece)
02-31-717	Spare M20 safety screwed long thread (1 piece)
02-31-718	Spare 25 tonne jack control valve
02-31-720	Spare jack safety lock collar
02-31-722	Spare 25 tonne hydraulic jack pre drilled
02-31-723	Spare external retractor spring (1 piece)
02-31-724	Spare frame loop leg with lifting handle

Air Over Hydraulic
Intensifier Unit

Safety Stops

Hydraulic Squeeze Tool X4
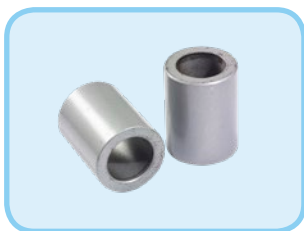# 180-250mm

FEATURES

- Pipe range 180-250mm Ø
- Detachable locking squeeze bars
- Two stage hydraulic hand pump for speed and power

Product Details
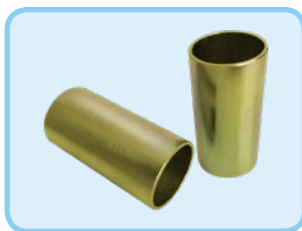
Code	Item Description
02-31-750	180-250mm Ø hydraulic squeeze tool, 1 set of detachable closure bars, 1 set of safety stops
02-31-751	Spare pipe closure bars, with lock screws
02-31-752	Spare Lock screws set (2 pcs)
02-31-753	Spare hydraulic cylinder with hydraulic couplings
02-31-754	Spare hydraulic pump with hydraulic couplings
02-31-755	Air over hydraulic intensifier unit 110v
02-31-756	Air over hydraulic intensifier unit 230v
02-31-761	Safety stops 180mm Ø SDR11 ↔ (2 pcs)
02-31-762	Safety stops 200mm Ø SDR11 ↔ (2 pcs)
02-31-763	Safety stops 225mm Ø SDR11 ↔ (2 pcs)
02-31-764	Safety stops 250mm Ø SDR11 ↔ (2 pcs)
02-31-766	Safety stops 180mm Ø SDR17 ↔ (2 pcs)
02-31-767	Safety stops 200mm Ø SDR17 ↔ (2 pcs)
02-31-768	Safety stops 225mm Ø SDR17 ↔ (2 pcs)
02-31-769	Safety stops 250mm Ø SDR17 ↔ (2 pcs)

Safety Stops

Hydraulic Dismountable Squeeze Tool 250-315mm

GIS

FEATURES

- Pipe range 250-315mm Ø
- Fully dismountable for easy transportation
- Easily assembled on pipe

Product Details

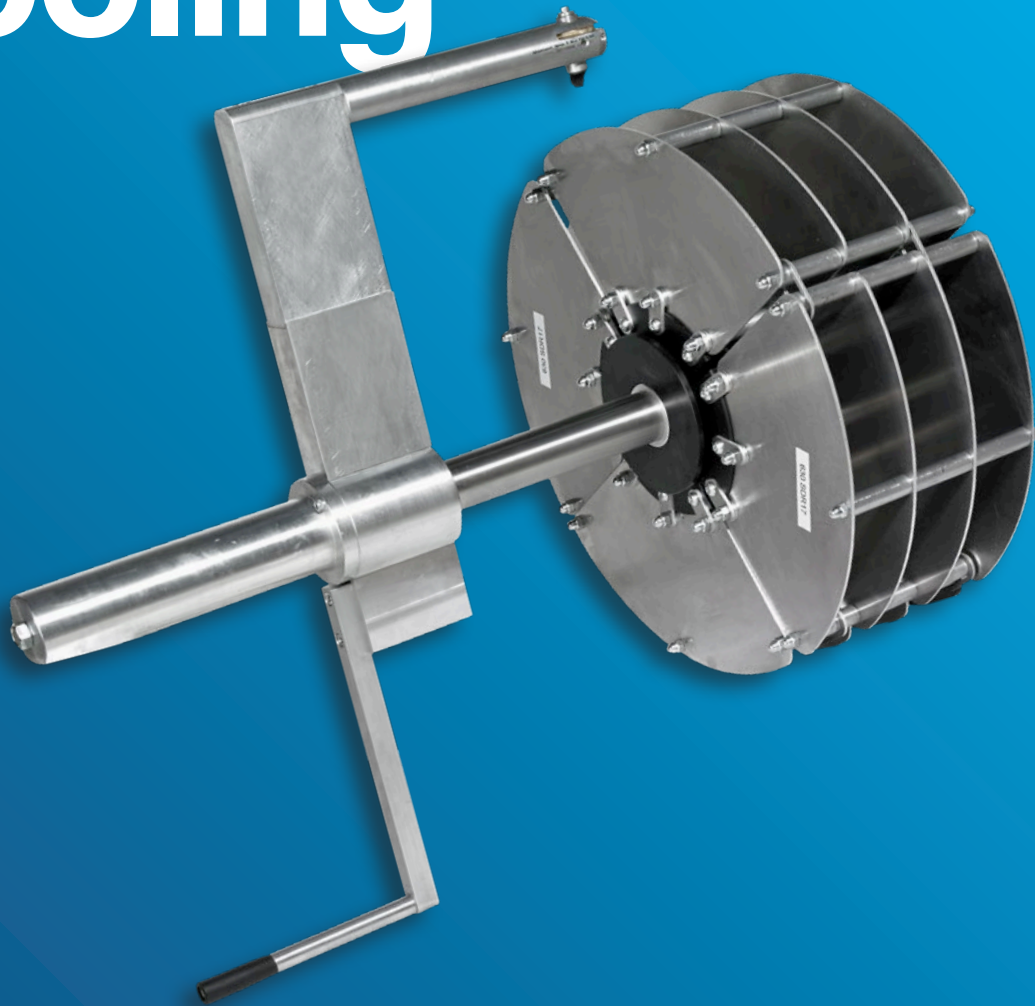| Code	Item Description
02-31-901	250-315mm Ø dismountable squeeze tool, without safety stops
02-31-909	Jack space piece 250mm Ø and below
02-31-908	Jack space piece 280mm Ø and above
02-31-930	Safety stops 200mm Ø SDR11 ←→ (2 pcs)
02-31-935	Safety stops 225mm Ø SDR11 ←→ (2 pcs)
02-31-902	Safety stops 250mm Ø SDR11 ←→ (2 pcs)
02-31-903	Safety stops 280mm Ø SDR11 ←→ (2 pcs)
02-31-904	Safety stops 315mm Ø SDR11 ←→ (2 pcs)
02-31-931	Safety stops 200mm Ø SDR17 ←→ (2 pcs)
02-31-936	Safety stops 225mm Ø SDR17 ←→ (2 pcs)
02-31-905	Safety stops 250mm Ø SDR17 ←→ (2 pcs)
02-31-906	Safety stops 280mm Ø SDR17 ←→ (2 pcs)
02-31-907	Safety stops 315mm Ø SDR17 ←→ (2 pcs)
02-31-932	Safety stops 200mm Ø SDR17.6 ←→ (2 pcs)
02-31-937	Safety stops 225mm Ø SDR17.6 ←→ (2 pcs)
02-31-922	Safety stops 250mm Ø SDR17.6 ←→ (2 pcs)
02-31-923	Safety stops 280mm Ø SDR17.6 ←→ (2 pcs)
02-31-924	Safety stops 315mm Ø SDR17.6 ←→ (2 pcs)
02-31-933	Safety stops 200mm Ø SDR21 ←→ (2 pcs)
02-31-938	Safety stops 225mm Ø SDR21 ←→ (2 pcs)
02-31-919	Safety stops 250mm Ø SDR21 ←→ (2 pcs)
02-31-920	Safety stops 280mm Ø SDR21 ←→ (2 pcs)
02-31-921	Safety stops 315mm Ø SDR21 ←→ (2 pcs)

Other safety stops available upon request.

Squeeze Off Applied Witness Tape

Product Details

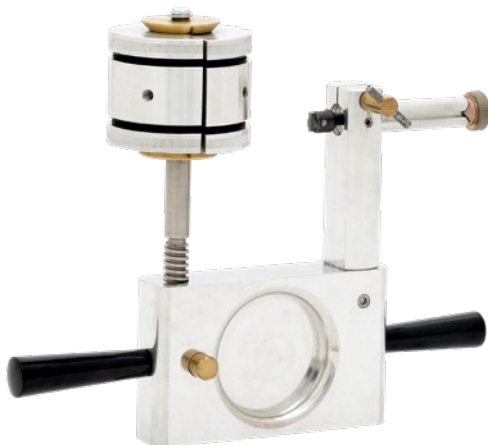| Code	Item Description
06-62-050	75mm x 33m squeeze off tape

Barrier Pipe Tooling

Surprep ProtectaLine® 1, 32-110mm

FEATURES

- Pipe range 32-110mm Ø
- Single scrape operation
- Quick release for easy removal from pipe

Product Details

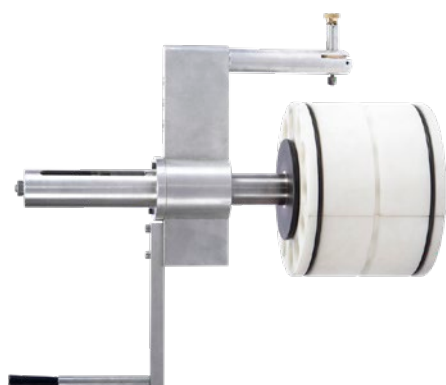| Code	Item Description
01-07-070	32-110mm Ø ProtectaLine 1 barrier removal tool, mandrels, scraping tip
01-07-081	90-110mm Ø SDR17 ←→ ProtectaLine 1 barrier removal tool kit, with red tool box
01-07-071	90-110mm Ø handtool only
01-07-073	25mm Ø mandrel insert
01-07-074	32mm Ø mandrel insert
01-07-075	63mm Ø mandrel insert
01-07-076	90-110mm Ø mandrel insert
01-07-175	63mm Ø garter spring set
01-07-176	90-110mm Ø garter spring set
01-07-080	Spare scraping tip

Surprep ProtectaLine® 1, 125-180mm

FEATURES

- Pipe range 125-180mm Ø
- Single scrape operation
- Quick release for easy removal from pipe

Product Details

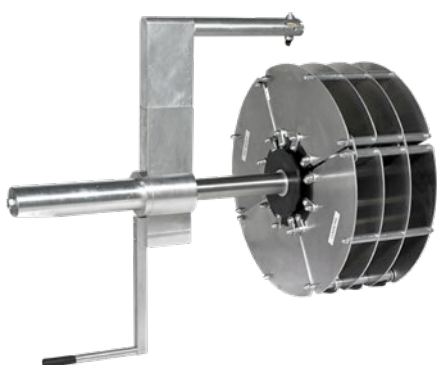| Code	Item Description
01-07-072	125-180mm Ø ProtectaLine 1 barrier removal tool, mandrels, scraping tip
01-07-082	125, 160, 180mm Ø SDR17 ←→ Protectaline 1 barrier removal tool kit, with blue tool box
01-07-077	125mm Ø SDR17 ←→ mandrel insert
01-07-078	125-160mm Ø SDR17 ←→ mandrel shells set (4 pcs)
01-07-079	160-180mm Ø SDR17 ←→ mandrel shells set (4 pcs)
01-07-177	125mm Ø garter spring set
01-07-080	Spare scraping tip

SDR11 also available upon request.

Surprep ProtectaLine® 2, 225-355mm GIS

FEATURES

- Pipe range 225-355mm Ø
- Dual pass operation
- Quick release for easy removal from pipe

Product Details

Code	Item Description
01-07-251	225-355mm Ø ProtectaLine 2 barrier removal tool, mandrels, with tool box
01-07-285	225mm Ø SDR11 ↔ mandrel insert
01-07-286	250mm Ø SDR11 ↔ mandrel insert
01-07-287	280mm Ø SDR11 ↔ mandrel insert
01-07-288	315mm Ø SDR11 ↔ mandrel insert
01-07-289	355mm Ø SDR11 ↔ mandrel insert
01-07-255	225mm Ø SDR17 ↔ mandrel insert
01-07-256	250mm Ø SDR17 ↔ mandrel insert
01-07-257	280mm Ø SDR17 ↔ mandrel insert
01-07-258	315mm Ø SDR17 ↔ mandrel insert
01-07-259	355mm Ø SDR17 ↔ mandrel insert
01-07-260	225mm Ø garter spring set
01-07-261	250mm Ø garter spring set
01-06-262	280mm Ø garter spring set
01-07-263	315mm Ø garter spring set
01-07-264	355mm Ø garter spring set
01-07-277	Spare scraping tip
01-07-280	Steel tool box

Surprep ProtectaLine® 3, 400-630mm

FEATURES

- Pipe range 400-630mm Ø
- Dual pass operation
- Quick release for easy removal from pipe

Product Details

Code	Item Description
01-07-291	400-630mm Ø ProtectaLine 3 barrier removal tool, mandrels, with bag
01-07-292	400mm Ø SDR17 ↔ mandrel insert, with bag
01-07-293	450mm Ø SDR17 ↔ mandrel insert, with bag
01-07-294	500mm Ø SDR17 ↔ mandrel insert, with bag
01-07-295	560mm Ø SDR17 ↔ mandrel insert, with bag
01-07-296	630mm Ø SDR17 ↔ mandrel insert, with bag

Scraping Tip Assemblies

Surprep Puriton® Barrier Removal Kit

FEATURES

- Pipe range 90-180mm Ø
- Dual pass operation, designed for Radius Puriton pipe
- Quick release for easy removal from pipe

Product Details

Code	Item Description
01-07-190	90-110mm Ø SDR11/17 ⟷ Puriton kit, 2 scraping tip assemblies, with red tool box
01-07-198	125, 160, 180mm Ø SDR11 ⟷ Puriton kit, 2 scraping tip assemblies, extension piece, with blue tool box
01-07-191	125, 160, 180mm Ø SDR17 ⟷ Puriton kit, 2 scraping tip assemblies, extension piece, with blue tool box
01-07-193	90-110mm Ø conversion kit, standard tip assemblies
01-07-194	125, 160, 180mm Ø conversion kit, 2 scraping tip assemblies, extension piece
01-07-192	Puriton scraping tip with spot assembly
01-07-195	125, 160, 180mm Ø extension only
01-07-196	90-110mm Ø cartridge only
01-07-197	125-160-180mm Ø cartridge only
01-07-043	Spare standard tip 11mm Ø

Strap and Butt Weld Plate

ProFuse® Protective Skin Removal Tool

GIS

FEATURES

- Pipe range 180-630mm Ø
- Designed for Radius ProFuse pipe
- Saddle patch and pipe end removal

Product Details

Code	Item Description
01-07-103	180-630mm Ø ProFuse tool only
01-07-104	180-630mm Ø ProFuse tool kit, strap and butt weld plate
01-07-111	250mm Ø ProFuse small size plastic tool
01-07-150	Butt weld plate
01-07-151	Bead gauge for butt welded joints SDR21
01-07-044	Spare cutting blade

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Water
Tooling

Venturi Jet Drainer

FEATURES

- Fast and cost efficient
- No priming required
- Use with single tool compressor

Product Details

Code	Item Description
03-48-007	Venturi jet excavation drainer

Syphon Lift Pump

FEATURES

- Designed for draining gas syphon points
- Does not require electrical supply
- Corrosion free brass construction

Product Details

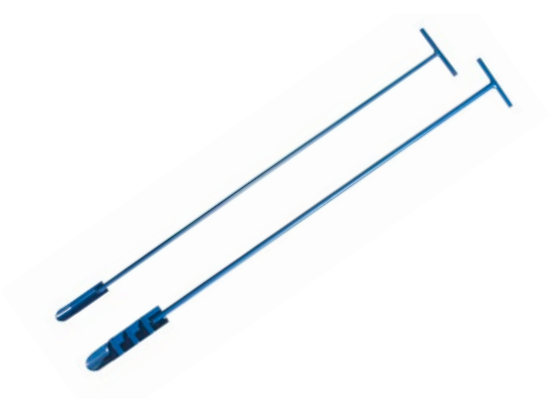| Code	Item Description
03-48-006	1" BSP connection syphon lift pump

Hog Light Duty Draining Pump

FEATURES

- Lightweight plastic construction
- Delivery pipe included
- Simple one man operation

Product Details

Code	Item Description
03-45-004	4 foot x 2" Ø x 1 ½" outlet hog pump
03-45-008	4 foot x 1 ½" Ø x ¾" outlet hog pump

Drain and Gully Cleaning Scoop

FEATURES

- Hygienic removal of soiled waste

Product Details

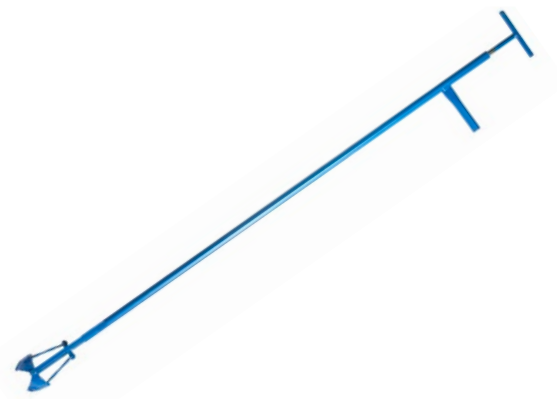| Code	Item Description
03-44-023	Gully scoop standard with retaining vanes
03-44-003	Gully scoop standard
03-44-004	Gully scoop narrow

Drain and Gully Cleaning Tongs

FEATURES

- Hygienic removal of syringes and soiled waste

Product Details

Code	Item Description
03-44-001	Cleaning tongs with square capture plates
03-44-005	Cleaning tongs with pointed capture plates

Drain and Gully Cleaning Grab

FEATURES

- Spherical grabbing bowl for removal of syringes and waste

Product Details

Code	Item Description
03-44-018	Cleaning grab 1.5m length x 80mm bowl
03-44-020	Cleaning grab 1.0m length x 80mm bowl
03-44-014	Cleaning grab 2.0m length x 200mm bowl

Litter Picker

FEATURES

- Easy one handed operation for removal of paper and solids

Product Details

Code	Item Description
03-44-016	Litter picker C jaw type 1.0m length
03-44-019	Litter picker C jaw type 1.5m length

Multi Headed Box Lid and Floor Grate Lifting tool

FEATURES

- Muti size heads
- Rotating head
- Telescopic

Product Details

Code	Item Description
03-43-049	Multi headed box lid and floor grate lifting tool

Talbot Push Fit Fittings Extractor Shims

FEATURES

- Designed for releasing Talbot push fit fittings
- Solid metal construction

Product Details

Code	Item Description
04-77-149	20mm Ø Talbot fittings extractor shim (1 piece)
04-77-150	25mm Ø Talbot fittings extractor shim (1 piece)
04-77-151	32mm Ø Talbot fittings extractor shim (1 piece)
04-77-154	40mm Ø Talbot fittings extractor shim (1 piece)
04-77-152	50mm Ø Talbot fittings extractor shim (1 piece)
04-77-153	63mm Ø Talbot fittings extractor shim (1 piece)

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Gas Tooling

Gas Service Pipe Test Piece

FEATURES

- Comes with valve and nozzle
- Testing from service

Product Details

Code	Item Description
04-68-007	20, 25, 32mm Ø gas service pipe tester

Meter Box Test Pieces

FEATURES

- Come with valve and nozzle
- Testing pressure of gas when working on meter boxes

Product Details

Code	Item Description
04-68-001	Meter box stub type test piece
04-68-002	Meter box anaconda type test piece

Stub Type Test Piece   Anaconda Type Test Piece

Steel Service Pressure Tester for Wask

FEATURES

- Supplied complete with valves
- Simple operation

Product Details

Code	Item Description
04-68-003	¾" steel tee test piece

Tapping Saddle Test Piece

FEATURES

- Designed to suit specific fitting manufacturer and outlet size
- Lightweight and supplied complete with tee assembly

Product Details

Code	Item Description
04-68-008	32mm Ø Radius tapping saddle screw type test piece

04-68-010	32mm Ø GF+ tapping saddle screw type test piece
04-68-051	32mm Ø GF+ tapping saddle screw type (M) service outlet test piece
04-68-052	32mm Ø GF+ tapping saddle screw type, swivel design test piece
04-68-009	32mm Ø Durafuse / Frialen tapping saddle screw type test piece
04-68-024	32mm Ø Durafuse MV tapping saddle screw type, test piece
04-68-023	32mm Ø Durafuse Multi Fit 225-315mm tapping saddle screw type test piece
04-68-021	32mm Ø Kimplast Trustlene Flexifit (63/75mm) tapping saddle screw type (M) test piece
04-68-022	32mm Ø Kimplast tapping saddle screw type test piece
04-68-011	63mm Ø Radius tapping saddle screw type test piece
04-68-016	63mm Ø GF+ tapping saddle screw type test piece
04-68-020	63mm Ø Durafuse tapping saddle screw type test piece
04-68-004	Tapping saddle multi tester, with tee assembly
04-68-006	Tapping saddle multi tester

2 Part Air Pressure Testing Manifold (Test Stand Pipe)

GIS

FEATURES

- Approved for use on UK Gas Network
- Colour coded components
- Comes with calibration certificate

Product Details

Code	Item Description
04-67-004	Test pressure standpipe common base only (yellow)
04-67-008	Test standpipe low pressure top assembly 0.385 bar (pressure and serial n° marked) (orange)
04-67-009	Test standpipe medium pressure top assembly 3.3 bar (pressure and serial n° marked) (blue)
04-67-010	Test standpipe high pressure top assembly 7.7 bar (pressure and serial n° marked) (red)

Standpipe Common Base

Purge Hose

FEATURES

- 10 metre hose for purging gas pipe
- Comes with flame arrester

Product Details

Code	Item Description
04-61-301	¾" x 10m purge hose, flame arrester
04-61-308	¾" x 10m purge hose, 1" elbow, flame arrester
04-61-304	1" x 10m purge hose, flame arrester
04-61-305	2" x 10m purge hose, flame arrester

Gas Safety Vents

FEATURES

- Made for temporary and permanent flammable gas venting
- Weather hood available for ¾" BSP safety vent

Product Details

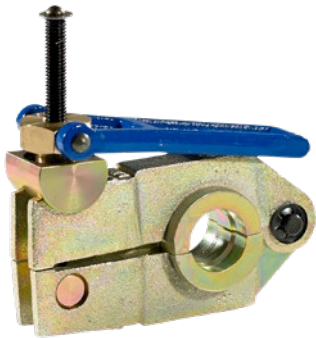| Code	Item Description
04-61-302	¾" BSP safety vent, without weather hood
04-61-303	1" BSP safety vent, with weather hood
04-61-306	2" BSP safety vent, with weather hood

Purge Stack

FEATURES

- For purging of gas main
- Comes with flame arrester

Product Details

Code	Item Description
04-61-307	1" x 2.5m purge stack, flame arrester (2 parts)
04-61-310	2" x 2.5m purge stack, flame arrester night cap
03-61-313	Purge stack support stand

Purge Stack Support Stand

Mini Crimping Tool Wask Pattern

FEATURES

- Iron tool for the rapid construction of a crimp joint
- Metal to metal stop for accurate joint construction

Product Details

Code	Item Description
04-76-001	16mm Ø wask crimping tool
04-76-002	20mm Ø wask crimping tool
04-76-003	25mm Ø wask crimping tool
04-76-004	32mm Ø wask crimping tool

Mini Crimping Tool AVK Pattern

FEATURES

- Simple to operate with replaceable parts
- Kit supplied in a hard plastic case

Product Details

Code	Item Description
04-77-600	20, 25, 32mm Ø AVK crimping tool kit, hex drive
04-77-602	16mm Ø AVK crimping tool shells
04-77-603	20mm Ø AVK crimping tool shells
04-77-604	25mm Ø AVK crimping tool shells
04-77-601	32mm Ø AVK crimping tool body assembly

Plug Lifter for Wask

FEATURES

- Operates internal plug of 2" top service tee safely and without the escape of gas
- Zinc plated

Product Details

Code	Item Description
04-76-052	2" plug lifter

Continuity Links

FEATURES

- High voltage tested
- 10mm tri-rated cable

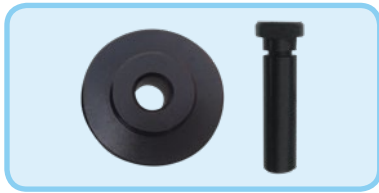### Product Details

Code	Item Description
05-15-005	1.0m continuity link for water meter installations
05-15-002	1.0m continuity link, with crocodile clips
05-15-001	1.2m continuity link, with end chains
05-15-006	1.2m continuity link, with 48" end chains
05-15-003	7.5m continuity link, with end chains
05-15-004	10.0m continuity link, with end chains
05-15-007	10.0m continuity link, with crocodile clips

Steel Pipe Tooling

Calder Hinged Steel Pipe Cutting Tool

GIS

FEATURES

- Cuts ductile iron, cast iron and steel pipes
- Strong, robust design
- 4 wheel design for 90° rotation

Product Details

| Code	Item Description
06-61-213	2 ½"-4" Ø steel pipe cutter
06-61-214	4"-6" Ø steel pipe cutter
06-61-215	6"-8" Ø steel pipe cutter
06-61-216	8"-12" Ø steel pipe cutter
05-14-012	Spare cutter wheel universal ½"-2 ½" Ø
05-14-013	Spare cutter wheel universal 2 ½"-4" Ø
05-14-014	Spare cutter wheel universal 4"-12" Ø
05-14-016	Spare cutter wheel axle pin ½"-4" Ø
05-14-017	Spare cutter wheel axle pin 4"-12" Ø

Cutter Wheel and Axle Spin

Iron Pipe Bursting Wedge

FEATURES

- Made from solid steel
- Simple and effective to use
- Easy to carry

Product Details

Code	Item Description
05-13-408	⅝" pattern bursting wedge
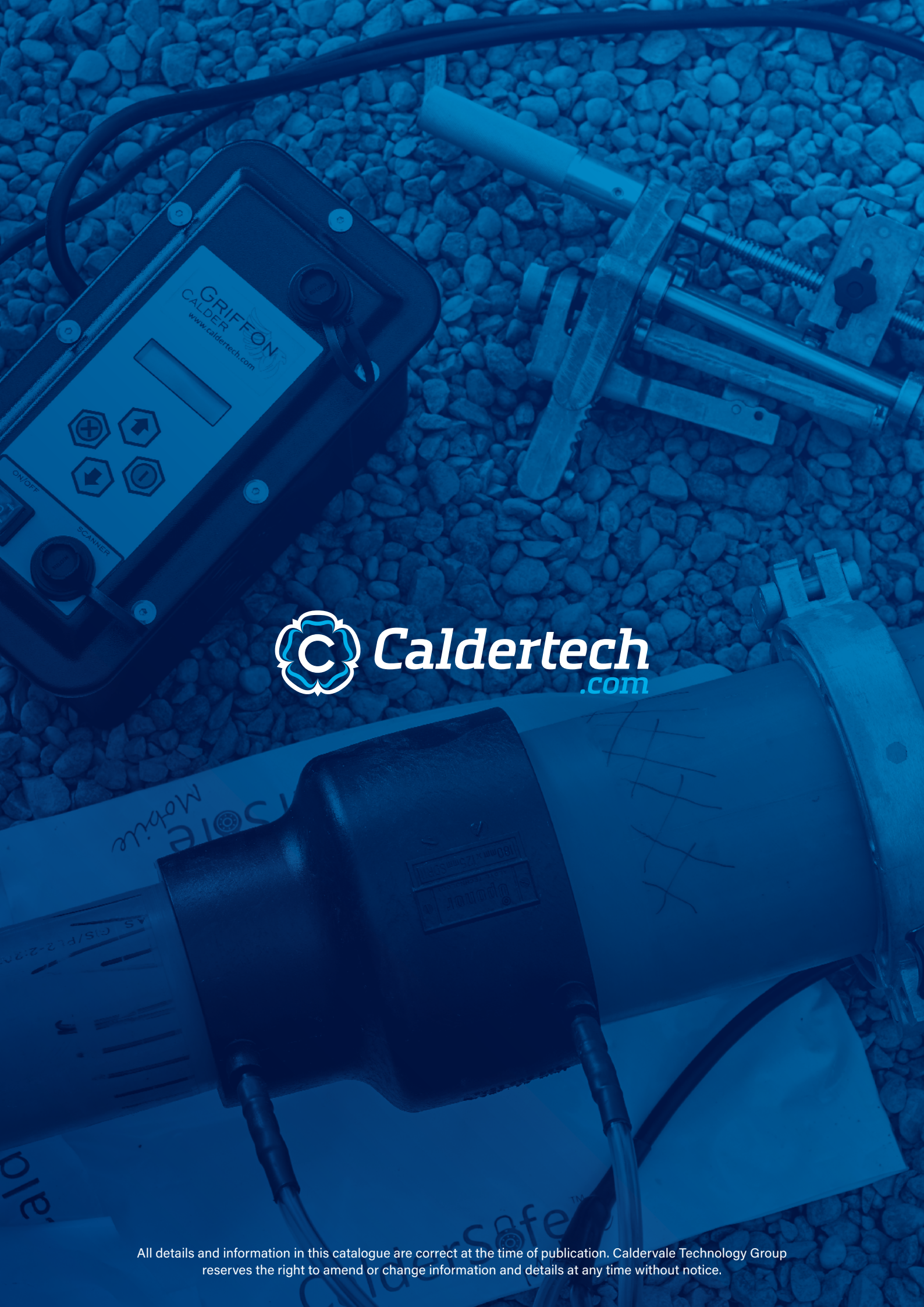
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.com

**Caldervale
Technology
Group**

Caldertech International

Bretfield Court, Dewsbury,
West Yorkshire WF12 9BG, UK

T: +44 (0)1924 469571
E: sales@caldertech.com
W: caldertech.com

Caldertech Luton

Unit 1, Hightown Enterprise Centre,
York St, Luton LU2 0HA, UK

T: +44 (0)1582 482222
E: sales@caldertech.com
W: caldertech.com

Fusion Equipment Limited

Smeckley Wood Close, Chesterfield,
Derbyshire S41 9PZ, UK

T: +44 (0)1246 264400
E: sales@fusionequipment.co.uk
W: fusionequipment.co.uk

Caldertech Australasia

Unit 3, 30 Juna Drive,
Malaga WA 6090, Australia

T: +61 (0)8 9209 1132
E: sales@caldertech.com.au
W: caldertech.com.au

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