

# Product Catalog

Caldervale Technology Group.



Helping you make the right connections.

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## Our Products

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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.

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

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

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# Helping you make the right connections.

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# Contents

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## **Electrofusion Processors 03**

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Introduction	04
Calder Pegasus HC	05
Calder Griffon HC	06
Calder Nomad II	07
Accessories	08
CalderSafe Mobile	10
Do's and Don'ts	11

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## **Electrofusion Tooling 13**

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Pipe Cutting Tools	14
Re-Rounding Clamps	15
Rotary Scraping Tools	17
Saddle Branch Scraping Tools	19
Pipe Clamps	21
Positioning Kits + Top Loading Clamps	24

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## **Infield Accessories 27**

---

External Debeading Tools	28
Pipe Handling Tools	30
Post Squeeze Off Re-Rounding Clamps	31
Squeeze Off Tape	32

---



## **Water Tooling 33**

---

Water Pumps + Drainers	34
------------------------	----

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## **Gas Tooling 35**

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Purging + Testing	36
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# 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.

## Our Group's Timeline

- 1984** Established first Company Calder Technical Services Limited
- 1986** Production of the first electrofusion control unit (Sam2) and tooling range
- 1989** Sale of Calder Technical Services Limited to Glynwed international
- 1992** Incorporation of Caldervale Technology Limited
- 1993** New beginnings trading as Caldervale Technology Limited
- 1996** Initial move into Export and international markets
- 2000** Achieved BSI quality standard to ISO9001 (then BS5750)
- 2001** Caldervale Technology limited launch their first website - caldertech.com
- 2003** Opening of new location in Warrington UK (North West)
- 2005** Opening of new location in Luton UK (South)
- 2005** Acquisition of the Calder company from Glynwed Pipe Systems.
- 2007** Achieved BSI Environmental standard to ISO 14001
- 2013** Opening of new company Caldertech Australia in Western Australia
- 2016** Acquisition of Fusion Equipment Limited from Fusion Plastics
- 2017** Formation of the Caldervale Technology Group structure



### KEY

-  Approved to UK Gas Industry Standard GIS/ECE1 Electrofusion Control Boxes.
-  Approved to UK Gas Industry Standard GIS/PL2 Part 3 Butt Fusion Machines and Ancillary Products.
-  Approved to UK Gas Industry Standard GIS/PL2 Part 5 Electrofusion Ancillary Tooling.
-  Approved to UK Gas Industry Standard GIS/PL2 Part 7 Squeeze Off Tools and Equipment.
-  Conforms to International Standards Organisation ISO 12176-2 Electrofusion.
-  Conforms to International Standards Organisation ISO 12176-1 Butt Fusion.
-  ↔ Indicates pipe wall thickness.

# Electrofusion Processors



# An Introduction to Our Electrofusion Processors

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Since 1987, we have designed and manufactured a range of Electrofusion Processors, building up to today's proven design and state of the art technology.

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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 displaying the unique 124 point power profile.

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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.

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## Calder Pegasus™ HC

The Calder Pegasus HC gives you functionality, reliability and affordability, capable of welding all conventional brands of fittings up to 24". 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 ½"-24"
- 156" output lead
- Choice of terminal sizes
- Data recording of 2,000 welds
- CalderSafe® Weld Data Analyser
- Simple symbolic display
- Duo terminals

### OPTIONAL

- Automatic coupling recognition Fusamatic / Plasson
- Double insulation
- Control Point Capability

### Technical Specification

Coupling Size Range	½"-24"
Dimensions [HxWxL]	20" x 14" x 11"
Weight	66 lb
Case Material	ABS Plastic
Mains Input Cable Length	33ft
Fusion Output Cable Length	156"
Input Voltage	110v
Input Frequency	40-60Hz
Max. Input Current	30A
Input Power	3.3kVA
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
01-01-295	CalderSafe® Mobile Weld Analyser

## Calder Griffon™ HC



The Calder Griffon is lightweight and capable of fusing all conventional brands of fittings up to 8". 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.



Duo Terminal Option Available

### FEATURES

- Barcode scanning and manual time entry
- Fitting size range ½"-8"
- 138" 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 Capability

### Technical Specification

Coupling Size Range	½"-8"
Dimensions [HxWxL]	13 ½" x 13" x 22 ½"
Weight	36.5 lb
Case Material	ABS Plastic
Mains Input Cable Length	138"
Fusion Output Cable Length	138"
Input Voltage	110v
Input Frequency	40-60Hz
Max. Input Current	16A
Input Power	3450VA
Output Voltage [Vac RMS]	8-48v
Output Current [Continuous Aac RMS]	30A
Environmental Protection	IP55
Data Recording Capacity	2000 Records

### Product Details

Code	Item Description
01-01-485	110v Griffon HC, with barcode scanner, protective hard case
01-01-295	CalderSafe® Mobile Weld Analyser



## Calder Nomad II



The Calder Nomad II is a portable battery powered unit for welding fittings up to 2 1/2". With manual input weld times, it is capable of welding up to 14 x 2" couplings 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 up to 2"
- 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	1/2"-2"
Dimensions [HxWxL]	15 3/4" x 13" x 6 3/4"
Weight	37.5 lb
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

Accessories, parts and equipment for testing, calibration and servicing of electrofusion processors.



Serial Connector

## Barcode Scanner

### Product Details

Code	Item Description
01-01-319	Close contact barcode scanner, with 4.0m length data lead and serial connector
01-01-311	Pouch for scanner



## 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



Duo 90° Cruciform Connectors

## 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

Accessories, parts and equipment for testing, calibration and servicing of electrofusion processors.



### 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)



MK4 4.0mm, 4.7mm Ø 90° Connectors

### Pattern 1 and Pattern 2 Output Lead Service Kits

#### Product Details

Code	Item Description
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



MK5 Duo 4.0/4.7mm Ø 90° Cruciform Connectors

## 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



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# The Do's and Don'ts of Electrofusion Jointing

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## Pre Jointing Checks

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

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

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

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

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

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

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### Do's

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- 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.
- Installation should be carried out in line with local codes of practice and pipeline owners operating procedures.
- All installations should be carried out in line with recommendations from the pipe fitting manufacturers.

### Don'ts

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- 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.
- 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.

# Electrofusion Tooling



Ensures a square clean cut with minimal pipe deformation, essential for good jointing.



3" Shears



2" Shears, High Quality

## Plastic Pipe Hand Shears 2"-3"



### FEATURES

- Pipe range 2"-3"
- Lightweight and portable
- For use on PVC, PP and PE tubes

### Product Details

Code	Item Description
04-61-201	2" shears
04-61-203	2" shears, high quality
04-61-202	2 ½" shears
04-61-227	3" shears



## Plastic Pipe Rotary Cutter 2"-4"



### FEATURES

- Pipe range 2"-4"
- Lightweight and easy to use
- ¾" cutting depth

### Product Details

Code	Item Description
04-61-228	2"-4" rotary cutter
04-61-230	Spare cutter wheel



## Plastic Pipe Rotary Cutter 4"-8"



### FEATURES

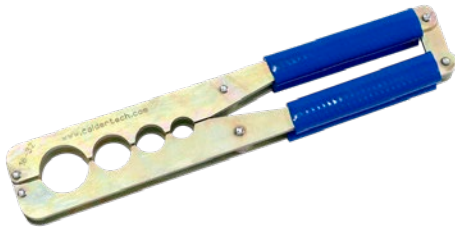
- Pipe range 4"-8"
- Lightweight and easy to use
- ¾" cutting depth

### Product Details

Code	Item Description
04-61-229	4"-8" rotary cutter
04-61-230	Spare cutter wheel



Ensures pipe ovality is removed for uniform scraping, ease of fitting installation, and reduction in risk of fitting coil damage.



## Nutcracker Pattern Multi Size Re-Rounding Clamp



### FEATURES

- Pipe range ½"-1CTS", 1"-1 ¼" IPS
- Multi tool in one with simple latch lock

### Product Details

Code	Item Description
01-08-121	1/2" CTS, 1" CTS, 1" IPS, 1 ¼" IPS re-rounding clamp



## Hinged Collar Re-Rounding Clamp



### FEATURES

- Pipe range 2" IPS
- Compact design and side handle allows easy maneuver

### Product Details

Code	Item Description
01-08-048	2" IPS re-rounding hinged clamp



## Hinged Collar Re-Rounding Clamp



### FEATURES

- Pipe range 4-8" IPS
- Easy to use with handles for correct positioning

### Product Details

Code	Item Description
01-08-041	4" IPS re-rounding hinged clamp
01-08-042	6" IPS re-rounding hinged clamp
01-08-043	8" IPS re-rounding hinged clamp

Ensures pipe ovality is removed for uniform scraping, ease of fitting installation, and reduction in risk of fitting coil damage.



## 2 Segment Re-Rounding Clamp

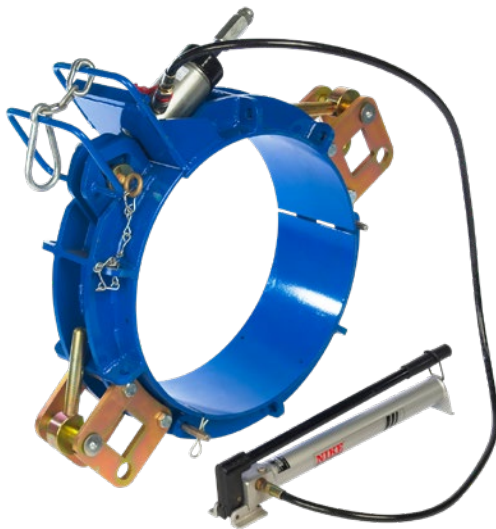


### FEATURES

- Pipe range 12"
- 4" contact area for full face re-rounding

### Product Details

Code	Item Description
01-08-081	12" re-rounding clamp, w/ ratchet spanner



## 3 Segment Hydraulic Re-Rounding Clamp



### FEATURES

- Pipe range 16"
- Hydraulically powered
- Comes with pump

### Product Details

Code	Item Description
01-08-131	16" re-rounding clamp, with pump

Use of mechanical scraping tools ensure a consistent and even scrape around the whole circumference of the pipe, removing the likelihood of inconsistent preparation leading to joint failure.



Nylon Power Drive Adapter

## Calderprep™



### FEATURES

- Pipe range 1"-2" IPS
- 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
01-07-741	1" IPS SDR11 ↔ scraping tool
07-07-742	1 ¼" IPS SDR11 ↔ scraping tool
01-07-743	1 ½" IPS SDR11 ↔ scraping tool
01-07-744	2" IPS SDR11 ↔ scraping tool
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.*



## Surprep IMP

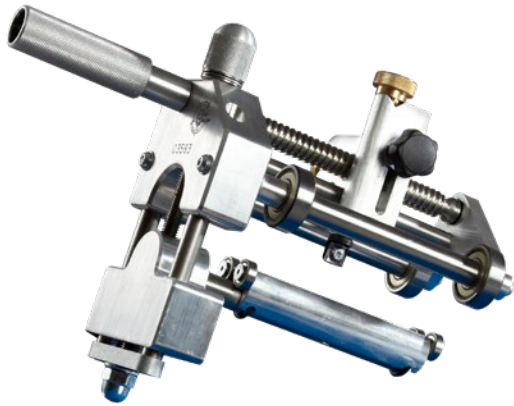
### FEATURES

- Pipe range ½"-2" IPS
- Solid lock for simple insertion to pipe with quick change head design
- 4 ½" scrape length

### Product Details

Code	Item Description
01-07-120	½"-2" IPS scraping tool, with toolbox

Double length scraping ensures full insertion to pipe can be carried out without contamination leading to joint failure.



## Uniprep™ 4



### FEATURES

- Pipe range 2"-10" IPS
- Scrape length 5" and 4 sided scraping tip

### Product Details

Code	Item Description
01-05-002	2"-10" IPS 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 2"-12" IPS
- Extended scrape length 13 ½" and fixing chains

### Product Details

Code	Item Description
01-05-010	2"-12" IPS scraper, with toolbox and chains
01-07-043	Spare single point scraping tip
01-18-008	Spare short chain 12"
01-18-009	Spare long chain 25"



## Uniprep™ 1



### FEATURES

- Pipe range 3"-16" IPS
- Scrape length 6" and 4 sided scraping tip

### Product Details

Code	Item Description
01-02-002	3"-16" IPS 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

Use of mechanical scraping tools ensure a consistent and even scrape, removing the likelihood of inconsistent preparation leading to joint failure.



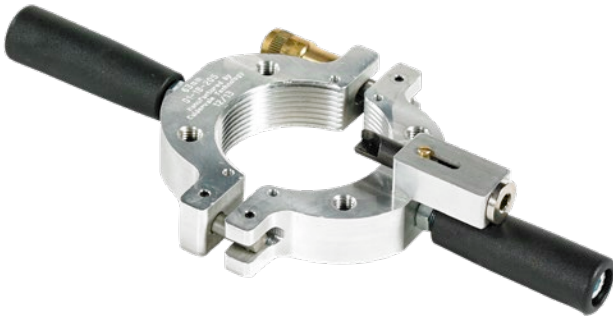
## Calderprep™ Saddle Branch Outlet

### FEATURES

- Pipe range ½-1" CTS
- Uniquely shaped scraping tip for saddle branch outlets
- Can scrape complete length of branch outlet

### Product Details

Code	Item Description
01-07-387	½" CTS SDR11 ↔ scraping tool
01-07-388	1" CTS SDR11 ↔ scraping tool
01-07-610	Spare saddle branch outlet scraping tip



## Calderline In-line Scraping Tool

### FEATURES

- Pipe range 2"-4"
- Designed for in-line and saddle installations
- Easy to use

### Product Details

Code	Item Description
01-18-300	2" in-line scraping tool
01-18-301	3" in-line scraping tool
01-18-302	4" in-line scraping tool

Double length scraping ensures full insertion to pipe can be carried out without contamination leading to joint failure.



## Branch Saddle Window Patch Scraping Tool



### FEATURES

- Suitable for all pipe diameters when using extended length chains
- Window patch sizes 8" x 6" and 10" x 11"
- Automatic traverse feed

### Product Details

Code	Item Description
01-18-001	8" x 6" single patch scraping tool, with tool case (no chains)
01-18-002	8" x 6" + 10" x 11" double patch scraping tool, with tool case (no chains)
01-18-005	12" length chain set (2 pcs)
01-18-006	25" length chain set (2 pcs) for pipe range 3"-6" IPS
01-18-007	39" length chain set (2 pcs) for pipe range 5"-12" IPS
01-18-008	12" length single chain extension
01-18-009	25" length single chain extension
01-18-010	39" length single chain extension
01-18-003	Spare tool case for single patch scraper
01-18-004	Spare tool case for double patch scraper

Clamping ensures that pipes are correctly positioned and restrained during the welding process, removing ovality and ensuring weld integrity.



## Service Saddle Outlet Clamp Kit 1/2"-1"



### FEATURES

- Pipe range 1/2"-1" CTS, 1" IPS
- Compact design and thin jaws for restricted space
- Can be used for straight, angled and reduced connections

### Product Details

Code	Item Description
01-10-210	1/2", 3/4", 1" CTS, 1" IPS clamp kit, straight/elbow
01-10-212	Tool case with foam insert



## Superclamp Universal



### FEATURES

- Pipe range 1/2"-2" CTS, 2" IPS
- Multi size clamps in one, for straight and elbow connections
- 3 way adapter available

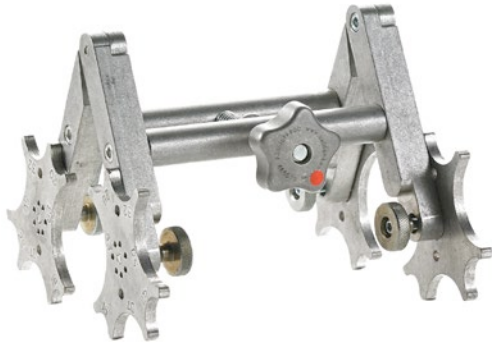
### Product Details

Code	Item Description
01-10-132	1/2" CTS, 3/4", 1", 1 1/4", 2" IPS clamp
01-08-122	Adapter for 3 way T type connectors



3 Way Adapter

Clamping ensures that pipes are correctly positioned and restrained during the welding process, removing ovality and ensuring weld integrity.



## Superclamp



### FEATURES

- Pipe range 1/2" CTS, 3/4"-2" IPS
- Multi size clamps in one
- Can be used for straight and reducing couplers

### Product Details

Code	Item Description
01-10-131	1/2" CTS, 3/4", 1", 1 1/4", 2" IPS clamp



## Simple Double Ended Straight Clamp



### FEATURES

- Pipe range 2" IPS
- Easy to use
- Accepts spigot tee

### Product Details

Code	Item Description
01-11-117	2" IPS clamp



## Joint Master Multi Size Positioning Clamp

### FEATURES

- Pipe range 2"-6" IPS
- Self centering design requires no reducing shells
- Minimal excavation required, fits above pipe joint easily

### Product Details

Code	Item Description
01-09-003	2"-6" IPS 2 way clamp, straight base
01-09-009	2"-6" IPS spare jaw set
01-09-010	Branch tee adapter 20"
01-09-002	Branch tee adapter 29 1/2"



Clamping ensures that pipes are correctly positioned and restrained during the welding process, removing ovality and ensuring weld integrity.



## Titan 8" Pull Together Clamp



### FEATURES

- Pipe range 1 1/2"-8"
- Simple ratchet insertion
- Robust construction with double clamps

### Product Details

Code	Item Description
SC200T	1 1/2"-8" pull together clamp



## Titan 19" Pull Together Clamp



### FEATURES

- Pipe range 6"-19"
- Capable of pulling 12m lengths of pipe in position
- Robust construction with double clamps

### Product Details

Code	Item Description
SC500T	6"-19" pull together clamp



## Pull Together Clamp 8"



### FEATURES

- Pipe range 2"-8"
- Provides re-rounding capabilities
- Straight or angle connection and available in 2 or 3 way configuration

### Product Details

Code	Item Description
01-15-502	2", 3", 4", 6", 8" IPS clamp, straight base

Clamping ensures that pipes are correctly positioned and restrained during the welding process, removing ovality and ensuring weld integrity.



## Mains Restraining Clamp 2"-8"



### FEATURES

- Pipe range 2"-8" IPS
- Can be supplied in double clamp format
- Provides re-rounding capabilities

### Product Details

Code	Item Description
01-15-411	2", 3", 4", 6", 8" IPS clamp, straight base
01-15-412	2", 3", 4", 6", 8" IPS clamp, angle maker
01-15-413	2", 3", 4", 6", 8" IPS clamp, 3 way, angle maker



## Large Diameter Mechanical Positioning Kit



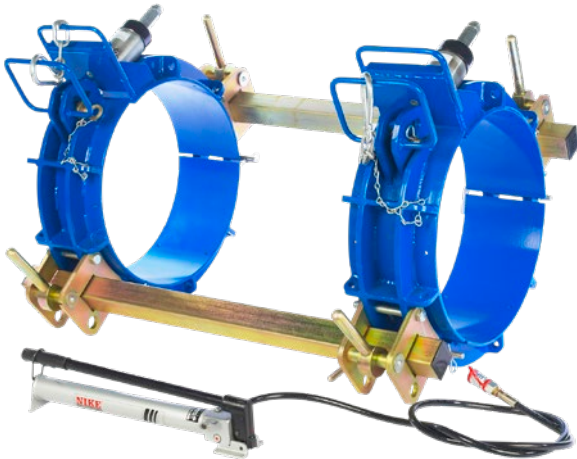
### FEATURES

- Pipe range 12"
- Wide clamp area, with re-rounding capabilities
- Angle maker available

### Product Details

Code	Item Description
01-08-134	12" kit, straight base
01-08-132	12" kit, 3 way, angle maker

Top loading clamps ensure that the correct pressure is applied during the whole of the welding cycle, eliminating joint failure.



## Large Diameter Hydraulic Positioning Kit



### FEATURES

- Pipe range 16"
- Hydraulically powered
- Full re-rounding capability

### Product Details

Code	Item Description
01-08-133	16" kit, with 2 pumps



## Webbing Strap Mounted Clamp for Top Loading Saddles



### FEATURES

- Pipe range 2"-19" / 2"-24"
- Branch saddle adapter foot available
- Self locking non-slip cam design

### Product Details

Code	Item Description
01-13-001	2"-19" top loading strap clamp
01-13-003	2"-24" top loading strap clamp
01-13-002	19" spare strap
01-13-004	24" spare strap

Top loading clamps ensure that the correct pressure is applied during the whole of the welding cycle, eliminating joint failure.



## Pillar Type Low Profile Pressure Clamp for Top Loading Saddles



### FEATURES

- Pipe range 2"-16"
- Branch saddle adapter foot available
- Low profile under pipe entry

### Product Details

Code	Item Description
01-12-016	2"-16" top loading low profile clamp

# Infield Accessories



Ensures easy removal of bead close to the pipe surface, in one single piece of inspection.



## External Debeader 3"-5"



### FEATURES

- Pipe range 3"-5"
- Max. bead width 5/8"
- Replaceable blade

### Product Details

Code	Item Description
01-07-520	3"-5" external debeader
01-07-521	Spare debeader blade 3"-5"



## External Debeader 4"-16"



### FEATURES

- Pipe range 4"-16"
- Max. bead width 1 1/4"
- Replaceable blade

### Product Details

Code	Item Description
06-20-454	4"-16" external debeader
01-07-513	Spare debeader blade 4"-16"



## External Debeader 14"-24"



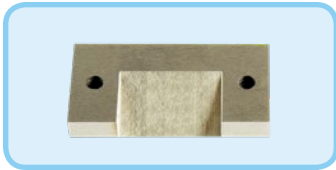
### FEATURES

- Pipe range 14"-24"
- Max. bead width 1 3/8"
- Replaceable blade

### Product Details

Code	Item Description
01-07-504	14"-24" external debeader
01-07-505	Spare debeader blade 14"-24"

Ensures easy removal of bead close to the pipe surface, in one single piece of inspection.



Debeader Blade

## External Debeader 20"-36"



### FEATURES

- Pipe range 20"-36"
- Max. bead width 1 1/2"
- Replaceable blade

### Product Details

Code	Item Description
01-07-525	20"-36" external debeader
01-07-526	Spare debeader blade 20"-36"



## External Debeader 28"-48"

### FEATURES

- Pipe range 28"-48"
- Max. bead width 2 3/8"
- Easy to use

### Product Details

Code	Item Description
EWBRT60	28"-48" external debeader

For easy pipe handling across a range of diameters with flat storage design.



## Lay Flat Pipe Roller 14"



### FEATURES

- Pipe range up to 14"
- Easy storage design
- Variable height up to 10 1/2"

### Product Details

Code	Item Description
53MY0001	14" pipe roller



## H Pattern Pipe Roller 16"-28"



### FEATURES

- Pipe range 16"-28"
- Closing feet for easy storage
- Variable height up to 20"

### Product Details

Code	Item Description
53MY0002	16"-28" pipe roller



## Pipe Lifter 16"



### FEATURES

- Pipe range up to 16"
- Helps avoid bead damage during butt welding
- Solid build and easy to use

### Product Details

Code	Item Description
PIPELIFT400	16" pipe lifter



For quick and easy reforming of pipe after a squeeze off process has been applied.



6", 4", 2" Post Squeeze Off Re-Rounding Clamps

## Post Squeeze Off Re-Rounding Clamps



### FEATURES

- Pipe range 2"-8"
- Single bolt tensioning operation
- Removable tensioner for permanent installation

### Product Details

Code	Item Description
01-08-055	2" post squeeze off clamp, with tensioner
01-08-057	3" post squeeze off clamp, with tensioner
01-08-058	4" post squeeze off clamp, with tensioner
01-08-061	6" post squeeze off clamp, with tensioner
01-08-091	8" post squeeze off clamp, with tensioner



## Sacrificial Post Squeeze Off Re-Rounding Clamp



### FEATURES

- Pipe range 2"-8"
- Cost effective and easy to apply
- Can be removed or left in position

### Product Details

Code	Item Description
RRC63	2" post squeeze off clamp
RRC90	3" post squeeze off clamp
RRC110	4" post squeeze off clamp
RRC160	6" post squeeze off clamp
RRC225	8" post squeeze off clamp

Specifically designed for long adhesion to PE pipe materials.



## Squeeze Off Applied Witness Tape

### Product Details

Code	Item Description
06-62-050	3" x 108ft squeeze off tape

# Water Tooling



For quick and easy draining of water



## 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 1/2" outlet hog pump
03-45-008	4 foot x 1 1/2" Ø x 3/4" outlet hog pump

# Gas Tooling



For safe venting and purging of gas pipes.



## Gas Safety Vents

### FEATURES

- Made for temporary and permanent flammable gas venting
- Weather hood available for 3/4" BSP safety vent

### Product Details

Code	Item Description
04-61-302	3/4" NPT safety vent, without weather hood
04-61-303	1" NPT safety vent, with weather hood
04-61-306	2" NPT safety vent, with weather hood



## Purge Stack

### FEATURES

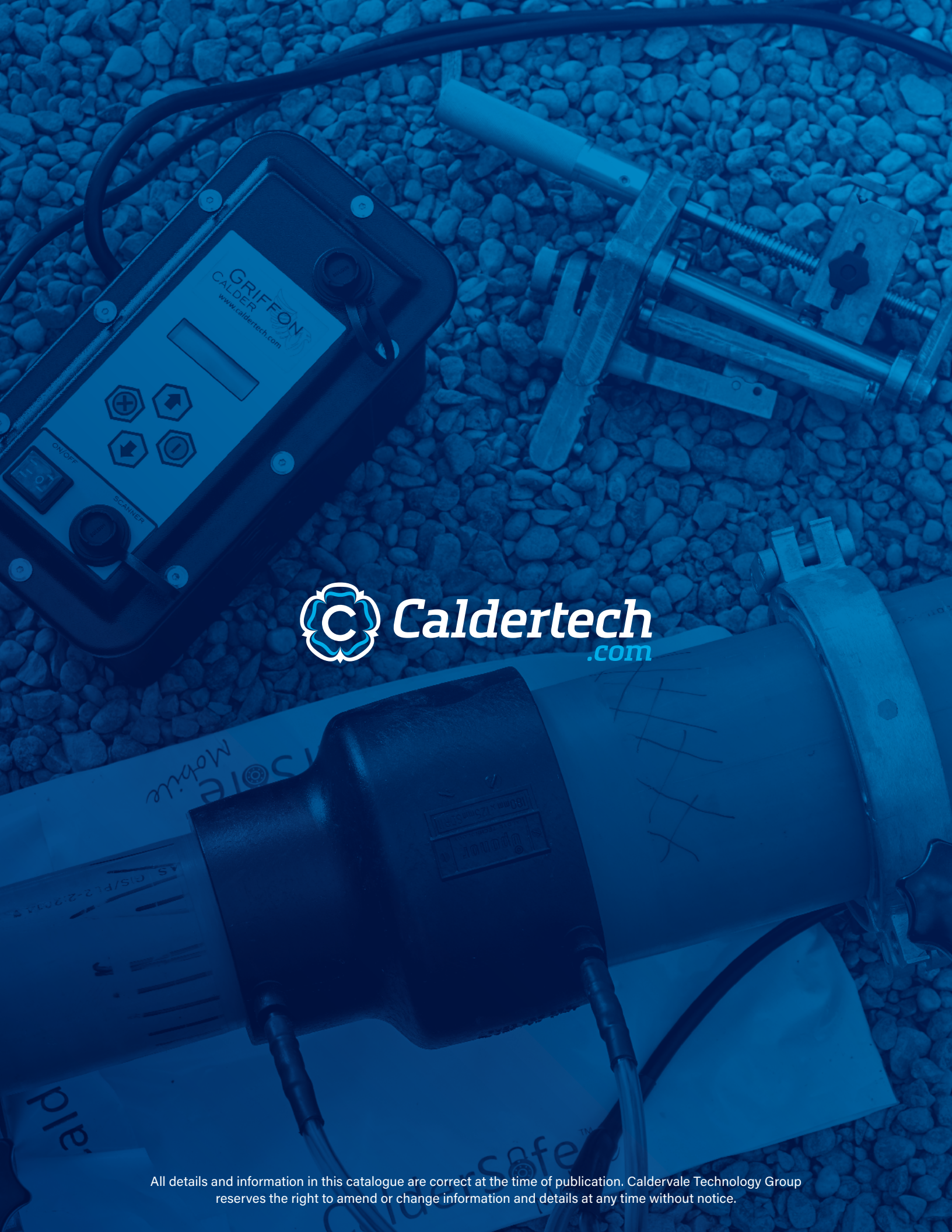
- For purging of gas main
- Comes with flame arrester

### 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



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