

**▶ ADVANCE
▶ WELDING**

Power by design

24 pages Of High Quality Products & Services

**Welders
Clamps
Squeeze Off
Cutters
Cables
Product Training
Repair & Calibration
Pipe Partners
& More**

Electrofusion Pipe Welding Products

ADVANCE WELDING

Power by design



- ▶ **Plastic pipe welding equipment**
- ▶ **Established in the UK since 2005**
- ▶ **Over 30 years background experience in the Utility, Civil Engineering and Mechanical Electrical Plumbing sectors**
- ▶ **Designers and manufacturers of Electrofusion Welding Processors and Pipe Preparation Tooling**
- ▶ **State of the art ISO9001 accredited manufacturing factory based in Yorkshire, England**
- ▶ **UK's number one supplier of plastic pipe welding equipment**
- ▶ **In-house R&D offering bespoke Software and Hardware**
- ▶ **World renowned supplier network & 24/7 Customer Support**
- ▶ **Providing the power to connect in over 17 different countries**
- ▶ **Global plastic pipe fusing specialists**

Efuze iACT

Electrofusion Welder

up to
355
mm

The iACT is a battery-powered electrofusion welder that CAN be used all day every day. This major advancement in welding technology offers a self-contained welding unit that needs no external power source to operate. This rechargeable welder has the power to silently weld over 200 couplers* completely CO2 free.

The iACT is designed to weld constant voltage electrofusion fittings suitable for low, medium and high pressure PE or PP pipe work systems from 16mm to 355mm diameter (1/2" to 14").

The welding output of this equipment is a controlled voltage between 8V and 48V and it can weld fittings in Manual mode, or Barcode automatic mode. It has a data log memory of more than 2000 welds that can be downloaded using USB memory.

The iACT is manufactured in accordance with ISO 12176-2.

The iACT is fully approved for use on the UK gas network and has been approved to GIS/ECE1.

*200 = 32mm couplers

Specification details - Efuze iACT	
Operating Modes	Manual, Barcode
Welding Voltage	8V to 48V (39½V)
Welding Current	1A to 65A
Battery Charger – Supply Voltage	100V to 240V
Battery Charger – Supply Voltage	550W (@240V)
Protection level	IP54
Weight	20 kg
Size	43cm x 38cm x 38cm
Operating temperature (welding)	-10° to +45°
Operating temperature (charging)	0° to +45°



Efuze Lite

Electrofusion Welder

up to
355
mm



The Lite is a battery-powered electrofusion welder that CAN be used all day every day. This major advancement in welding technology offers a self-contained welding unit that needs no external power source to operate. This rechargeable welder has the power to silently weld over 200 couplers* completely CO2 free.

The Lite is designed to weld constant voltage electrofusion fittings suitable for low, medium and high pressure PE or PP pipe work systems from 16mm to 355mm diameter (1/2" to 14").

The welding output of this equipment is a controlled voltage between 8V and 48V and it can weld fittings in Manual mode, or Barcode automatic mode. It has a data log memory of more than 2000 welds that can be downloaded using USB memory.

The Lite is manufactured in accordance with ISO 12176-2.

The Lite is not approved for use on the UK gas networks and has not been approved to GIS/ECE1.

Model only available outside of UK

*200 = 32mm couplers

Specification details - Efuze Lite	
Operating Modes	Manual, Barcode
Welding Voltage	8V to 48V (39½V)
Welding Current	1A to 65A
Welding Power	8VA to 2600VA
Battery Charger – Supply Voltage	100V to 240V
Battery Charger – Supply Voltage	550W (@240V)
Protection level	IP54
Weight	14 kg
Size	44cm x 29cm x 31cm
Operating temperature (welding)	-10° to +45°
Operating temperature (charging)	0° to +45°
Supply voltage (charging)	Lithium-ion rechargeable batteries



ACT 40V

Rugged 40V Plastic Pipe Welder

up to
630
mm

- **Electrofusion processors for plastic pipe welding world-wide**
- Welds fittings from 16mm to 630mm diameter (1/2" to 24") and depending on manufacturer 710mm (28")
- Suitable for low, medium and high pressure PE or PP pipe
- Welds constant voltage electrofusion fittings (commonly 39.5v)
- Suitable for the rental market and civil engineering construction sites
- Dependable & robust, No.1 seller to hire companies in the UK
- Welds fittings in Manual mode, Fusamatic mode and Bar Code automatic mode
- Data log memory of more than 2000 welds
- Download data log using USB memory
- Welding output is a controlled voltage between 8V and 48V
- All ACT Models come with Stainless Steel lid and frame
- Available in 17 countries and fully supported by our agents
- Manufactured and assembled entirely in the UK
- Available with or without barcode scanner and storage pouch
- CE approved



Input Power Connections for this model:

- **110V version**
- **120V version**
- **230V version**

Input plug for your region or country are available

Contact us for more information

Bespoke OEM

As a bespoke OEM Original Manufacturer we can produce this product as an OEM to suit your business

Contact us to discuss your requirements

Specification details - ACT 40

Operating Modes	Manual, Barcode, Fusamatic
Welding Voltage	39.5V (8 to 48V)
Welding Current	1-75A (100A Peak)
Welding Time	1-6000 seconds
Supply Voltage	115V ± 15% (40-60Hz) 230V ± 15% (40-60Hz)
Supply Current	1-32A (115V) 1-15A (230V)
Supply Power	4000 W
Weight	28 kg
Size	38 x 38 x 40cm
Operating Temp.	-15° to +50°
Welding Diameters	16-630mm



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BRITAIN**®

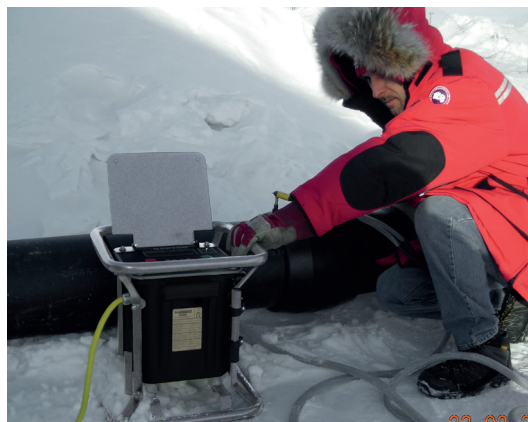
ACT40V ARTIC

Rugged 40V Cold Weather Plastic Pipe Welder



As our Standard ACT variants, but with the added capability of being able to operate in extreme sub-zero temperatures.

The unit incorporates components tested and proven to be safe at -40C, with a display system designed to be visible straight away on start-up.



Input Power Connections for this model:

- 110V version
- 120V version
- 230V version

Input plug for your region or country are available

Contact us for more information

Bespoke OEM

As a bespoke OEM Original Manufacturer we can produce this product as an OEM to suit your business

Contact us to discuss your requirements

Specification details - ACT 40 Arctic

Operating Modes	Manual, Barcode, Fusamatic
Welding Voltage	39.5V (8 to 48V)
Welding Current	1-75A (100A Peak)
Welding Time	1-6000 seconds
Supply Voltage	115V ± 15% (40-60Hz) 230 ± 15% (40-60Hz)
Supply Current	1-32A (115V) 1-15A (230V)
Supply Power	4000 W
Weight	28 kg
Size	38 x 38 x 40cm
Operating Temp.	-40° to +50°
Welding Diameters	16-630mm



**MADE IN
BRITAIN**®

ACT 80V

Rugged 80V Plastic Pipe Welder

up to
630
mm

- Suitable for the civil engineering rental market and construction sites - mostly for British Gas work
- Welds fittings in Manual mode and Radius Easi Grip mode
- Suitable for medium and high pressure PE pipe work systems from 250mm to 630mm diameter (10" to 24")
- Welds constant voltage 80V electrofusion fittings only
- Welding output is a controlled voltage of 79V
- Data log memory of more than 2000 welds
- Download data log using USB memory
- **ONLY AVAILABLE IN 110/120V SUPPLY AREAS**
e.g: UK, Japan, USA, Canada, Columbia, Cuba, Taiwan, Venezuela, Saudi Arabia, Panama, Brazil, Mexico, Jamaica and others



Input Power Connections for this model:

- 110V version
- 120V version

ONLY AVAILABLE IN 110/120V SUPPLY AREAS

Input plug for your region or country are available

Contact us for more information

Bespoke OEM

As a bespoke OEM Original Manufacturer we can produce this product as an OEM to suit your business

Contact us to discuss your requirements

Specification details - ACT 80V

Operating Modes	Manual, EasiGrip
Welding Voltage	79V
Welding Current	1-65A (100A Peak)
Welding Time	1-6000 seconds
Supply Voltage	115V \pm 15% (40-60Hz)
Supply Current	1-63A
Supply Power	7500 W
Weight	20 kg
Size	38 x 38 x 40cm
Operating Temp.	-15°C to +50°



MADE IN BRITAIN®

ACT 40/80V

Rugged Multi-Voltage Plastic Pipe Welder

- Welds constant voltage electrofusion fittings
- Suitable for low, medium and high pressure PE or PP pipe work systems from 16mm to 630mm diameter (1/2" to 24") and larger where large input & power is available
- Two welding outputs - controlled voltage between 8V and 48V and a controlled voltage of 79V
- Suitable for the civil engineering rental market and construction sites
- Welds fittings in Manual mode and Barcode Automatic mode for the 40V fittings
- Welds fittings in Manual and Easigrip modes for the 80V fittings
- Data log memory of more than 2000 welds
- Very popular product for connections crews
- Lightweight, compact and easily stored and transported
- Keeps operational van weight down
- Available with or without barcode scanner and storage pouch
- Available with or without 80V output lead
- Available as 40V only with 32amp plug or 4080V with 63amp plug
- CE approved

• ONLY AVAILABLE IN 110/120V SUPPLY AREAS

e.g: UK, Japan, USA, Canada, Columbia, Cuba, Taiwan, Venezuela, Saudi Arabia, Panama, Brazil, Mexico, Jamaica and others



Input Power Connections for this model:

- 110V version
- 120V version

ONLY AVAILABLE IN 110/120V SUPPLY AREAS

Input plug for your region or country are available

Contact us for more information

Bespoke OEM

As a bespoke OEM Original Manufacturer we can produce this product as an OEM to suit your business

Contact us to discuss your requirements

Specification details - ACT 40/80V

Operating Modes	Manual, EasiGrip, Barcode
Welding Voltage	39.5V (8 to 48V) & 79V
Welding Current	1-65A (100A Peak)
Welding Time	1-6000 seconds
Supply Voltage	115V \pm 15% (40-60Hz)
Supply Current	1-63A
Supply Power	7500 W
Weight	13 kg
Size	39 x 36 x 25cm
Operating Temp.	-15° to +50°



ATS 180 MAX

Compact Plastic Pipe Welder

up to
315
mm

Safety

- Fully complies with the international standard ISO12176-2
- Dustproof and waterproof to IP54
- Safety isolating transformer
- Class 1 earthed (grounded)

Strength

- Built in a tough hard-plastic case
- Tough rubber cables
- Fan cooled to allow multiple house-connections to be made in a short time

Flexibility

- Programmable calibration periods
- Programmable modes of operation, Manual and Bar Code
- Works with Operator ID cards
- Software can be upgraded from USB memory
- Allows mobile cell phone data transfer

Usability

- Light to allow easy carrying portability and storage
- Easy to read backlit display
- Multi-lingual menus
- Displays the welding voltage and current
- Displays the supply voltage
- Displays the resistance of the connected fitting
- Suitable for use with portable generators



Input Power Connections for this model:

- 110V version
- 120V version
- 230V version

Input plug for your region or country are available

Contact us for more information

Bespoke OEM

As a bespoke OEM Original Manufacturer we can produce this product as an OEM to suit your business

Contact us to discuss your requirements

Specification details - ATS 180

Operating Modes	Manual, Barcode
Welding Voltage	39.5V (8 to 48V)
Welding Current	1-50A
Duty Cycle	60A 50% (200s on 200s off) 50A 100% (1600s on)
Welding Time	1-3000 seconds
Supply Voltage	115 ± 15% (40-70Hz) 230 ± 15% (40-70Hz)
Supply Current	1-25A (115V) 1-12A (230V)
Supply Power	2800 W
Weight	16 kg
Size	45 x 33 x 17 cm
Operating Temp.	-15° to +50°



**MADE IN
BRITAIN**®

ATS 250

Compact Plastic Pipe Welder

up to
400
mm

- **Electrofusion processors for plastic pipe welding world-wide**
- Welding output is a controlled voltage between 8V and 48V and welds constant voltage electrofusion fittings commonly 39.5/40V
- Suitable for low, medium and high pressure PE or PP pipe work systems from 16mm to 400mm diameter (1/2" to 8")
- Suitable for the rental market and construction sites
- Welds fittings in Manual mode and Barcode automatic mode
- Data log memory of more than 2000 welds
- Download data log using USB memory
- Hanger to store Input and Output cables
- Comes with optional bag
- Compact design - easy to transport
- Easy to use operator interface as well as a vibrant, easy to read screen
- Reasonably priced reliability - very popular for those looking for value for money and weight saving
- CE approved



Input Power Connections for this model:

- 110V version
- 120V version
- 320V version

Input plug for your region or country are available
Contact us for more information

Bespoke OEM

As a bespoke OEM Original Manufacturer we can produce this product as an OEM to suit your business

Contact us to discuss your requirements

Specification details - ATS 250

Operating Modes	Manual, Barcode
Welding Voltage	39.5V (8 to 48V)
Welding Current	1-60A
Welding Time	1-3000 seconds
Supply Voltage	115V \pm 15% 110V (40-60Hz) 230V \pm 15% 230V (40-60Hz)
Supply Current	1-28A (115V) 1-14A (230V)
Supply Power	3500 W
Weight	20 kg
Size	22 x 26 x 45cm
Operating Temp.	-15° to +50°



**MADE IN
BRITAIN**®

ATS 500

Compact Plastic Pipe Welder

up to
630
mm

- Electrofusion processors for plastic pipe welding world-wide
- Much like the ATS250 with benefit of a keypad and a larger display screen along with the added power of welding much larger diameter fittings
- Suitable for low, medium and high pressure PE or PP pipe work systems from 16mm to 630mm diameter (1/2" to 24")
- Suitable for the rental market and construction sites
- Welds fittings in Manual mode and Barcode automatic mode
- Data log memory of more than 2000 welds
- Download data log using USB memory
- Stainless Steel Frame option
- Includes Barcode Scanner & Bag
- Comes complete with patented 447 (dual size lead ends)
- Very popular, reasonably priced, lighter and more compact than ACT but with the same capabilities
- CE approved



Input Power Connections for this model:

- 110V version
- 120V version
- 320V version

Input plug for your region or country are available

Contact us for more information

Bespoke OEM

As a bespoke OEM Original Manufacturer we can produce this product as an OEM to suit your business

Contact us to discuss your requirements

Specification details - ATS 500

Operating Modes	Manual, Barcode
Welding Voltage	39.5V (8 to 48V)
Welding Current	1-75A (100A Peak)
Welding Time	1-6000 seconds
Supply Voltage	115V \pm 15% 110V (40-60Hz) 230V \pm 15% 230V (40-60Hz)
Supply Current	1-32A (100V) 1-15A (230V)
Supply Power	4000 W
Weight	20 kg
Size	25 x 32 x 37cm
Operating Temp.	-15° to +50°



**MADE IN
BRITAIN**®

ATS HP Large Diameter High Power Plastic Pipe Welder

up to
3500
mm

- Electrofusion processors for plastic pipe welding world-wide
- Large diameter electrofusion projects
- Welds constant voltage electrofusion fittings
- Suitable for low, medium and high pressure PE or PP pipe work systems from 16mm to 3500mm diameter (1/2" to 138") and larger depending on fitting manufacturer
- Suitable for the rental market and large civil engineering projects
- Welds fittings in Manual mode and Bar Code automatic mode
- Data log memory of more than 2000 welds
- Download data log using USB memory
- Large clear display
- Numeric keypad - easy to input important data
- Fan cooled / assisted cooling for higher duty cycles and hotter climates
- Robust design but easy to lift and take to site
- Optional Barcode Scanner & Bag
- CE approved



Input Power Connections for this model:

- 110V version
- 120V version
- 320V version

Input plug for your region or country are available

Contact us for more information

Bespoke OEM

As a bespoke OEM Original Manufacturer we can produce this product as an OEM to suit your business

Contact us to discuss your requirements

Specification details - ATS HP Large Diameter

Operating Modes	Manual, Barcode
Welding Voltage	39.5V (8 to 48V)
Welding Current	1-100A (120A Peak)
Welding Time	1-6000 seconds
Supply Voltage	115V \pm 15% 110V (40-60Hz) 230V \pm 15% 230V (40-60Hz)
Supply Current	1-63A (115V) 1-32A (230V)
Supply Power	7500 W
Weight	42 kg
Size	50 x 43 x 24cm
Operating Temp.	-15° to +50°



AW315

Low Pressure Drainage Fittings Welder

up to
315
mm

- Welds electrofusion fittings for Siphonic and general drainage fittings
- Suitable for low pressure PE pipe systems from 32mm to 315mm diameter
- Welding output is a controlled current of 5A or 10A and a controlled voltage of 220V
- Designed to operate on a 110V supply
- Small, lightweight plastic case
- Easy to carry and transport (storage)
- Welds fittings commonly made by Geberit, Wavin, Valsir, Polypipe and Akatherm which are used for siphonic rainwater and waste water applications
- Fully automatic system - just press start
- Different leads available for different manufacturer fittings
- Transformer power built in
- CE approved



Input Power Connections for this model:

- 110V version

Input plug for your region or country are available

Contact us for more information

Specification details - AW315

Operating Modes	Automatic
Welding Voltage	30V to 220V
Welding Current	5A-13A
Welding Time	80-420 seconds
Supply Voltage	115V \pm 15% 110V (40-60Hz)
Supply Current	1-32A (115V)
Supply Power	3500 W
Weight	15 kg
Size	41 x 34 x 20cm
Operating Temp.	-15C° to +50°



**MADE IN
BRITAIN**®

LP315

Low Pressure Drainage Fittings Welder

up to
315
mm

- Suitable for low pressure PE pipe work systems from 32mm to 315mm diameter
- Welding output is a controlled current of 5A or 10A and a controlled voltage of 220V
- Specifically designed to operate on a 230V supply
- Small, lightweight handheld plastic case
- Easy to carry and transport
- Sturdy powder coated Steel carrying case provided to protect from site conditions
- Welds fittings commonly made by Geberit, Wavin, Valsir, Polypipe and Akatherm which are used for siphonic rainwater and waste water applications
- Ideal for working/welding in Cherry Picker operation
- Fully automatic system - just press start
- CE approved
- **For use in the United Kingdom, this product will require an R.C.D**

Input Power Connections for this model:

- **230V version**

Input plug for your region or country are available

Contact us for more information

Bespoke OEM

As a bespoke OEM Original Manufacturer we can produce this product as an OEM to suit your business

Contact us to discuss your requirements

Specification details - LP315

Operating Modes	Automatic
Welding Voltage	30V to 220V
Welding Current	5A to 13A
Welding Time	80-420 seconds
Supply Voltage	115V \pm 15% 110V (40-60Hz)
Supply Current	1-15A (230V)
Supply Power	3500 W
Weight	4 kg
Size	28 x 12 x 8cm
Operating Temp.	-15° to +50°



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Vari Clamp Variable

16-75mm

With arms that slide on the backbone, this tool allows different width fittings to be held, which is especially useful when clamping elbows directly onto a tapping saddle outlet.

Specification Details	
Operating Range	16mm to 75mm
Operating Type	Straight, Elbow
Approvals	UK: GIS/PL2-5
Size	23 x 15 x 18cm
Weight	1.3 kg
Tool Material	Steel, Aluminium, Plastic
Tool Finish	Bright Zinc Plate, Anodised



Squeeze Off & Pipe Secateurs/Cutters

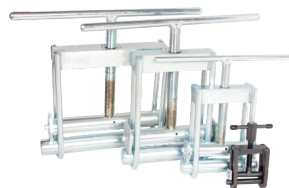
Accessories



Manual Squeeze Off 16-125mm

Designed to restrict the flow of gas or water in a plastic pipe while a repair is carried out. They squeeze the pipe down to a set amount, as defined in the UK National Grid specification GIS/PL2-7. The pipe is squeezed shut by two parallel bars, the top bar being moved by a manual operated tee handle. To ensure the pipe is not damaged in operation, the tool is fitted with rotatable profiles that set the correct gap. The tools are manufactured from steel to ensure reliable operation under harsh operating conditions.

Specification Details	
Operating Range	16mm to 32mm 20mm to 63mm 63mm to 125mm
Size (16-32mm) Size (20-63mm) Size (63-125mm)	15 x 9 x 4cm 28 x 29 x 6cm 35 x 41 x 7cm
Weight (16-32mm) Weight (20-63mm) Weight (63-125mm)	0.9 kg 4.5 kg 9.5 kg



Squeeze Off 63-180 Hydraulic

Designed to restrict the flow of gas or water in a plastic pipe while a repair is carried out. These tools can squeeze the pipe down to a set amount, as defined in the UK National Grid specification GIS/PL2-7. The Pipe is squeezed shut by two parallel bars, the top bar being moved by a hydraulically operated jack. Rotate the squeeze check plate for different pipe wall thickness'. Safety is a must so this machine is fitted with lock down screws. Four different size ranges from 63mm up to 180mm.

Specification Details	
Operating Range	63mm to 180mm
Operating Type	Hydraulic
Size	78 x 41 x 9cm
Weight	37.6 kg



Pipe Secateurs / Cutters 16-42mm & 16-75mm versions

Designed to quickly and precisely cut PE or PP pipe.

Two tools, one works with pipes from 16mm to 42mm diameter and the other works with pipes from 16mm to 75mm diameter.

Specification Details	
Operating Range (16-24mm)	16mm to 42mm
Operating Range (16-75mm)	16mm to 75mm
Operating Type	Secateurs
Size (16-24mm) Size (16-75mm)	19 x 9 x 2cm 47 x 17 x 3cm
Weight (16-24mm) Weight (16-75mm)	1.0 kg 1.7 kg



Roller Wheel Cutter 16-140mm

Rotary pipe cutter giving a square cut face. Cuts pipes from 16mm to 140mm in diameter (1/2" to 5").

Specification Details	
Operating Range	16mm to 140mm
Operating Type	Roller wheel cutter
Size	36 x 17 x 6cm
Weight	1.3 kg



Cutters, Scrapers & Rollers

Accessories



Pipe Exposure Tool (PET)

Quickly and precisely remove the protective skin from high performance PE100 pipes before the electrofusion process takes place. This tool works with pipes from 63mm to 630mm in diameter.

Specification Details	
Operating Range	All sizes
Operating Type	Profuse Pipe
Size	10 x 8 x 5cm
Weight	0.1 kg
Tool Materials	Steel, Plastic



Rotary Scraper 63-400

Designed to quickly and precisely scrape the surface of PE or PP pipe before the electrofusion process takes place. This works with pipes from 63mm to 400mm in diameter and some 315 couplers. Automatic hand driven pipe scraper that clamps onto the pipe wall and rotates around it, peeling off a predefined thickness of plastic to give the correct surface preparation.

Specification Details	
Operating Range	63mm to 400mm
Operating Type	Rotary, hand driven
Size (Tin)	41 x 21 x 15cm
Weight (250mm)	4.0 kg
Weight (400mm)	5.8 kg



Hand Scraper

Quick and easy tool scrapes the surface of PE or PP pipe before the electrofusion process takes place. Works with all sizes of pipe but is most suited to small diameter service pipe. Hardened steel blade for long life, and reversible blade with four scraping edges.

Specification Details	
Operating Range	All sizes
Operating Type	Manual
Size	17 x 6 x 2cm
Weight	0.1 kg



Rollers

Our pipe Support Rollers have been specially designed to help you handle plastic pipe jointing and installation with ease. They massively decrease the chance of pipe damage as a result of the pipe string being pulled along the ground, this also helps to keep pipe drag to a minimum. These rollers are available in 3 sizes.

Specification Details	
Pipe Diameter Range (Small)	0-300mm, 250kg
Pipe Diameter Range (Large)	100-760mm, 700kg
Pipe Diameter Range (Draw-off)	0-1000mm, 250kg
Size (Small)	22 x 29 x 29cm
Size (Large)	25 x 30 x 70cm
Size (Draw-off)	43 x 40 x 100cm
Weight Roller (Small)	6.0 kg
Weight Roller (Large)	11.9 kg
Weight Roller (Draw-off)	15.3 kg



Small

Galvanized steel frame, with aluminium roller body running on ball-bearings.

Large

Galvanized steel frame with two steel roller bodies, running on ball-bearings.

Draw-off

Galvanized steel, foldable frame with two steel roller bodies, running on ball-bearings.



Accessories

External Debeaders

63-1200mm

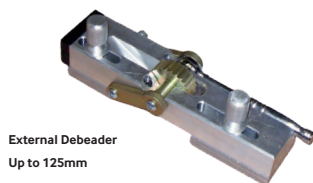
Designed to remove the external bead from a completed butt-fusion welded joint. The tool knocks onto the pipe bead, then alignment blocks slide against the pipe surface to guide it around the pipe. The blade cuts under the bead and the handle helps pull the tool around the pipe, cutting the bead away. Available in three different sizes.

The blade is shaped to cut the bead away without damaging the pipe. **Pipe regression blade available, ask us for details.**

A wear-block is fitted to the tool to protect from damage when the tool is knocked onto the pipe. Fully approved to the UK Gas Industry Standard PL2-5 and all water work pipes.

Specification Details

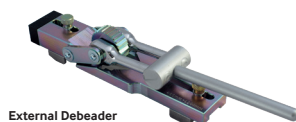
Operating Range	Up to 125mm Up to 400mm Up to 1200mm
Operating Type	Manual
Size (125mm)	21 x 6 x 7cm
Size (400mm)	39 x 9 x 7cm
Size (1200mm)	49 x 8 x 9cm
Weight (125mm)	0.9 kg
Weight (400mm)	2.4 kg
Weight (1200mm)	3.0 kg



External Debeader
Up to 125mm



External Debeader
Up to 400mm



External Debeader
Up to 1200mm

Calibration Kit

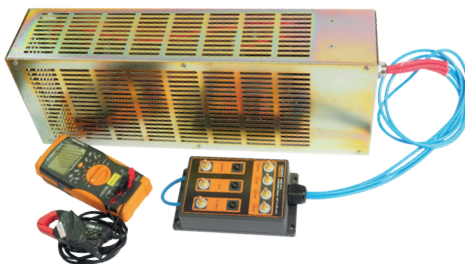
Equipment Testing Kit

Welding units require periodic calibration to keep them working perfectly. This can be done by returning the equipment to one of our registered repair centres, but can be done by the owner of the equipment themselves with training. A calibration kit is available with all equipment necessary to perform the test and calibration. Software within the welding unit guides the operator through the calibration process. Full training is available.

Ask us for full details and training costs.

Specification Details

Operating Range	Calibration equipment
Operating Type	Software guided
Size	Multiple parts
Weight	12 kg



Welding Cables

ACT Welding Units

Output leads

- Patented 447 dual size terminals eliminate the need for adaptors.
- 5.7mm 80V blue lead.
- 4.0mm + 4.7mm 40V lead.
- All leads are fitted with our unique protective shroud which prolongs lead life + protects the operator.

Specification Details

Designed for	ACT Welding Units ACT Arctic version
Operating Type	Standard
Operating Type (Arctic)	Low temperature
Size	3m
Weight	1.25 kg
Operating Temp.	-10C to +60C
Operating Temp. (Arctic)	-40C to +60C



Repair & Calibration

Our in-house repair service

In-house repair and calibration service

- ▶ Available for all our products
- ▶ Return to our UK factory
- ▶ Worldwide with our service partners
- ▶ Free training at our UK factory
- ▶ Customer site training available

Contact us to book your product service



Research & Development

Our in-house design service

- ▶ PCB design
- ▶ Hardware design
- ▶ 3D CAD modelling
- ▶ Software design
- ▶ Mobile phone apps

**Bespoke development service
available for industry related projects**



WORLDWIDE USAGE

Advance Welding products in-use worldwide



WORLDWIDE DISTRIBUTION

Advance Welding Distributions



OEM MANUFACTURERS FOR:

- ▶ Franklin Fueling Systems
- ▶ Durapipe Enfuson
- ▶ +GF+ Wavin
- ▶ Polypipe
- ▶ Geberit
- ▶ Wolseley
- ▶ Sunbelt Rentals
- ▶ PPA KRAH

UK DISTRIBUTORS

- ▶ **UK Wide : Fusion Utilities**
+44 (0) 344 2511888
- ▶ **UK Wide : Sunbelt Rentals**
+44 (0)1727 898678

EUROPE DISTRIBUTORS

- ▶ **IRELAND**
Dublin : AEF
+353 (0) 16267516
- ▶ **Dublin : Sunbelt Rentals Ltd (Ireland)**
+353 (0)14138620
- ▶ **SPAIN**
Barcelona : Aristegui Maquinaria
+34 93 5862940
- ▶ **PORTUGAL**
Porto : Maiaplas
+351 229 022587
- ▶ **BELGIUM**
Temse, Antwerp : Cynerpro
+32 3 253 2350
- ▶ **POLAND**
Krakow : Labtronik
+48 12 2690737
- ▶ **FINLAND**
Oulu : Pipelife
+358 30 600 2249
- ▶ **SWEDEN**
Haparanda : Pipelife
+358 30 600 2202

NORTH AFRICA DISTRIBUTORS

- ▶ **MOROCCO**
Mohammedia : Souplast, Soudure
Plastique
+212 523 281 708

MIDDLE EAST DISTRIBUTORS

- ▶ **ISRAEL**
Kfar Veradim : Aviv Oren Agencies
+972 4 999 7007
- ▶ **UNITED ARAB EMIRATES**
Dubai : Servetech
+971 4 289 4550
- ▶ **Dubai : Plastic Pipes Welding
Machinery & Equipment Rental**
+971 55 711 7478
- ▶ **QATAR**
Doha : Servetech
+974 4 467 6170

ASIA DISTRIBUTORS

- ▶ **SINGAPORE**
Singapore : Widos Asia
+65 6458 2722
- ▶ **INDONESIA**
Jakarta : PT Euroasia Teknik
+62 21 59409856

NORTH AMERICA DISTRIBUTORS

- ▶ **CANADA**
Edmonton : ISCO AH McElroy
+1 780 454 0638
- ▶ **USA Wide : ISCO Industries**
+1 800 345 4726
- ▶ **USA Wide : Wolseley Industrial**
+1 863 667 1686

SOUTH AMERICA DISTRIBUTORS

- ▶ **CHILE**
Santiago : TermoPro
+56 2 2738 7340
- ▶ **BRAZIL**
Sao Paulo : Pipeworks.
+55 11 9845 8330

OCEANIA DISTRIBUTORS

- ▶ **AUSTRALIA**
Adelaide : Advanced Piping Systems
+61 8 8206 7000
- ▶ **NEW ZEALAND**
Wellington : UPG
+64 4 238 4452

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