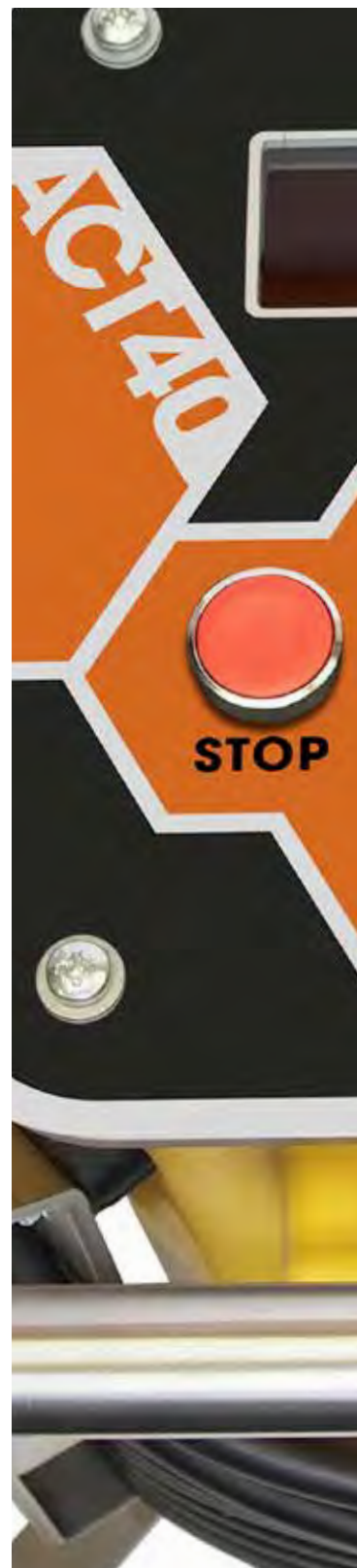


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▶ ADVANCE ▶ WELDING

Manufacturers of Electrofusion Welding Equipment



The Power To Connect

ADVANCE WELDING

The Power To Connect



- ▶ **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**

INDEX

Electrofusion Welding Equipment & Accessories

ACT 40V Electrofusion Welder	p4
ACT 40V ARCTIC Electrofusion Welder	p5
ACT 80V Electrofusion Welder	p6
ACT 40/80V Electrofusion Welder	p7
ATS 180 Electrofusion Welder	p8
ATS 180:COMBI Electrofusion Welder / Generator	p9
ATS 250 Electrofusion Welder	p10
ATS 500 Electrofusion Welder	p11
ATS HP Large Diameter Electrofusion Welder	p12
ATS DH District Heating Bandmuff Sleeve Welder	p13
AW 315 Electrofusion Drainage Fittings Welder	p14
LP 315 Electrofusion Drainage Fittings Welder	p15
Multi Clamps Accessories	p16
Vari Clamp, Vee Clamp & Saddle Clamp Accessories	p17
Squeeze Off & Pipe Secateurs / Cutters Accessories	p18
Cutters & Scrapers Accessories	p19
External Debeaders, Calibration & Cables Accessories	p20
Partner Programme 1 Control Point, Excel CS	p21
Worldwide Usage Advance Welding products in-use worldwide	p22
Worldwide Distribution Advance Welding worldwide distributors	p23

ACT 40V

Electrofusion Welder

- **Electrofusion processors for plastic pipe welding world-wide**
- Welds fittings from 16mm to 630mm diameter (1/2" to 24") & 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 the hire companies in 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 available with Stainless Steel lid and frame option (or powder coating with colour of your choice)
- 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



Machine shown without Lid



Input Power Connections for this model:

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

Input plugs 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

Lid and Frame options

Lid and Frame options are available for this product



More Lid and Frame options are available
Contact us to discuss your requirements

Livery options

Livery options are available for this product



More Livery options are available
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.	-15C to +50C
Welding diameters	16-630mm

ACT 40V ARCTIC Electrofusion 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 plugs 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

Lid and Frame options

Lid and Frame options are available for this product



Stainless Steel



Zinc Coated



Powder Colours



Powder Colours

More Lid and Frame options are available

Contact us to discuss your requirements

Livery options

Livery options are available for this product



Orange



Blue



Black

More Livery options are available

Contact us to discuss your requirements

Specification details - ACT 40ARCTIC

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.	-40C to +50C
Welding diameters	16-630mm

ACT 80V

Electrofusion Welder

- 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 plugs 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

Lid and Frame options

Lid and Frame options are available for this product



Stainless Steel



Zinc Coated



Powder Colours



Powder Colours

More Lid and Frame options are available

Contact us to discuss your requirements

Livery options

Livery options are available for this product



Orange



Blue



Black

More Livery options are available

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 ± 15% (40-60Hz)
Supply Current	1-63A
Supply Power	7500W
Weight	20kg
Size	38 x 38 x 40cm
Operating Temp.	-15C to +50C

ACT 40/80V Electrofusion 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 with 32A or 63A Input 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 plugs 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

Lid and Frame options

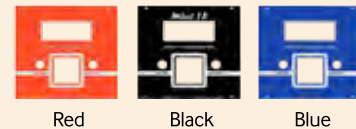
Lid and Frame options are available for this product



More Lid and Frame options are available
Contact us to discuss your requirements

Livery options

Livery options are available for this product



More Livery options are available
Contact us to discuss your requirements

Specification details - ACT40/80V

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

ATS 180

Electrofusion Welder

- **Electrofusion processors for plastic pipe welding world-wide**
- Welds constant voltage electrofusion fittings
- Suitable for low and medium pressure PE or PP pipe work systems from 16mm to 200mm diameter (1/2" to 8") **that require no more than 50 amps after initial start up**
- Welding output is a controlled voltage between 8V and 48V
- Suitable for house-connection market, Geothermal & smaller diameter water pipe joining
- Small, lightweight and portable unit, over-shoulder design
- Bag or Stainless Steel frame
- Welds fittings in Manual mode and Barcode automatic mode
- Data log memory of more than 2000 welds
- Download data log using USB memory
- Assisted cooling offers superb, unrivalled duty cycles
- Includes either Bluetooth or CCD Barcode Scanner
- CE approved



Input Power Connections for this model:

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

Input plugs 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

Frame options



Stainless Steel

Specification details - ATS180 & SS

Operating Modes	Manual, Barcode
Welding Voltage	39.5V (8-48V)
Welding Current	1-50A
Welding Time	1-1500 seconds
Duty Cycle (in a 1 hour period)	33% (450s ON / 900s OFF)
Supply Voltage	115 ±15% 110V (40-60Hz) 230 ±15% 230V (40-60Hz)
Supply Current	1-25A (115V) 1-12A (230V)
Supply Power	3000W
Weight (ATS180)	11kg
Weight (ATS180 SS Frame)	12kg
Size (ATS180)	30 x 21 x 26cm
Size (ATS180 SS Frame)	33 x 25 x 34cm
Operating Temp.	-15C to +50C



ATS 180:COMBI

Electrofusion Welder/Generator

- **Electrofusion processors for plastic pipe welding world-wide**
- All in one generator and electrofusion welder
- Handy portable unit size - **compact and convenient**
- Specifically designed for service pipe installation and house connections market and useful for 'spot-hire' markets
- Welds PE and PP pressure fittings up to 180mm diameter in both Manual mode and Barcode mode **that require no more than 50 amps after initial start-up**
- Full data logging capabilities
- Download data log using USB memory
- Power outlet capable of powering auxiliary equipment when electrofusion welder is not operating
- No need for extension leads
- 1 piece welder - eliminates unneeded equipment
- No separate generator required - fits in boot of standard car
- Stainless Steel constructed Control Panel
- Separate output lead
- Includes BlueTooth Scanner
- Excellent for those '1-off' electrofusion jobs
- CE approved



Output Power Connections for this model:

- **110V version Single Socket**
- **120V version Single Socket**
- **230V version Single Socket**

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 - ATS180:COMBI

Operating Modes	Manual, Barcode
Welding Voltage	39.5V (8-48V)
Welding Current	1-50A
Welding Time	1-1500 seconds
Duty Cycle at max output (in a 1 hour period)	33% 450s ON / 900s OFF
Generator Voltage	115 ±15% 110V (40-60Hz)
Generator Current	1-16A
Generator Power	2800W
Weight	50kg
Size	60 x 45 x 40cm
Operating Temp.	-15C to +50C



ATS 250

Electrofusion Welder

- **Electrofusion processors for plastic pipe welding world-wide**
- 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")
- Welding output is a controlled voltage between 8V and 48V
- Suitable for the rental market and construction sites
- x2 models - Manual or Extra with Barcode
- 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
- Optional Barcode Scanner & 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**
- **230V version**

Input plugs 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 in OEM to suit your business.

Contact us to discuss your requirements

Frame options

Frame options are available for this product



More Frame options are available
Contact us to discuss your requirements

Livery options

Livery options are available for this product



Blue

More Livery options are available
Contact us to discuss your requirements

Specification details - ATS250

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

ATS 500

Electrofusion Welder

- **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
- Available with Multifit 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
- 230V version

Input plugs 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 in OEM to suit your business.

Contact us to discuss your requirements

Frame options

Frame options are available for this product



Stainless Steel



Powder Colours

Livery options

Livery options are available for this product



Blue

More Livery options are available
Contact us to discuss your requirements

Specification details - ATS500

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

ATS HP Large Diameter Electrofusion Welder

- **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**
- **230V version**

Input plugs 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

Frame options

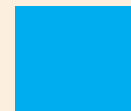
Frame options are available for this product



Stainless Steel



Powder Colours



Powder Colours

More Frame options are available

Contact us to discuss your requirements

Specification details - ATS HP

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±15% 110V (40-60Hz) 230V±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.	-15C to +50C



ATS DH District Heating Bandmuff Sleeve Welder



- **Electrofusion processors for plastic pipe welding world-wide**
- Welds band-muff sleeves for pre-insulated pipes
- Suitable for District Heating and District Cooling systems from 20mm to 1200mm diameter (1" to 48")
- Welding output is a controlled temperature profile
- Specifically designed for usage on harsh construction sites
- Specific pre-defined mode of operation that controls the energy applied to the sleeve depending on manufacturers specification
- Data log memory of more than 2000 welds
- Download data log using USB memory
- Robust site-ready design
- CE approved



Input Power Connections for this model:

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

Input plugs 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

Frame options

Frame options are available for this product



Stainless Steel



Powder Colours



Powder Colours

More Frame options are available
Contact us to discuss your requirements

Specification details - ATS500

Operating Modes	Automatic
Welding Voltage	2 to 12 V
Welding Current	1-150A
Welding Time	1-1500 seconds
Supply Voltage	115V±15% (40-60Hz) 230V±15% (40-60Hz)
Supply Current	1-32A (115V) 1-15A (230V)
Supply Power	7500W
Weight	42kg
Size	50 x 43 x 24cm
Operating Temp.	-15C to +50C



AW315

Electrofusion Drainage Fittings Welder

- 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 manufacturers fittings
- Transformer power built in
- CE approved



Input Power Connections for this model:

- 110V version

Input plugs 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 to 13A
Welding Time	80-420 seconds
Supply Voltage	115V±15% 110V (40-60Hz)
Supply Current	1-32A (115V)
Supply Power	3500W
Weight	15kg
Size	41 x 34 x 20cm
Operating Temp.	-15C to +50C



LP315

Electrofusion Drainage Fittings Welder

- 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 plugs 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

Case options

Case options are available for this product



Powder Colours



Powder Colours

More Case options are available

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	230V±15% 110V (40-60Hz)
Supply Current	1-15A (230V)
Supply Power	3500W
Weight	4kg
Size	28 x 12 x 8cm
Operating Temp.	-15C to +50C

Multi Clamps Accessories

Multi Clamp 16-32mm

Simple but effective tool designed to restrain, align and reround pipe before and during the electrofusion process. Works with pipes from 20mm to 32mm in diameter. Specifically designed to hold fixings onto tapping saddle outlets. Quick-Grip clamps allow quick and easy operation.

Specification Details	
Operating Range	20,25,32mm
Operating Type	Straight
Approvals	UK: GIS/PL2-5
Size	27 x 13 x 7cm
Weight	1.46kg
Tool Material	Steel
Tool Finish	Bright Zinc Plate



Multi Clamp 55-125mm

For small cut trenching operations. Smaller, more compact clamp for smaller diameters with the same features as the bigger clamps. Can be detached and used separately as a re-rounding clamp.

Specification Details	
Operating Range	55mm to 125mm
Operating Type	2 & 3 way universal
Size	46 x 17 x 29cm
Weight	5.0kg



Multi Clamp 55-180mm

Designed to restrain, align and re-round pipe before and after the electrofusion process. It works with pipes from 55mm to 180mm in diameter. Commonly found in mains installation works. Can be detached and used separately as a re-rounding clamp.

Specification Details	
Operating Range	55mm to 180mm
Operating Type	2 way universal
Size	70 x 27 x 36cm
Weight	10.2kg



Multi Clamp 3 Way 55-180mm

As with our 2 way clamp, this tool works with pipes between 55mm and 180mm in diameter, the holding rings rotate to preset positions of 45 degrees and 90 degrees to allow for elbows to be held. The three way tool has an additional leg and clamp that allows tees to be held whilst welding and cooling. Completely adjustable making them versatile for every installation. The third arm can be removed to operate as a two way clamp.

Specification Details	
Operating Range	55mm to 180mm
Operating type (2 way)	Straight, Elbow
Operating type (3 way)	Straight, Elbow, Tee
Approval	UK: GIS/PL2-5
Size (2 way)	70 x 27 x 36cm
Size (3 way)	100 x 27 x 70cm
Weight (2 way)	10.2kg
Weight (3 way)	16.5kg
Tool Materials	Steel, Aluminium, Plastic
Tool Finish	Bright zinc plate, Anodised



Vari Clamp, Vee Clamp & Saddle Clamp Accessories

Vari Clamp

16-75mm

Restrain and align pipe before and during the electrofusion process. Works with pipes from 16mm to 75mm in diameter.

Specification Details	
Operating Range	16mm to 75mm
Operating Type	Straight
Operating Type (Uni)	Straight, Elbow
Approvals	UK: GIS/PL2-5
Size	19 x 17 x 15cm
Size (Uni)	23 x 15 x 18cm
Weight	1.1kg
Weight (Uni)	1.3kg
Tools Material	Steel, Aluminium, Plastic
Tools Finish	Bright zinc plate, Anodised



Vari Clamp



Vari Clamp Universal

Vari Clamp Universal

16-75mm

The backbone of the 'Universal' clamp can rotate to allow 45 degree and 90 degree elbows to be clamped. Works with pipes between 16mm and 75mm in diameter.

Vari Clamp Variable

16-75mm

Similar to the Universal Clamp, but with arms that slide on the backbone to allow 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	1.3kg
Tools Material	Steel, Aluminium, Plastic
Tools Finish	Bright zinc plate, Anodised



Vee Clamp

55-500mm

Designed to restrain and align pipe during the electrofusion process. For pipes from 55mm to 500mm in diameter (2" to 20") commonly found in mains installation. Available as a 2-way clamp for couplers, elbows and reducers, or as a 3-way clamp for tees.

Specification Details	
Operating Range(500mm)	55mm to 500mm
Operating Range(250mm)	55mm to 250mm
Operating Type	2 way straight or universal
Size (500mm)	110 x 51 x 28cm
Size (250mm)	100 x 34 x 23cm
Weight (500mm)	24kg
Weight (250mm)	15.6kg
Operating Temp.	-50C to +60C



Vee Clamp 55-500mm



Vee Clamp 55-250mm

Vee Clamp

55-250mm

Again available as a 2-way clamp for couplers, elbows and reducers, and as a 3-way clamp for tees.

Saddle Clamp

125mm/32-250mm/32-500mm versions

Holds saddle fittings onto the pipe at correct pressure, before and during the electrofusion process. Works with tapping saddles, branch saddles and purge saddles.

Designed to work on saddles that have a 32mm stack with an adaptor foot for 63mm, 90mm and 125mm available as an optional extra.

Specification Details	
Operating Range(125mm)	32mm to 125mm
Operating Range(250mm)	32mm to 250mm
Operating Range(500mm)	32mm to 500mm
Operating Type	Top loading clamp
Size(125mm)	42 x 17 x 9cm
Size(250mm)	59 x 25 x 9cm
Size(500mm)	23 x 13 x 13cm
Weight(125mm)	3.1kg
Weight(250mm)	4.3kg
Weight(500mm)	1.2kg



Saddle Clamp 125mm

Saddle Clamp 32-250mm

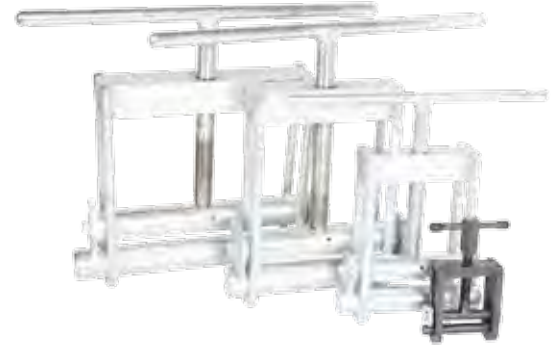
Saddle Clamp 32-500mm

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
Operating Range	20mm to 63mm
Operating Range	55mm to 90mm
Operating Range	63mm to 125mm
Size (16-32mm)	15cm x 9cm x 4cm
Size (20-63mm)	28cm x 29cm x 6cm
Size (55-90mm)	34cm x 41cm x 7cm
Size (63-125mm)	35cm x 41cm x 7cm
Weight (16-32mm)	0.9kg
Weight (20-63mm)	4.5kg
Weight (55-90mm)	7.2kg
Weight (63-125mm)	9.5kg



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	78cm x 41cm x 9cm
Weight	37.6kg



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



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	36cm x 17cm x 6cm
Weight	1.3kg



Cutters & Scrapers

Accessories



Tapping Saddle Cutter Keys 12mm Cutter Drive

Designed to operate the integral cutter in a Tapping Saddle. Works with all Tapping Saddles that have 12mm hexagonal drives/cutters.

Specification Details	
Operating Range	All Tapping Saddles with 12mm cutter drive
Operating Type	Manual
Size	20cm x 1.2cm x 20cm 20cm x 1.2cm x 100cm
Weight	0.5kg



Pipe Exposure Tool (PET)

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

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



Rotary Scraper 63-250

Designed to quickly and precisely scrape the surface of PE or PP pipe before the electrofusion process takes place. Works with pipes from 63mm to 250mm 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 250mm
Operating Type	Rotary, hand driven
Size	41cm x 21cm x 15cm
Weight	5.8kg



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	17cm x 6cm x 2cm
Weight	0.1kg



External Debeaders, Calibration & Cables Accessories

External Debeaders

63-900mm

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 four 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
Operating Range	Up to 400mm
Operating Range	Up to 500mm
Operating Range	Up to 5900mm
Operating Type	Manual
Size (125mm)	21cm x 6cm x 7cm
Size (400mm)	39cm x 9cm x 7cm
Size (500mm)	39cm x 9cm x 7cm
Size (900mm)	80cm x 20cm x 15cm
Weight (125mm)	0.9kg
Weight (400mm)	2.4kg
Weight (500mm)	3.0kg
Weight (900mm)	15.0kg

External Debeader
Up to 900mm



External Debeader
Up to 500mm



External Debeader
Up to 400mm



External Debeader
Up to 125mm



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	12kg



Welding Cables

ACT Welding Units

Output leads

- UK 40V fitting black lead 4.7 terminal
- 80V fitting blue lead 5.7 terminal
- European 40V 4.0 terminal
- Fusamatic
- Dual size terminal also available 4.0mm & 4.7mm - **ask us for details**

Specification Details	
Designed for	ACT Welding Units
Designed for	ACT Arctic version
Operating Type	standard
Operating Type	low temperature
Size	3m
Weight	1.25kg
Operating Temp.	-10C to +60C
Operating Temp.	-40C to +60C



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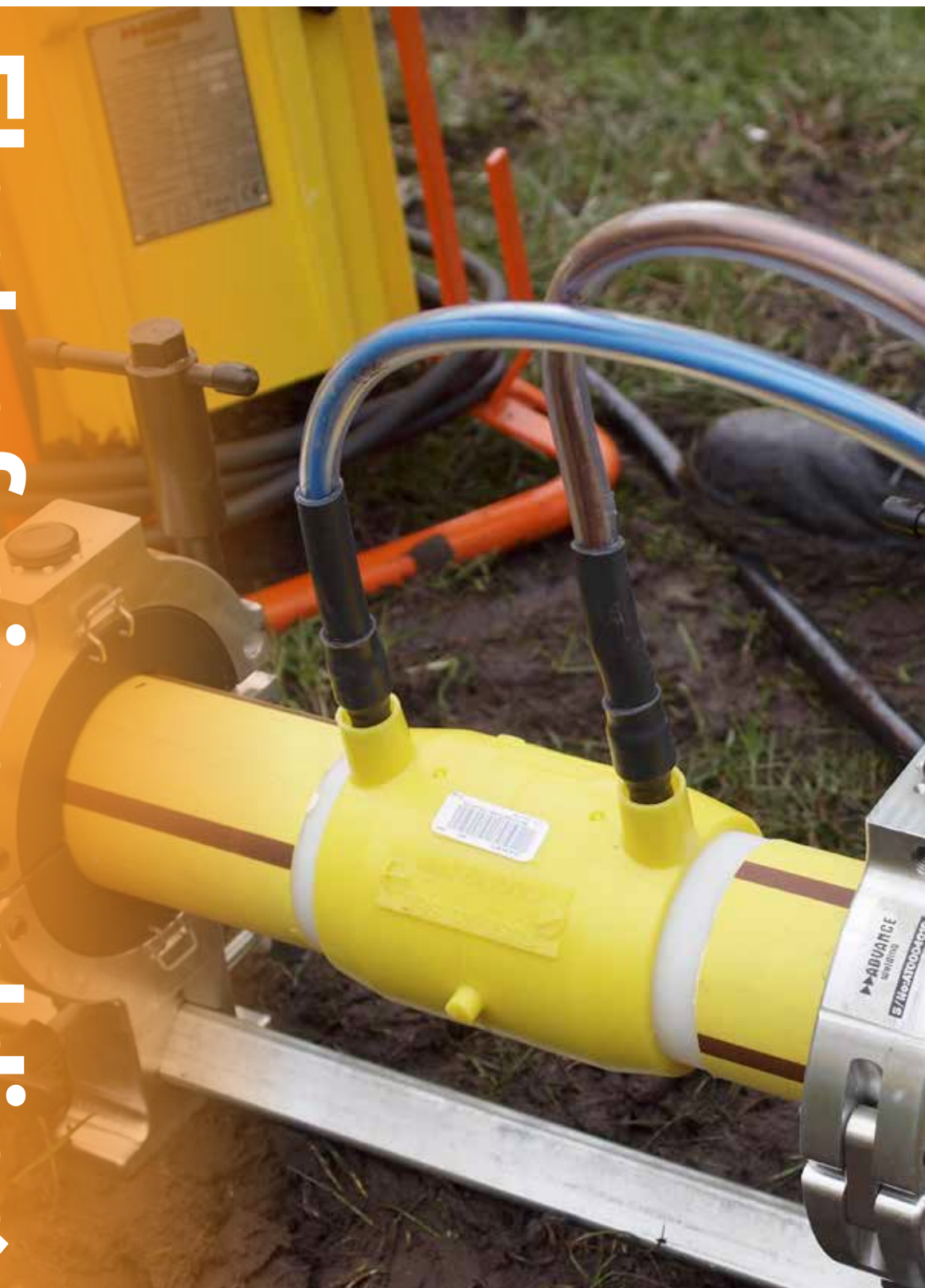
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