## **DEAD MAINS INSERTION PRODUCTS & SERVICES** A quick guide





























## **Pipe Handling**



## 125mm Mini Pipe Handler

Attaches to a 1.5-3 tonne digger arm for inserting and manoeuvring PE up to 125mm. Kit includes full range of shells, 63-90mm.

EFFICIENT — fast, lightweight tool with insertion speeds of 10+ metres per minute.

For more information scan here





## 180mm Midi Pipe Handler

Designed to fit a 3 tonne digger, the Midi is ideal for inserting coils or sticks of PE up to 180mm. Kit includes full set of shells, 63-125mm.

SAFE — the side loading jaw avoids the need for operatives to work in the trench.

For more information scan here



## **The Pipe Handler**

The original digger mounted pushing machine for Tier 2 mains, designed to insert and manoeuvre sticks of PE from 250mm up to 900mm. Fits 5-11 tonne digger.

SIMPLE to use — low maintenance, designed for heavy duty pipe-laying environments.

For more information scan here





## Perpetual Pipe Pusher™

A digger attachment used to continuously insert PE from 63mm up to 180mm using hydraulically driven rubberised rollers.

Pushes at speeds of 25 metres per minute.

Once the Perpetual Pipe Pusher is correctly positioned in the trench, the

positioned in the trench, the digger arm remains static throughout the insertion.

## **Pipe Cracking**



#### **CRACKERJACK™**

The fast, safe and affordable way to break out cast iron mains up to 6".

20 tonnes of break-out force cracks a 6" main in minutes.

Controlled break out avoids damaging internal PE.



For more information scan here



## **HD Mini MACAW Pipe Cracker™**

For safe, effective cracking of small diameter, redundant cast iron gas mains — 4" to 8".

For use on abandoned and inserted mains, without damaging internal PE.

Ideal for use with Live Mains Insertion.



For more information scan here



## **MACAW Pipe Cracker™**

Designed for large diameter mains, a digger attachment for safe, effective cracking of redundant cast iron — 8" to 24" diameter.

Safer and faster than using a 'podger bar' or sledge hammer.

For use on abandoned and inserted mains, without damaging inserted PE.

For more information scan here



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## **Pipe Coil Trailers**



## **Hexi Trailer**

All available for HIRE or PURCHASE

Transports and dispenses 63-90mm coils of all lengths, up to 500m – or 150m of 125mm.

Cost saving — by using 500m coils over several projects, PE wastage is reduced by up to 20%.

Easy to use — raised central drum dispenses quickly and effortlessly.

For more information scan here





## **180 Pipe Coil Trailer**

For the safe transport, storage and dispensing of coiled PE from 40mm to 180mm.

Accommodates a 100 metre coil of 180mm SDR 11/17 PE.

Leading end of PE is strapped to frame, preventing potential 'spring', avoiding injury hazard.

For more information scan here





## 125/160 Pipe Coil Trailer

For the safe transport, storage and dispensing of coiled PE from 40mm up to 160mm.

Accommodates a 100 metre coil of 160mm SDR17 PE or a 150 metre coil of 125mm SDR17 PE.

Capable of being towed by a standard long wheelbase vehicle.

For more information scan here





## 50/90 Pipe Coil Trailer

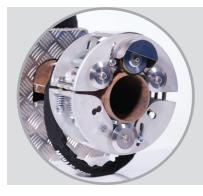
For the safe transport, storage and dispensing of coiled PE from 40mm up to 125mm.

Accommodates up to a 150 metre coil of 63/75/90mm PE.

Carousel helps PE rotate and avoids kinking.



## **Pipe Cutting**



## **Rapid Rotary Cutter**

Circumferential Cutter for steel, ductile & cast iron mains up to 300mm/12" in diameter.

Quick cutting time — approx 2 mins per cut on 4"/100mm ductile iron and 4 mins per cut on 4"/100mm steel.

For more information scan here





#### **Keel Cutter**

Circumferential cutting and beveling machine which cuts steel, cast iron, ductile iron and plastic up to 1600mm in diameter.

Fast cutting time — typically 8 minutes to cut a 300mm diameter cast iron pipe.

For more information scan here





### **Rapid Window Cutter**

Compact, hand-held cutter for cutting windows in live or dead inserted mains, without risk of damaging inserted PE.

Suitable for all sizes of steel and ductile mains up to 13mm in depth. Fast cutting times compared with traditional methods.

For more information scan here



#### **Products**



#### **Test Ends**

A quick, safe and cost-effective means of pressure testing and purging coiled PE pipe.

Test Ends are ideal for pressure testing PE pipe after a Dead Mains Insertion and can be made for larger sticks of PE above 180mm.

For more information scan here





#### **Anchor Plates**

An engineered steel disc that fits over PE pipe and acts as an anchorage point to stop the PE from moving.

For use on live and dead mains insertion.

Available in a wide range of sizes.



#### **Products**



## **Mini Purge Ejector**

For purging Metallic and PE Gas Mains.

Suitable for pipe diameters of 3" – 18" / 75mm – 450mm.

Easy to handle by one operative.

Can purge 1.2km in just eleven minutes.

For more information scan here





#### **FOAMBAG™**

A safe, simple and versatile system for pipe, duct and void decommission and removal.

The FOAMBAG™ Technique has been in use in the UK for over 30 years, and meets the UK gas industry technical standard T/SP/E/59.

Suitable for non-standard sizes, tapers, bends, shapes and vertical pipework.

For more information scan here





#### BURSTPACK™

A proven method of permanently sealing off dead annular space between Tier 1 metallic pipe and inserted PE.

BURSTPACK™ consists of SVI's two-part expanding foam formulation, contained within a specially designed plastic sachet, featuring a series of chambers separated by 'burst seals'.

For more information scan here



#### ENDSEALS™

ENDSEALS™ are used to stop gas tracking back along the annular space of inserted gas mains. This method avoids spending unnecessary time and money excavating.

ENDSEALS™ are also used to avoid reinstatement 'slump'. By sealing off the annular space, the risk of backfill gradually finding its way into the gap and causing slumping at the surface is removed.

#### Services



## **FULLSEAL™ & Applicator Gun**

Annular sealant for dead inserted gas services. Clean, safe odourless.

Low cost.

Environmentally friendly.

Ready to use – no mixing or preparation.

For more information scan here





## **Live Service Removal Tool**

This tool easily removes a section of the inserted metallic pipe, giving a reliable accurate cut and avoiding damaging the PE.





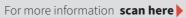


## **Rapid Service Isolation**

Rapid Service Isolator is a safe method for cutting a live service, prior to dead insertion, in no-gas conditions.

For Low Pressure Gas Services.

3/4" to 1 1/4"







# **Legacy Insertion Sealant Technique (LIST)**

LIST has been developed to reduce the requirement for removing and renewing existing PE services which are inserted in steel but have been installed without any fire protection such as FULLSEAL or FOAMPACK.



#### 17.5mm Insertion Kit

Allows companies to renew gas services without interrupting the mains supply and excavating the road surface.

Significant safety benefits:

- Operators not working on the highway.
- Cost effective.



#### **Services**



#### **Under Pressure Drill**

A robust, low cost drill which is hydraulically tested.

Recommended for use on pipes running on 2 bar (30 psi).

Cuts holes up to 44mm diameter in live gas pipes.

For more information scan here





#### FOAMSTOP™ Tee

For the use of abandoning an old supply.

Injection of FOAMSTOP™ foam kit through the FOAMSTOP™ tee allows user to cut-off gas flow. Once used, user can cut pipe between foam injection point – abandoning the old supply.

For more information scan here



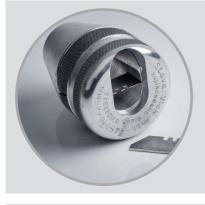


#### **FOAMSTOP™**

FOAMSTOP™ Kits comprise a two-part pre-measured expanding resin foam which is mixed on site.

Injected using a Steve Vick Applicator Gun.

For more information scan here



## **Taper Tool**

The Service Taper Tool provides a safe and simple alternative to using a knife or hacksaw to slice a section off the PE to allow it to be pushed easily around even a tight bend into the building.

Now available in 20mm and 25mm sizes.

For more information scan here





## Service Pushing Machine 16mm to 40mm

Provides a controlled and powerful pushing force without causing physical strain to the operator.

Will operate in either a pushing or pulling mode.