STEVE VICK INTERNATIONAL

Rapid Window Cutter

A compact handheld cutter designed for cutting windows in live or dead inserted mains, without risk of damaging inserted PE.

The Rapid Window Cutter was designed in collaboration with Wales & West Utilities, who identified the need for a faster window cutting solution to extend their use of Live Mains Insertion, on their ductile network.

Easy to operate, the cutter simply connects to the onsite compressor. A single operative can then engage the trigger, lower the blade and glide the unit along the main. The operator can pivot the chassis easily to change from circumferential to longitudinal cuts.

Ductile iron is notoriously problematic because it cannot be broken out like cast iron. The Rapid Window Cutter solves this problem. It is a handheld tool designed for precise, fast cutting of windows in abandoned or inserted ductile mains, without damaging the previously inserted PE.

The design introduces a revolutionary alternative to established methods, typically cutting a window on 100mm (4”) ductile iron in under 12 minutes which is 50% faster than traditional methods.

The Rapid Window Cutter is suitable for all sizes of steel and ductile mains up to 13mm (0.5”) in depth.

Available for HIRE or PURCHASE

GAS

WATER

NUCLEAR

CONTRACT SERVICES

SMARTESTER

HIRE

FUTURE ENERGY

Benefits

- ***Extremely quick cutting time – a typical size window is cut in less than 15 minutes***
- *User Safety – the cutting disc is mounted away from the operator's hand with an automatic emergency cut-off on trigger handle*
- ***Cost effective solutions – available to hire, purchase or carried out as a contract service***
- *Easy to use – the compact and lightweight design makes it easy to operate as a one-man operation*
- ***Precise – depth control discs prevent damage to inserted PE making it ideal for use in live mains insertion and dead insertion projects***
- *Clean process – no water is required resulting in a cleaner trench*
- ***Air powered – uses on-site compressor, removing the requirement for an extra power source***
- *Water line incorporated to prevent, sparking and suppress dust (full PPE including face masks must be worn)*

Technical specifications

Required clearance: Approx. 229mm (9")
Minimum pipe diameter: 76mm (3")
Maximum pipe wall thickness: 13mm (½")
Typical cutting time: 10 minutes per window
Width: 200mm (8")
Height: 203mm (8")
Length: 230mm (9")
Weight: 7kg (15lbs)

Pipe Cutting is also available as a Contract Service

1. Circumferential and longitudinal cuts made in 100mm/4" ductile pipe

2. Window removed to reveal inserted PE

3. Service connections made to the new main

About Steve Vick International

We are experts in innovative engineering for trenchless renovation and decommissioning of pipes worldwide.

Since our foundation in 1981, we have been dedicated to delivering cost-saving solutions for damaged, redundant or outdated underground pipe work. We are at the forefront in developing products and techniques across gas, water, nuclear and contract service sectors on a worldwide basis.

We are proud of our reputation for innovative product development, strong technical support and after sales care.

For more information on any of the products and services featured here, please contact: ***info@stevevick.com***

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