



PE Pipe Cutter

A circumferential cutter, designed to cut large diameter PE pipe in a single rotation, quickly and safely.

Steve Vick International (SVI) have developed, as a joint NIA funded project with Northern Gas Networks (NGN), a new PE Pipe Cutter for large diameter PE.

The PE Pipe Cutter offers an accurate, safe, and efficient method of circumferentially cutting large diameter PE pipe. It easily cuts pipes with diameters of 250mm and above, with wall thicknesses up to 70mm in one full pass.

The unique, low profile machine is pneumatically powered and capable of accurately completing a full circumferential cut on 630mm PE pipe in less than 5 minutes. This compares favourably to standard cutting techniques and represents a significant time saving.

The PE Pipe Cutter is safe to use in above ground and in ground scenarios and requires minimal clearance. With a total working height of 170mm the PE Pipe Cutter is ideal for use where space is restricted.

With safety being paramount in the design process, the cutting element remains enclosed in the wall of the pipe throughout the circumferential cut. It is this unique safety feature that sets the PE Cutter aside from traditional tooling, such as rotary cutting disc machines and chainsaws, which have been long associated as hazardous, with potential to cause serious injury.

The cutter performs with precision even when the pipe may be under bending stress which can cause blade pinch when using traditional methods. The swarf collector gathers the PE cutting waste as the unit rotates around the pipe, thereby reducing the amount of microplastics emitted into the surrounding environment.

The PE Pipe Cutter is robust, efficient, safe, ergonomic, cost effective and is a welcome addition to SVI's extensive range of pipe cutting equipment which includes, Rapid Rotary Cutters, Rapid Window Cutters and Keel Cutters.



GAS



WATER



NUCLEAR



CONTRACT SERVICES



SMARTESTER



HIRE



FUTURE ENERGY

IMPROVED SAFETY:

Negates hazards associated with chainsaws, circular saws or hacksaws as the cutting device remains enclosed in wall of PE throughout cut

EXTREMELY QUICK CUTTING TIME:

Approximately 3 minutes to cut a 630mm diameter PE pipe

ENVIRONMENTALLY FRIENDLY:

Swarf is collected as the unit rotates around the pipe, reducing the amount of microplastics emitted with a 98.5% pick-up rate

LIGHTWEIGHT:

Simple to set up and operate

VERSATILE:

Chain can be easily adjusted or added to, to suit different pipe diameters

LONG LIFESPAN:

Supplied with a range of bespoke cutting tools, maintenance tools and security case

Precision cutting reduces need to "finish" the pipe ends before butt fusion or socketing



AVAILABLE AS A  CONTRACT SERVICE

TECHNICAL SPECIFICATIONS

Clearance required: 180mm (6")

Minimum pipe diameter: 250mm (10")

Maximum cutting depth 70mm (2 ¾")

Cutting speed: 1m per min

UNIT

Width: 130mm (5 ¼")

Height: set-up pos. 235mm/9 ¼"
cutting pos. 170mm (6 ¾")

Length: 250mm (10")

Weight: 12kg (26.5lbs) excluding chain



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