

Perpetual Pipe Pusher

The Perpetual Pipe Pusher is an excavator attachment used to continuously insert PE from 63mm/2" up to 180mm/6".

The process of inserting small diameter PE pipe, live or dead is now made easier, safer and faster with the use of the new Steve Vick International Perpetual Pipe Pusher.

Attached to the quick hitch or standard bucket pins of an excavator, the Perpetual Pipe Pusher is designed to grip the PE, position it in the excavation and insert the pipe. Once positioned in

the trench, the machine remains anchored to the excavator arm and firmly in place. The pipe is then inserted by the hydraulically driven rubberised rollers.

The entire operation is controlled from the safety of the cab, avoiding the need for operatives to handle the pipe or enter the trench.

The Perpetual Pipe Pusher can handle a complete range of PE sizes from 63mm / 2" up to 180mm / 6", by means of a simple adjustment to the rollers which accommodate the various pipe diameters. Depending on the size of the PE being inserted, the Perpetual Pipe Pusher has been designed for use on 1 ½, 2 and 3 tonne or above hydraulic excavators. The pusher is easy to set up and simple to use.

When in operation, the Perpetual Pipe Pusher keeps the pipe moving smoothly throughout the insertion process, allowing the excavator operative to focus on the PE pipe dispensing off the trailer rather than on the PE pipe being inserted into the host main.

Once the pusher is in the correct position to insert the PE pipe, it will maintain that position throughout the insertion process. This minimises any chance of disruption to the parent main and plant utilities that can be caused by raising or lowering of the excavator.



Available
for HIRE or
PURCHASE

Benefits

- **Efficient - a highly efficient and fast system to insert PE pipe in either coils or butt fused stick**
- **Minimises damage - due to the continual push there is little to no visible movement of the host main, virtually eliminating the chance of damage**
- **Safety – safer alternative to using an excavator and sling to insert PE pipe and minimal need for operatives to enter the trench when in operation**
- **Speed – pushes at speeds of 25 metres per minute – with typical lengths in excess of 300m being pushed in at any one time**
- **Ease of use – one stage set up for entire insertion operation and all loading, maneuvering, and inserting operations controlled from the cab**
- **Compatible - connects to the arm of most common dual fed hydraulic excavators and no need for size specific shells**
- **Minimises disruption - reduces the possibility of disruption to the parent main and other utilities**



Technical specifications

PE Size: 63mm, 75mm, 90mm, 110mm, 125mm, 140mm, 180mm
(and the equivalent imperial measurements)

Functions: Grip, forward and reverse operations

Height: 490mm (19")

Width Open: 550mm (22")

Width Closed: 356mm (14")

Length: 895mm (35")

Top Bracket Pins: 25mm, 30mm and 34mm pins (2 of each)
(adaptor's available for larger excavators)

Hydraulic Fittings: Typically, 3/8" and 3/4" flat face quick fit couplers

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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