

## PIPE PUSHING MACHINES



A safe, cost effective alternative to the use of winches or excavator buckets & slings for pushing PE pipe into a host main

Since the 1980s, Steve Vick International has been producing pipe pushing machines for use in mains renovation projects, that is for the insertion or sliplining of old metal mains with new PE pipe. Other uses include feeding cable into ducting, or removing it quickly and easily.

We produce a range of models capable of handling PE from 40mm up to 630mm in diameter, although larger machines are produced to special order. Each model may be fitted with shell inserts to accommodate smaller dimensions. The smallest machine is pneumatically operated whilst the larger models are hydraulic in operation. In addition, we produce manual pushing machines pushing 20, 25, 32 and 40mm diameters.



*The Pipe Handler*



### BENEFITS

- Lower equipment costs, compared with winches
- Insertion can take place with only one excavation open
- Avoids the risk of stretching and exceeding tensile loading of the PE (when winching)
- Action may be reversed to pull back pipe if an obstruction is met
- Avoids the need to first feed a winch wire though the host pipe
- Avoids the safety issues associated with winch cable under tension
- Avoids prescribed waiting time for PE to 'relax' before jointing
- Long sections can be inserted in one operation: 500 metres typical; 1000+ metres possible
- Insertion speeds of up to 10 minutes per metre depending on model/pipe diameter
- Avoids the uncontrolled force associated with using an excavator shovel to push in pipe

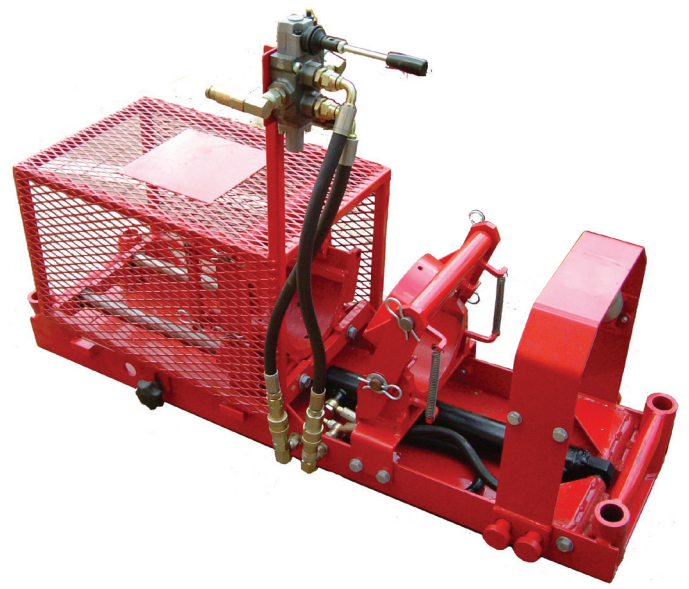
### OPERATION

SVI Pushing Machines are extremely easy to operate - just a touch of a lever is all that's needed to insert even large diameter PE. The machines work on the principle of grasping the pipe in a set of jaws, thrusting it forward and holding it in that position whilst the jaws return to the start position ready to push the pipe again.

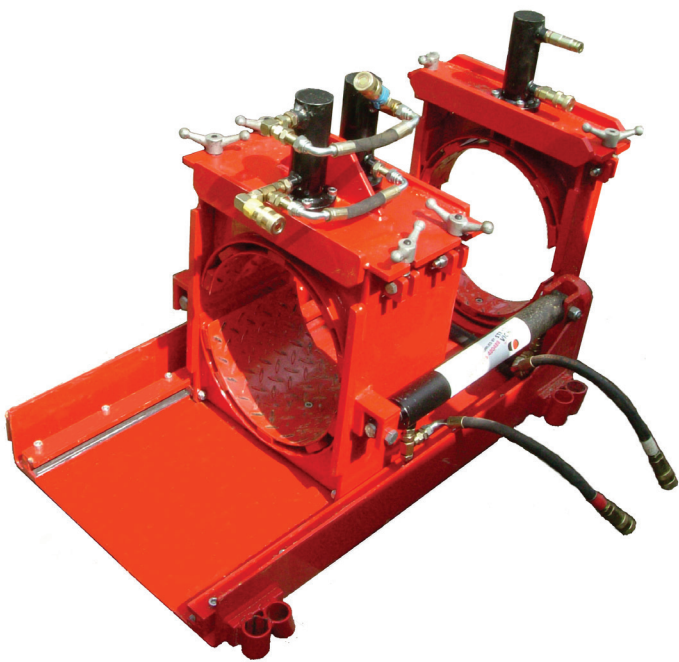
***You may also be interested in our range of Pipe Handlers which attach to the arm of an excavator  
Visit [stevevick.com](http://stevevick.com) for more information***



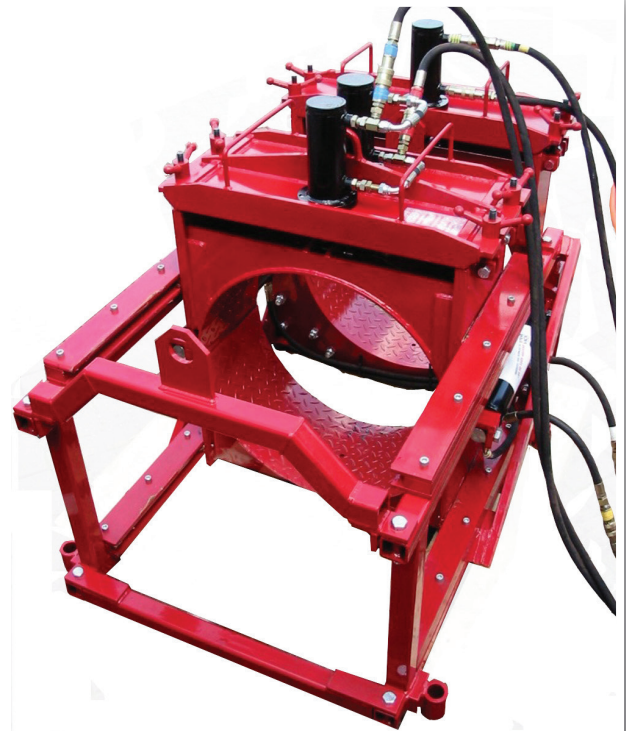
*125 Pneumatic Pushing Machine for use with pipe diameters 40mm to 125mm. Max pushing speed 10 metres/minute*



*180 Hydraulic Pushing Machine for use with pipe diameters 40mm to 180mm. Max pushing speed 8 metres/minute*



*355 Hydraulic Pushing Machine for use with pipe diameters 90mm to 355mm. Max pushing speed 4 metres/minute*



*630 Hydraulic Pushing Machine for use with pipe diameters 355mm to 630mm. Max pushing speed 4 metres/minute*

**Available for purchase or hire - call us on 01225 864 864**

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