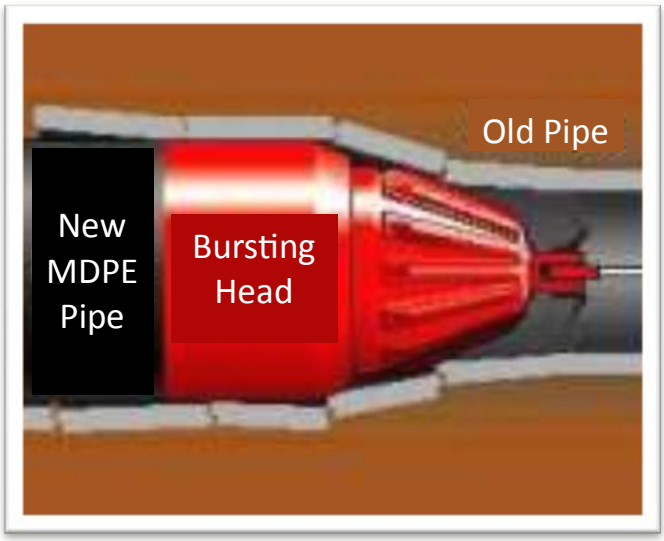
clear-flow

PROVIDING THE COMPLETE SERVICE

Pipe Bursting

Trenchless technology to replace entire sewer and drain runs

Pipe bursting is a proven method of rehabilitating pipelines using trenchless technology. Clear-Flow Ltd use a static cable bursting system. This system breaks out old pipes in the ground whilst simultaneously drawing in new pipe lengths. An existing pipe can be replaced under a road or railway track without having to excavate and therefore close the line or road.



Pipe bursting can work from access points at either end of a pipe length such as a manhole. Pipe junctions need to be excavated and replaced after bursting. A hydraulic puling machine is located at one end of the length, and a steel cable is threaded through the existing pipe. A bullet shaped bursting head is then attached to the cable and is winched through towards the hydraulic machine. Custom made lengths of high quality MDPE are screwed onto the bursting head and are drawn though the length.

Old pipe fragments are displaced as the new pipeline is formed and often much larger pipes are used to replace older smaller pipes. This allows upsizing of pipe diameter should the host pipe be suffering from overloading during peak flows. Pipe Bursting can be used to renew pipes made of Cast Iron, Ductile Iron, Plastic, Concrete, Clay and pitch Fibre.

Pipe bursting can be used to:

- Renew Pitch Fibre pipes.
- Strengthen failing structures including re-shaping of failing Clay or Concrete drainage pipe work.
- Prevent Tree Root Contamination.
- Replace entire sewer or drain lengths.
- Upsize pipe diameters.

The MDPE threaded pipe lengths that Clear-Flow Ltd use are custom made. Therefore a lead time of approx. 10 working days is needed when booking works. Jobs can be priced based on a meterage rate.

For a free quotation, to discuss any aspects of lining or any other of our services in more detail then please either email us on info@clearflowltd.com or call us on: 0800 317082