

PIPE HUNTER

using TRENCHLESS TECHNOLOGY to repair blocked and damaged pipes

minimal impact. **maximum results.**

Specialising in permanent
Pipe Lining solutions that are:

- Clean
- Fast
- Flexible
- High Quality
- Cost Effective

WHAT CAUSES BLOCKED AND DAMAGED PIPES?

The lifetime of a pipe is naturally limited. Material fatigue, chemical substances, earth movements and strain will inevitably lead to damaged pipes, over time. Modern pipe systems generally last longer due to improvements in technology, however pipes will break down with increased traffic, construction works and ground movement caused by wet or dry seasons. Cracks or breaks in pipes can allow tree roots to enter. These may block pipe flow or allow water to leak into the sub-soil and compromise the structural integrity of building foundations.

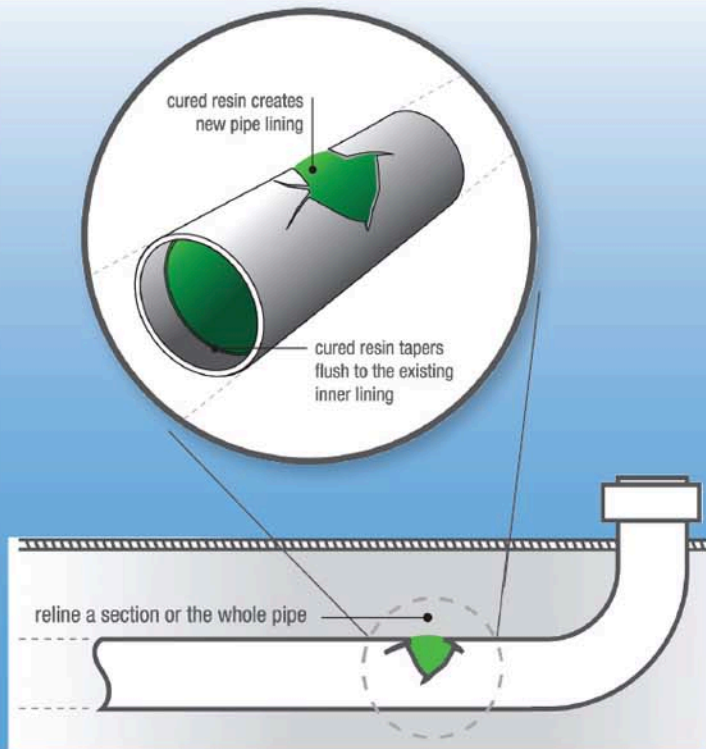
WHAT IS PIPE LINING?

Pipe Lining uses trenchless technology and requires little or no earthworks to deliver a fast and permanent solution for repairing blocked and damaged pipes. Traditionally pipes have been dug up and replaced; now Pipe Hunter offers a cleaner, cost effective alternative without the disruption of excavation. Our pipe lining technology is so flexible that it can be used to reline continuous lengths of pipe or provide short patches, reline multiple bends, boundary traps or create junction repairs. Suitable for storm water or sewerage pipes, Pipe Hunter's system can be applied to pipe diameters ranging from 40mm up to 300mm.



HOW DOES PIPE LINING WORK?

- CCTV is used to inspect and survey damaged pipes from existing access points
- Pipes are then cleaned using high pressure water jets and prepared for relining
- A liner is impregnated with epoxy resin and a deflated bladder is inserted into the liner
- The liner is then inserted into the damaged pipe
- Once in position, the bladder inflates and expands the liner to form the shape of the new pipe
- This creates a new pipe within the damaged pipe
- The resin cures to form a permanent replacement pipe
- The bladder is then removed to allow for immediate use of the pipe



The epoxy resin used in Pipe Hunter's system is chemically engineered specifically for pipe lining. It has the structural properties of a PVC pipe, offering the same hardness and flexibility as PVC.

To view our pipe lining video visit www.pipehunter.com.au

WHAT ARE SOME OF THE ADVANTAGES?

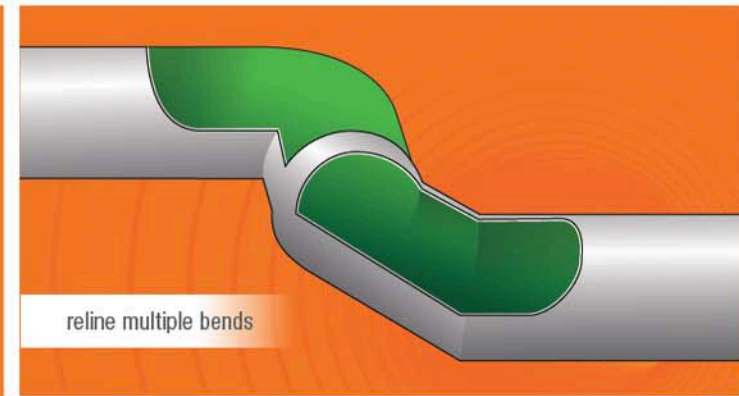
THE FAST ALTERNATIVE

The use of trenchless technology means little or no excavation work is required. This results in minimal disruption to the surrounding area and faster job completion.

Pipe Hunter uses superior quality resins, engineered, manufactured and tested in Germany to ensure fast curing times and pipes that are ready for immediate use.

THE FLEXIBLE OPTION

Our pipe lining materials are structurally sound so they can span a range of pipe diameters, seamlessly line multiple bends and patch missing sections of pipe, all with the structural integrity of a permanent new pipe.

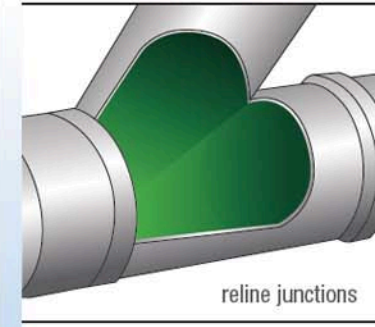


A SAFER CHOICE

By eliminating the need for destructive excavation, we are also eliminating the serious OH&S risks involved with operating heavy machinery and the risk of injury or death associated with deep excavation.

HIGH QUALITY MATERIALS AND WORKMANSHIP

Pipe Hunter only uses high quality, chemical resistant liners and styrene-free, non-toxic resins in our pipe lining process. Our high performance materials are engineered, manufactured and tested in Germany using world's best practice and are ISO 9001 certified. All materials carry a 60 year manufacturer's warranty and our workmanship is guaranteed for 6 years*.



THE COST EFFECTIVE SOLUTION

Excavating the area and replacing pipes is time consuming and expensive; using trenchless technology removes the need to dig and lowers labour costs. Pipe Hunter's system means the job is completed quickly, cleanly and cost effectively.

*Workmanship guarantee is provided by the Plumbing Industry Commission on jobs exceeding \$500 in value.

PIPE LINING IS THE PERMANENT SOLUTION

The combination of trenchless technology, years of experience and superior quality materials allow Pipe Hunter to provide long-term pipe lining solutions with minimal disruption to landscaping and paved areas.

Our high performance materials create a perfectly stable laminate layer within damaged pipes. This layer has the structural integrity of a new pipe; it can stand alone, even spanning voids in damaged pipes to create a new pipe within the old one.

The result is a permanent repair to the damaged pipe, completed without excavating the surrounding area.

PIPE HUNTER'S TOTAL SOLUTION

VACUUM EXCAVATION

Non-destructive excavation is used to expose buried assets such as power, water, gas and fibre optic cables without the risk of damage.

CCTV SURVEYS

Cameras fitted with transmitters ensure an accurate location of the conduit when surveying pipe lines ranging from 40-300mm in diameter.

A DVD and written condition report are provided.

DRAIN CLEANING

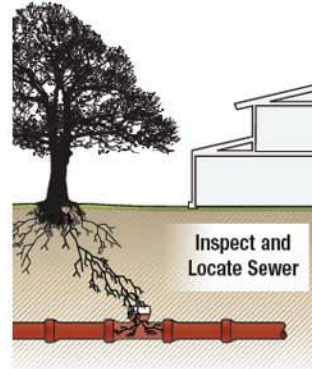
Pipe Hunter owns a municipal jet truck for large diameter drains and 2 x 1 tonne vehicles that are fitted with 3000Psi mini-jets and mechanical sewer cleaning machines. We are well equipped to jet clean drains up to 450mm in diameter.

ROBOTIC CUTTING

This equipment is capable of cutting obstructions from pipes, milling solid deposits such as render and cutting liners from junctions after pipe lining works.

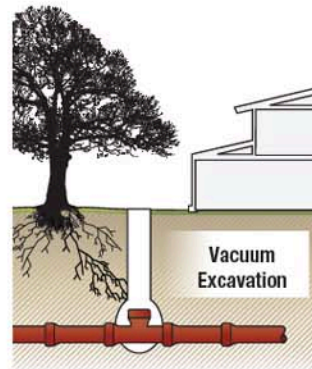
INSPECTION SHAFTS

3
QUICK AND
EASY STEPS!



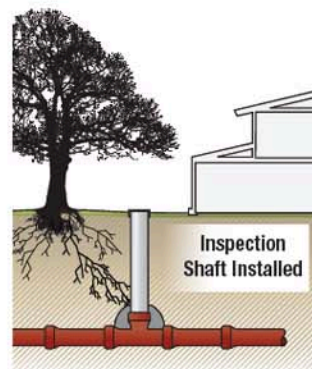
INSPECT AND LOCATE SEWER

- Faulty inspection openings on clay sewer pipes become blocked underground
- Traditional excavation methods are expensive and destructive
- Pipe Hunter's technology solves the problem quickly and cost effectively



VACUUM EXCAVATION

- Vacuum excavation means no digging
- Our equipment creates a shaft of about 150mm and vacuums away all debris
- Dirt, tree roots and the faulty inspection cap are vacuumed away, leaving no mess



INSPECTION SHAFT INSTALLED

- A PVC inspection shaft is installed and concreted into position
- The shaft is raised to the surface, providing permanent access to the drain for future maintenance
- The problem is solved and the site left clean and tidy. All in the same day.

minimal impact. **maximum results.**

Trenchless technology introduces a new dimension in plumbing, removing the need to dig trenches and excavate sites to repair pipe problems. Pipe Hunter offers a low impact, permanent alternative to traditional pipe replacement methods.

If left unchecked, the potential for damaged pipes to affect our local environment is significant:

- Leaking sewerage pipes may cause public health concerns and threaten local flora and fauna
- Damaged water pipes can affect surrounding ground water levels, compromising the structural integrity of building foundations
- Blocked pipes may create health risks at home or work via contamination from bacteria

Trenchless technology allows us to fix pipe problems with little or no digging and reduces the impact of plumbing works on landscaped areas, paving and driveways, minimising disruption to household routines. Pipe Hunter offers a long-term solution using high performance materials that are designed to minimise any impact on our environment.

For a clean, timely and cost-effective alternative to digging and replacing pipes; for quality workmanship using high performance materials, contact Pipe Hunter.

1300 00 1400

www.pipehunter.com.au