



Miller Pipeline



pipe
bursting
services

Miller Pipeline

We have decades of experience solving the really big problems.

Concern over the condition of the nation's infrastructure has caused government, municipalities, private companies and consultants to look for better, more efficient ways to replace deteriorated wastewater, water and gas piping. Miller Pipeline, a leader in pipeline renewal and rehabilitation systems, offers an innovative concept in pipeline replacement technology.

Pipe bursting trenchless pipe replacement systems allow you to install new pipelines in the same or even larger diameter than the pipe being replaced with minimum excavation.

Pipe bursting systems can be used to replace deteriorated wastewater, water and gas piping, including vitrified clay, cast iron, concrete, reinforced concrete, asbestos cement and PVC with high-density polyethylene (HDPE) pipe. This heavy-duty HDPE pipe is available from 4 inches in diameter up through 36 inches in diameter.

This high molecular weight pipe is corrosion-resistant and offers excellent flow characteristics. The use of continuous, fusion-welded pipe eliminates problem areas associated with joints such as leakage or infiltration and permits installation in smooth, jointless lengths. Another advantage is its flexibility, which permits it to be laid in a gradual radius for use on curves and steep hillsides without the need for fittings or excavations.



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Our pipe bursting methods provide huge advantages over traditional open-cut repair methods.

Save Money

- Problems are completely solved because the line is totally replaced, not just repaired
- The cost of installing HDPE pipe with the pipe bursting method is much less than total replacement by conventional trenching techniques

Reduce Inconvenience

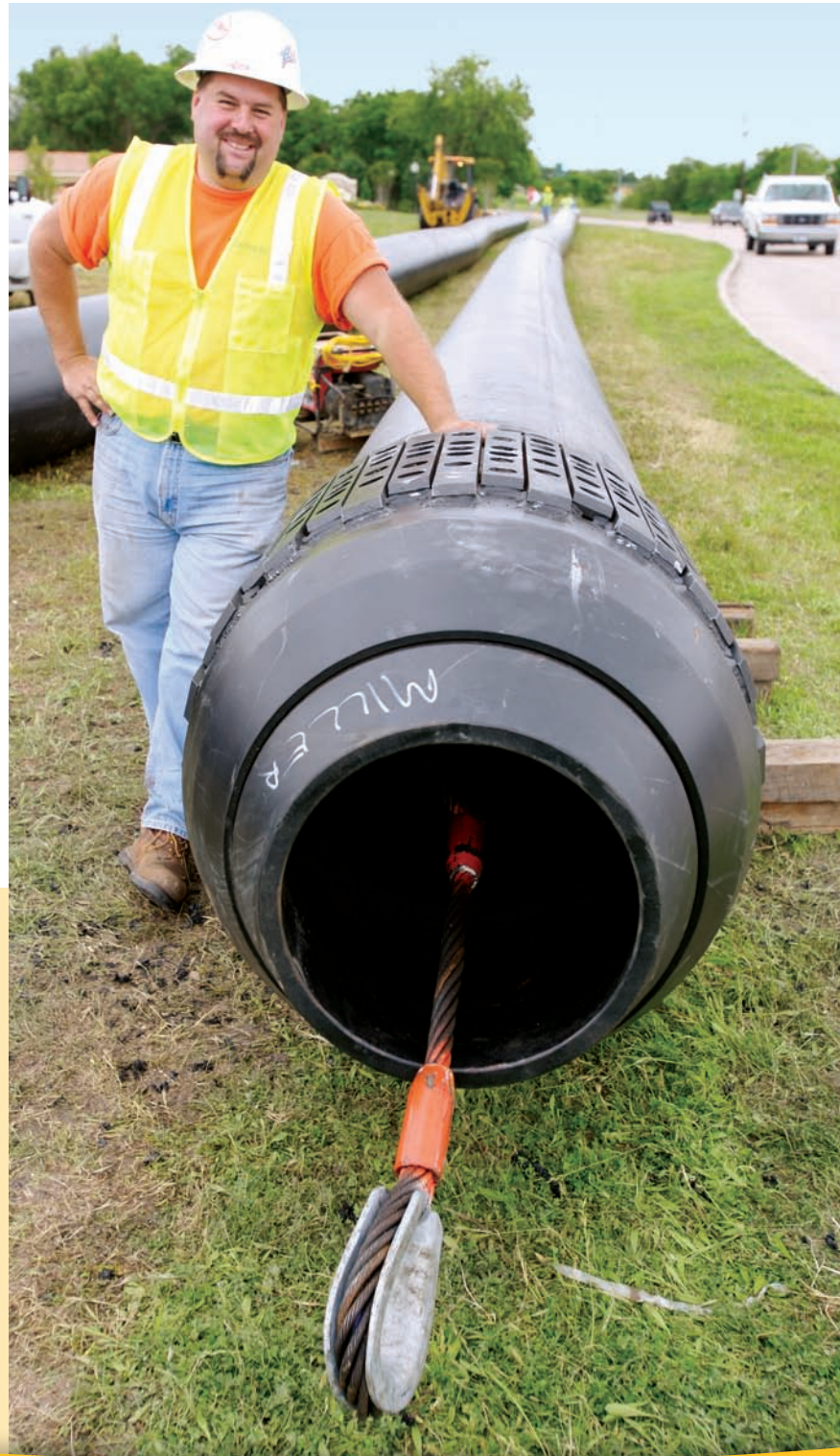
- Drastically reduces the public inconvenience and disturbance to the environment caused by traditional repairs
- Can be performed in tight access areas where open cut methods present a challenge or are not an option

Higher Capacity Pipe

- Install high-quality pipe that is the same diameter or larger than the original pipeline for increased flow capacity

Why choose Miller Pipeline

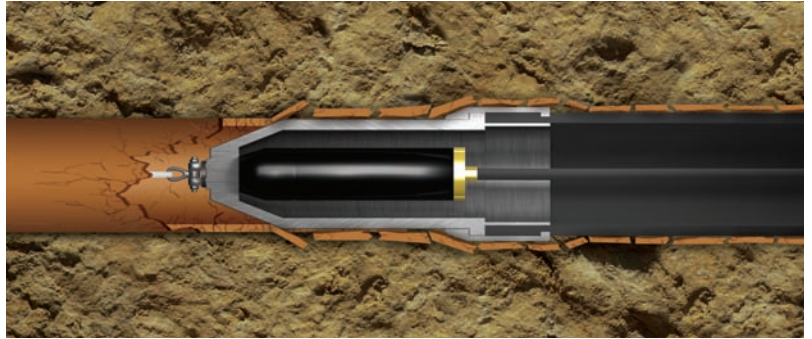
- Decades of pipe bursting experience
- Wide geographic service footprint ensures the availability of local resources and support for your project
- Trained Miller Pipeline technicians have the expertise to see the job through every step of the way
- In-house capability to assist the engineer and the owner designing the project by recommending the best rehabilitation methods and materials



Totally replace wastewater, water and gas piping in need of rehabilitation with durable high-density polyethylene pipe, often for the same or less cost than lining or other replacement options.

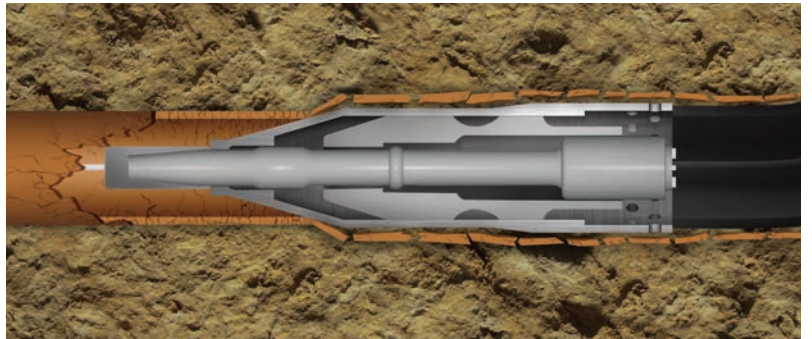
Pneumatic bursting head

The primary principal in pneumatic pipe bursting systems is percussion. Force is applied by a reciprocating hammer action which is activated by compressed air delivered by a hose that passes through the new pipe being pulled in. This system is ideal for heavily consolidated soils but is less efficient in running sands.



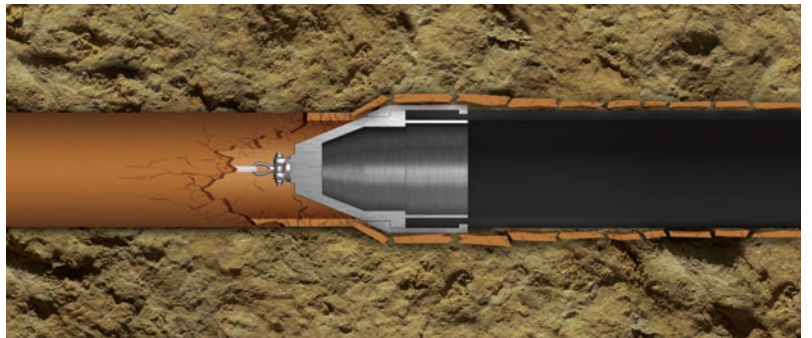
HDD bursting head

Used in tandem with an HDD drill, this system facilitates manhole exits and reduces excavation costs. It is the most common combination for size-on-size or upsizing pipe replacement projects in congested urban environments.



Static bursting head

For use in sandy conditions or when working with collapsed lines or heavy root intrusion. This combination reduces pipe plowing and soil plugs, thus increasing production and the bursting distance capability. Pipe pilots are also used on cast iron bursts.



For minimal environmental impact, we offer lightweight portable bursting system solutions.

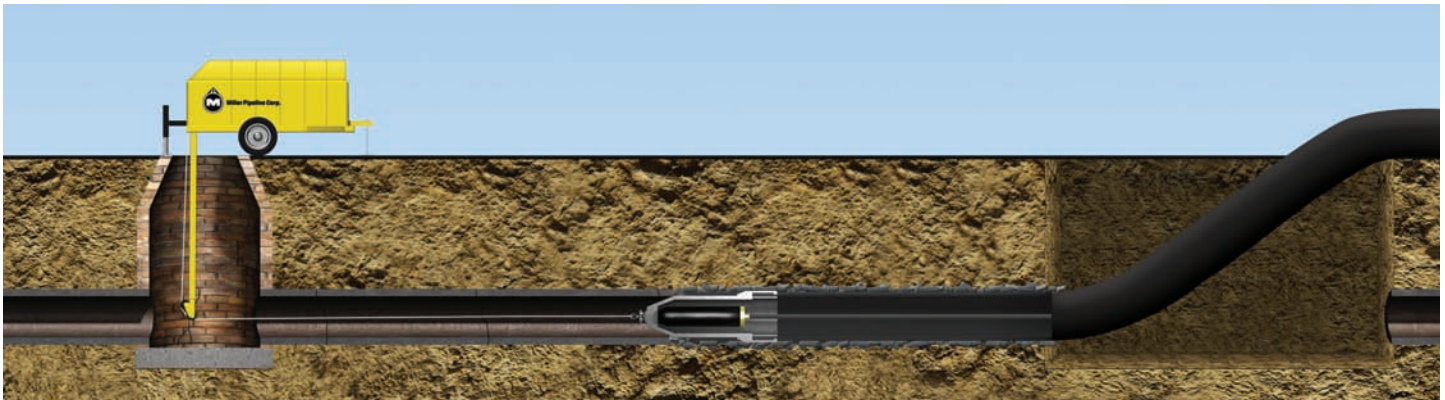
A national survey estimated the percentage of total system infiltration from service laterals to range from 30 percent to as high as 90 percent. Miller Pipeline offers portable bursting systems perfect for 4 and 6-inch sewer laterals and short runs. And when the work space is tight and destruction of buildings, landscaping or paved surfaces is a concern, this economical system connects to a backhoe or standard hydraulic power source and will lay pipe at the rate of 12 feet per minute with a cable pull strength of 30 tons.





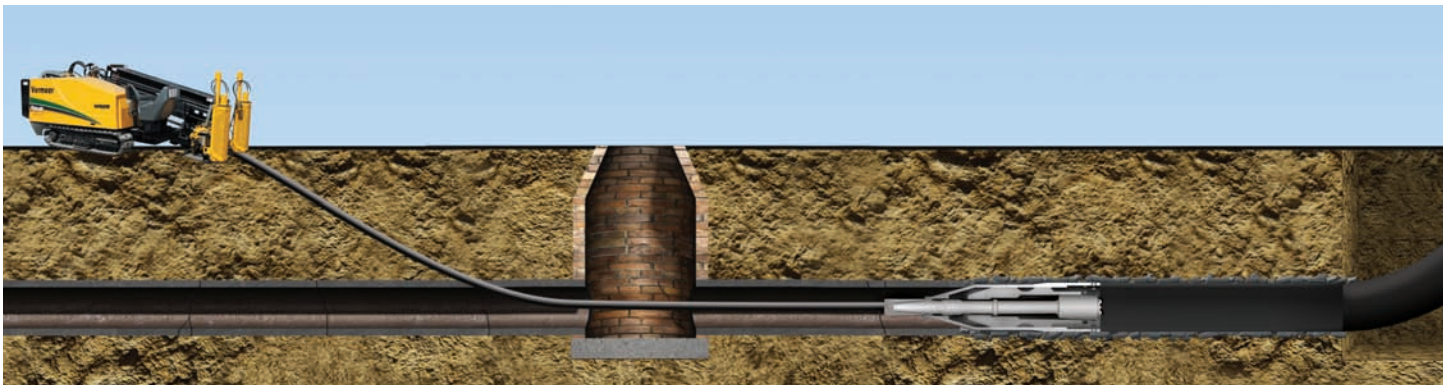
Common problems ideal for pipe bursting solutions.

- Offset pipes
- Deterioration or state of collapse
- Root intrusion
- Leaking joints
- Under capacity
- Rain infiltration or inflow



Pneumatic rear-feed bursting head with constant tension winch

Excavation costs can be cut dramatically by utilizing specialty winches for bursting head retrieval.



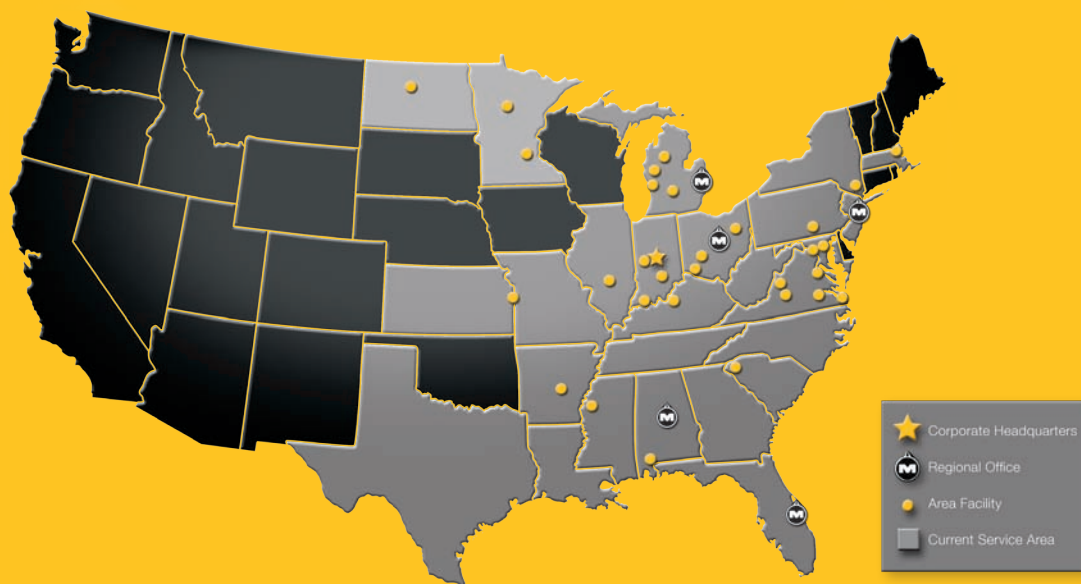
Pneumatic front-feed bursting head in conjunction with HDD bursting head

Traffic disruption can be greatly reduced by utilizing this combination.



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Miller Pipeline is one of the nation's premier natural gas distribution, transmission pipeline and utility contractors. We provide a comprehensive range of pipeline contracting and rehabilitation services for natural gas, liquids, water and wastewater pipelines. Specialty products and services for the industrial and telecommunication industries are also offered. With our corporate headquarters in Indianapolis, Indiana, and area facilities throughout the country, our steadily expanding geographic footprint enables us to ensure the availability of local resources and expertise to support your project.



Our representatives will be glad to discuss your pipeline needs. For further information, or to arrange an on-site inspection, please contact us.

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