

# PRODUCT FOCUS

## TRENCHLESS PIPE REPLACEMENT



### TT Technologies

#### Static System

Burst and replace water, sewer, gas and other pipes with the Grundoburst static pipe bursting system. The Grundoburst can pull in a variety of replacement pipe including PVC, DIP, ABS, cast iron, fusion welded HDPE and VCP jacking pipe. Pulled by a hydraulic bursting unit, the cutter head's special cutting wheels split the host pipe. Six models are available for bursting 2-inch through 54-inch pipes and larger. 800.533.2078, tttechnologies.com



### Nowak Pipe Reaming

#### Pipe Reaming

InneReam is a simple and effective system of trenchless pipe replacement. Patented by Nowak Pipe Reaming, the system was developed to utilize a directional drilling unit, specialized tooling and techniques to grind and remove the existing pipe as the replacement is pulled into place. The system places no undue stress on nearby fragile structures or paving during the installation process, consequently it also reduces stress on the installer as well. The InneReam system provides relief by: reducing costs for surface restoration; minimizing negative public reaction to projects; reducing safety hazards involved with deep trenches; and eliminating critical utility outages common with open cut methods. The system consists of the removal of in-place clay, PVC, asbestos-cement, or non-reinforced concrete pipe and the simultaneous replacement with a pipe of equal or greater diameter. Removal of the in-place pipe is accomplished by back reaming using a directional drilling machine with a cutter head. 316.794.8898, pipereaming.com



### HammerHead

#### Static System

Five HammerHead HydroBurst pipe bursting systems are available to burst and replace pipes from 2-inch through 24-inch host pipe. When coupled with the line of HammerHead Ductile Slitters, HydroBurst systems can burst even the toughest host pipes including ductile iron and steel. Lightweight, heat treated, alloy rods are proven to handle thrust loads encountered when pushing around sweeping bends, through encrusted and collapsed lines and long burst lengths. Tough and trusted, HammerHead is a recognized leader with unique answers for underground utility placement, pipe bursting and ramming since 1989. 800.331.6653, hammerhead-trenchless.com

### Ditch Witch

#### Static System



The Ditch Witch PR50, PR75, and PR95 pipe bursting systems are designed to fracture or cut most types of existing pipe -- water, sewer or utility -- and pull in new pipe with 50, 75 or 95 tons of pull-back force, respectively. Advantages of these new pipe bursting systems include outstanding durability, simplicity of operation, productivity and the ability to easily and efficiently cut or fracture most types of pipe such as clay, PVC, steel, ductile iron and cast-iron pipe and pull in new pipe that's even larger than the original -- all with minimal disturbance to the surroundings. Other standard features include quiet, fully enclosed power packs and load-sensing hydraulics that automatically shift the unit to high speed when there's no load; and downshift the unit when a load is introduced to increase machines productivity. 800.654.6481, ditchwitch.com



### TERRA AG

#### Static System

The TERRA-HYDROCRACK is a hydraulic cracking system that renews gas pipes, water pipes and sewerage lines. Due to its high thrust and pullback forces of 60 tons, it cracks or cuts PE pipes, steel pipes, cast iron pipes or even ductile cast iron pipes from 2 to 14 inches. New HDPE pipes up to O.D. 14 inches may be pulled in. Once the rods are pushed through the old pipe and then arrive at the target pit, a three-wing bursting rod, an expander cone and the new PE pipe are assembled to the rod. Then the TERRA-HYDROCRACK pulls the rods back, cuts the old pipe into three slices, enlarges the bore channel and pulls in the new PE pipe -- all simultaneously. It is even possible to push the rods into a second pipe section, as new pipe is pulled in to the first pipe section. + 41-62-751 24 52, terra-de.de



### Tenbusch

#### Push Technology

Tenbusch manufactures a line of trenchless equipment that allows the local contractor or city crew to replace or upsize existing old pipe (water or sewer). The TIM system utilizes several rigid pipe materials including - clay, ductile iron, polycrrete, Hobas pipe, steel and stainless steel. The equipment is all hydraulic and uses no percussion. This patented trenchless process requires small entrance/exit pits. Tenbusch manufactures a number of different jacking units, to accommodate a range of piping materials and sizes as well as specific job site conditions (including a jacking unit that works from within a standard manhole). The Tenbusch equipment comes as a complete package, including hydraulic power units using environmentally safe hydraulic oil and lubricant systems. 972.221.2304, tenbusch.com