



TRENCHLESS SOLUTIONS

SINCE 1956

PD-33 LATERAL PIPE BURSTING SYSTEM



DURABLE • COMPACT • ECONOMICAL • PRODUCTIVE

**THE PD-33 SYSTEM OFFERS A COST EFFECTIVE
ALTERNATIVE TO OPEN TRENCH PIPE REPLACEMENT**

Model PD-33

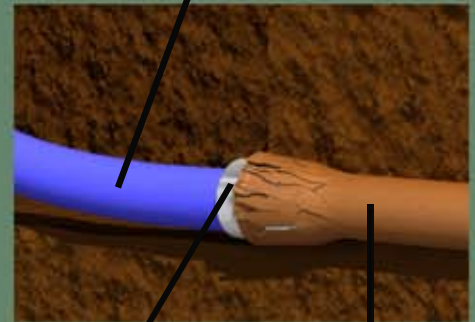
The Model PD-33 pipe burster is a fast, durable and efficient pipe replacement system. The PD-33 was designed to offer a cost effective alternative to an open trench. This machine can be used in difficult soil conditions where a pipe is to be replaced under pavement, landscaping or any area where digging is not an option. This machine features modular construction with no single part over 98 lbs.

The PD-33 will operate from a pit only 30" long, including a standard manhole. This machine is excellent in areas where space is limited. Despite its small size the PD-33 has a pulling force of 30 tons @ 3,000 psi. We manufacture a 20 hp Honda power pack for this machine. It can also be powered by a backhoe, compact excavator or any other comparable power pack. The PD-33 can replace 2" to 6" pipes. Unlike pipe lining, pipe bursting allows you to install new pipe of the same size or larger.

This machine features unique non-slip cylinder activated jaws that are designed to prevent cable damage. The PD-33 has the longest stroke of any cable bursting system on the market (24"). Long cable life and the efficiency of this machine will translate into lower operating costs from each and every job.



New HDPE pipe is installed



One head is used to burst clay, plastic, concrete, orangeburg and cast iron pipes.

Offset pipe joints, root intrusion and cracked pipes are replaced with a new pipe.

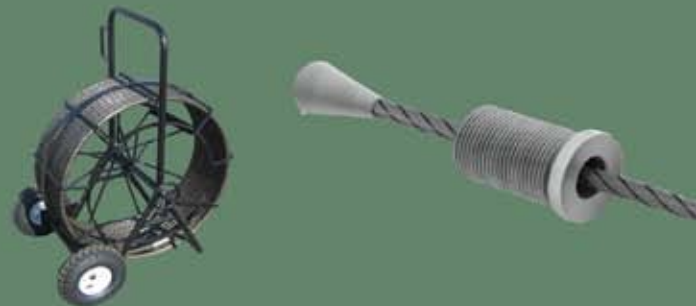
Bursting Heads

This compact versatile bursting head has a built-in pipe grip system and is only 11" long. The blades in this head are removable and replaceable. This allows you to burst with one blade for cast iron pipe, 3 blades for plastic pipe or no blades for clay and concrete pipes.



Wire Rope and Wheeled Basket

The high strength .75" swaged wire rope can be purchased in any length. The spelter on the end of our cable retains 98% of the cable strength and is field repairable. Our wheeled wire rope basket holds up to 400 feet of cable and is ideal for transport and storage of the burst cable.



Hydraulic Power Unit

Our hydraulic power pack is built with a 20 hp industrial Honda engine. This unit also features a pressure compensating piston pump to ensure great efficiency and long life. These power packs can be set up as a wheeled system or a skid mount. The power pack generates 3,000 psi @ 20 gpm.



SPECIFICATIONS

PD-33 Unit Dimensions

| | |
|--------|-----------|
| Height | 40 inches |
| Length | 26 inches |
| Width | 18 inches |
| Weight | 395 lbs |

Capability

| | |
|-----------|---------------|
| Force | 30 tons |
| Rate | 1 fpm: 2 gpm |
| Stroke | 24 inches |
| Pipe size | 2 to 6 inches |

Features

- Transported on Wheeled Valve Cart
- Out-of-Pit Machine Controls
- Compact Modular Construction
- Longest Stroke on the Market
- Non-slip Cylinder Activated Jaws
- Lower Anti-retract Jaw Assembly
- Operates from Power Pack or Backhoe

Portable Power Unit Unit Dimensions

| | |
|--------|---------------|
| Height | 36 inches |
| Length | 40 inches |
| Width | 30 inches |
| Weight | 430 lbs (wet) |

Capability

| | |
|-----------|----------------------|
| Pump Flow | 20 gpm @ 3,300 rpm |
| Pressure | 3,000 psi |
| Power | 20 hp (Honda) |
| Filter | 10 Micron Filtration |

Features

- Pressure Compensating Piston Pump
- System Pressure Gauge
- 20 hp, Two Cylinder Industrial Honda Engine with Electric Start
- Pressure Bypass Valve
- Hydraulic Oil Cooler
- 10 Gallon Frame Hydraulic Reservoir
- Single Station Controls
- Fold Down Handles for Easy Storage

ACCESSORIES



Portable Hydraulic Power Unit



Stationary Hydraulic Power Unit



Front Gate Extension



Fusion Equipment

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For More Information Contact: