



# POW-R MOLE

## TRENCHLESS SOLUTIONS

SINCE 1956



[www.powrmole.com](http://www.powrmole.com)

## LATERAL PIPE BURSTING SYSTEM



# PD-33M

**DURABLE \* COMPACT \* ECONOMICAL \* PRODUCTIVE**

### **THE MOST ECONOMICAL AND VERSATILE TRENCHLESS PIPE BURSTING SYSTEM ON THE MARKET.**

The Model PD-33M compact pipe bursting machine is designed to replace existing underground pipes from 2 to 6 inch in diameter. Its non-slip cylinder-activated jaws prevent cable damage, while developing 60,000 pounds of pulling force. The PD-33M system offers a cost-effective alternative to open-cut excavation, which reduces your customer disruption and increases company profits. The process of pipe bursting replaces the existing pipe with a fused HDPE pipe, which eliminates all joints and allows you to burst through multiple 45 degree offsets. This system is modular and can be easily disassembled and reassembled for manhole and basement applications. With a new compact design and very small footprint of only 20" x 20", this unit can be used in the tightest of locations.

## Pow-r Mole Products

Pow-r Mole products are built in the USA. We have engineered all of our equipment with simplicity and durability in mind. Pow-r Mole products are designed to minimize digging and maximize productivity.

Our Pipe Bursting Equipment is the most powerful, easy to use and effective product range available.

## Environmentally Considerate

The impact on the environment is reduced by removing the need to dig long and unnecessary trenches that damage pavement and landscaping

## Efficient

Pow-r Mole Equipment is productive, efficient, and economical.

You can operate the Pow-r Mole bursting equipment from a small pit. The equipment can be quickly set up and moved when space and access is at a premium. Typical applications are for replacing old pipes and installing new pipes running under roads, houses, driveways and landscaping.

## Customer Support

It is in our interest to make sure we provide continuous Customer Support. Whenever in doubt, just call our knowledgeable staff who will do everything within their means to resolve any issues. If necessary, our staff will assist you at your site. We want our customers to have the confidence of knowing that when help is needed it is there. We have a large inventory of parts that can be shipped same day.

## Experience

Since 1956, we have experience manufacturing Trenchless Solutions equipment. Utility companies, Municipalities, Residential and Commercial Developers, Highway and Rail Contractors all over the world have used Pow-r Mole products.



## Training

We are passionate about training. We will work with you proactively to ensure you know your Pow-r Mole equipment inside and out.

Safe handling and operation of Pow-r Mole equipment is paramount to ensure all risks are minimized.

Our training is all about making sure the end user becomes competent using their equipment productively and safely. We will guide your personnel through the training process until they are confident using the equipment in the field. We want you to maximize productivity and minimize cost.



## Model PD-33M

The Model PD-33M was designed to replace existing 2" - 6" lateral sewer lines where open trench replacement is not preferred or possible. This machine is excellent in areas where space is limited.

The PD-33M will operate from a conventional sized manhole or from a pit only 20 inches wide by 30 inches long. Despite its small size, the PD-33M has a pulling force of 60,000 lbs @ 3,000 psi and a maximum pull rate of 7 feet/minute. The PD-33M can burst up to 6-inch ID pipe in most compressible soils.

## How it works

The Model PD-33M pulls a 3/4" super swaged cable with a bursting head and new pipe attached via the bursting head's internal gripping mechanism.

An existing pipe can be replaced with the same size pipe or upsized for greater capacity, depending on soil conditions. This unit is capable of splitting from 2" to 6" pipe.

## Bursting Heads

The compact versatile bursting head has a built-in pipe grip system and is only 11 inches 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 concrete and clay pipes.

## Dual Jaw System

The PD-33M has a gripping jaw that grabs and pulls the cable on the upward stroke. When the stroke reaches its end and you begin cycling to take another stroke, the additional anti-retraction jaw grips the cable so that you maintain your full stroke without losing any of your stroke.



## SPECIFICATIONS



### PD-33M Unit Dimensions

Height	29 inches
Length	20 inches
Width	20 inches
Weight	315 pounds

### Capability

Force	60,000 pounds
Rate	7 feet/minute @14gpm
Stroke	12 inches
Pipe size	2 to 6 inches
Min/Max gpm	10-20 gpm
Min/Max psi	2,100 - 3,000 psi

## ACCESSORIES



**Cable Basket**



**Hydraulic Power Units**



**Extraction Gate**



**Bursting Heads**

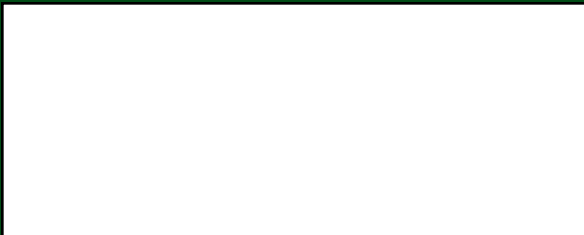


**Fusion Equipment**



**Duct Rodder**

**For More Information Contact:**



**MANUFACTURED BY:**

Pow-r Devices, Inc.  
1400 Commerce Pkwy  
Lancaster, NY 14086  
Tel: (716) 706 1057  
Toll Free: 800 344 6653