



POWER MOLE TRENCHLESS

SINCE 1956



www.powrmole.com

STEERABLE HORIZONTAL THRUST BORING



PD-4 & PD-6

STEERABLE * COMPACT * ECONOMICAL * PRODUCTIVE

THE MOST ECONOMICAL AND VERSATILE HORIZONTAL BORING SYSTEM ON THE MARKET.

Thrust boring is the best solution for installing new pipes in the ground where accuracy is critical. Power Mole Trenchless equipment uses digital or analog detection technology located in the head of the push rods to accurately establish its location underground to within inches.

Power Mole Trenchless Products

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

Our Dry Bore Steerable Thrust Boring 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.

The Power Mole is a dry bore system requiring no harmful bore lubricants.

Efficient

Power Mole Trenchless Equipment is productive, efficient and economical.

You can operate the Power Mole range of 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 Power Mole



Training

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

Safe handling and operation of Power Mole Trenchless 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

Model PD-4 and PD-6

The Model PD-4 and PD-6 were designed for use in difficult soil conditions where a pipe or cable is to be installed under a road or area which cannot be dug. These machines are excellent in areas where space is limited.

The PD-4 will operate from a pit only 50 inches long. Despite its small size the PD-4 has a thrust force of 37,714 lbs @ 3,000 psi and a maximum push rate of 9 feet/minute. The PD-4 can install up to 4 inch ID pipe in most compressible soils.

The PD-6 will operate from a pit only 56 inches long and has a thrust force of 84,822 lbs @ 3,000 psi. The maximum push rate of PD-6 is 7 feet/minute and it can install up to 8 inch ID pipe in most compressible soils.

Minimum Maintenance- Maximum life

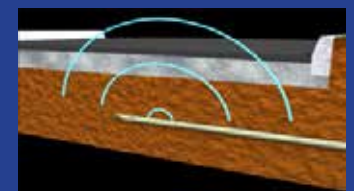
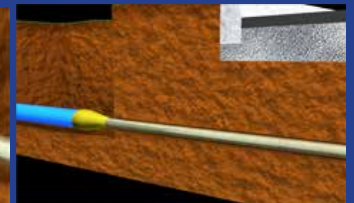
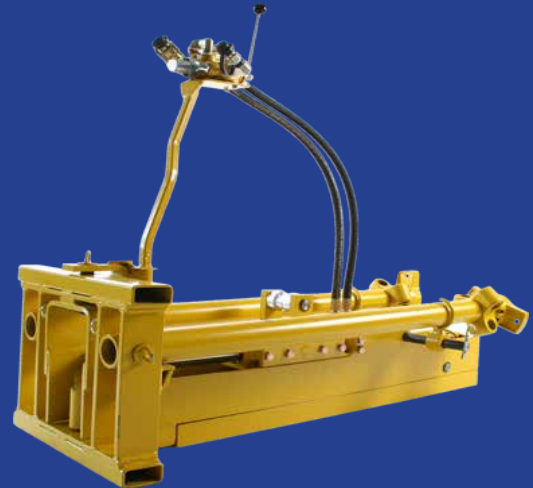
The high strength steel frame is protected from wearing forces by a chrome plated steel guide bar. The pushing mechanism slides on bronze bushings and uses special wiper seals to keep the lubricant in and the water and dirt out. The patented mechanism provides long service with a minimum amount of maintenance.

How it works

The Model PD-4 and PD-6 use a cylinder actuated positive-locking non-slip jaw assembly that provides a steady force when driving push rods. Sections of 2.5' push rods are screwed together and thrust into the ground. When the target pit is reached, the steering head is removed and the appropriate ground expander is attached. The pipe or cable that is to be installed is attached with a grip to the expander and the rods are retrieved until the pipe is installed.

Steering The Bore

The PD-4 and PD-6 use optional Digital or Analog Detection Technology located in the head of the rod to accurately establish its location underground to within inches. The detection equipment provides information that indicates the orientation, location and depth of our conically shaped steering head. This allows you to guide the rods around obstacles such as pipes, ducting and building foundations safely and accurately until the final target is reached.



SPECIFICATIONS

PD-4 Unit Dimensions

Height 15 inches

Length 46 inches

Width 18 inches

Weight 370 pounds

Capability

Force 37,714 pounds

Rate 9 feet/minute

Stroke 8 inches

Pipe size 1/2 to 4 inches

ACCESSORIES



Steering Heads and Sonde



Hydraulic Power Units



**Pull Back Expanders and
Adapters (Unlimited
Variations)**



**Shoring Push Box
(Exceeds OSHA Specifica-
tions up to 12' Deep)**



**Pipe Grips for Virtually
Every Type of Pipe**



**P1-6RT Rod Turning
Device (PD-6 Only)**

PD-6 Unit Dimensions

Height 17 inches

Length 54 inches

Width 21.5 inches

Weight 720 pounds

Capability

Force 84,822 pounds

Rate 7 feet/minute

Stroke 12 inches

Pipe size 1/2 to 8 inches

GUIDANCE EQUIPMENT



DIGITAL STEERING



ANALOG STEERING

For More Information Contact:



MANUFACTURED BY:
Power Mole Trenchless, LLC.
1400 Commerce Pkwy
Lancaster, NY 14086
Tel: (716) 706 1057
Toll Free: 800 344 6653