



# POW-R MOLE

## TRENCHLESS SOLUTIONS

SINCE 1956

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



## SERVICE LINE REPLACEMENT



# PD-22

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

**The most economical and versatile water and gas line trenchless replacement system on the market.**

**Line Splitting is the best, and least disruptive Trenchless Tecnology method of replacing 3/4 - 2" service lines. The Pow-r Mole PD-22 is a cable pulling machine designed to split and replace existing copper, plastic, and lead pipes.**

## 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.

## 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 Pow-r Mole 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-22

The Model PD-22 was designed to replace existing 3/4" - 2" copper, plastic or lead lines where open trench replacement is not preferred or possible. These machines are excellent in areas where space is limited.

The PD-22 will operate from a pit only 30 inches long. Despite its small size, the PD-22 has a pulling force of 15,000lbs @ 2,350 psi and a maximum pull rate of 3 feet/minute. The PD-22 can install up to 2-inch ID pipe in most compressible soils.

## Minimum Maintenance- Maximum life

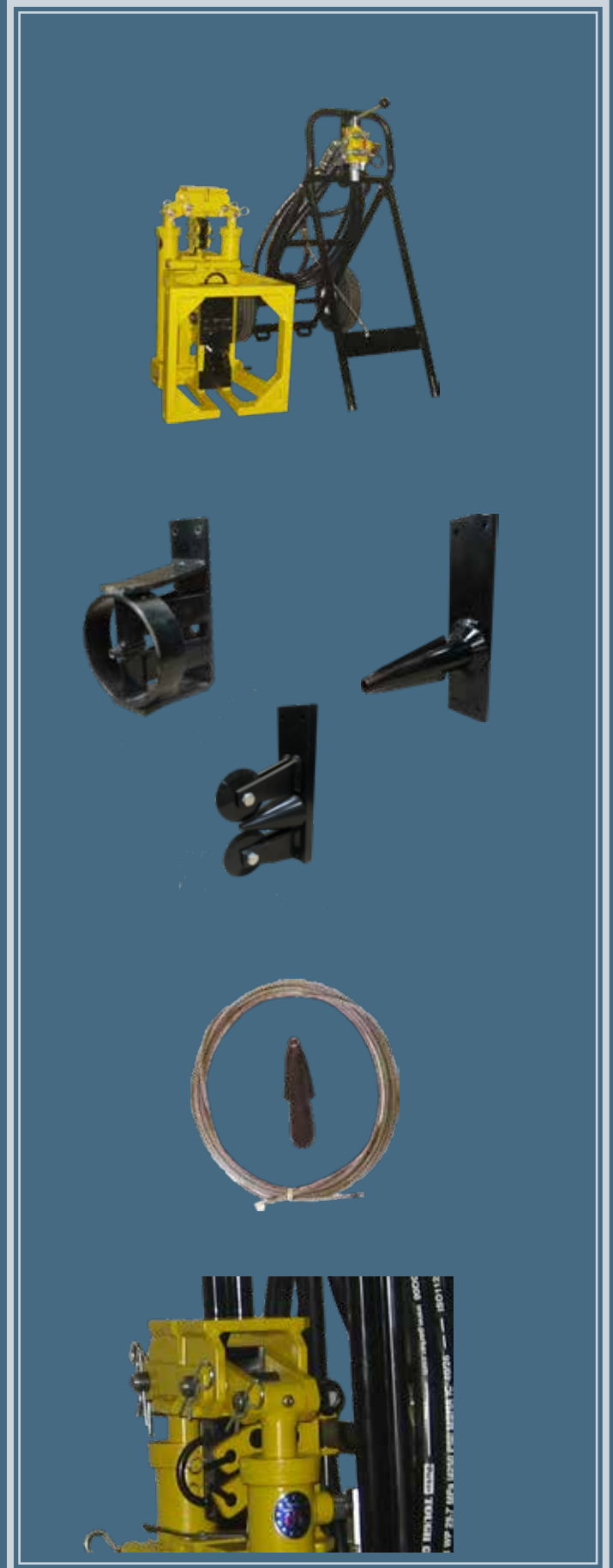
The high strength super swaged cable is protected from wearing forces by a front guide attachment and also your choice of splitter installed on the machine before the sheave(pulley). The front splitter is used where should the service that is being split starts coming toward the PD-22, then the front splitter would split the service before being wound up in the machine.

## How it works

The Model PD-22 pulls a 3/8" wire rope with a splitting head and new pipe attached at the end. 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 3/4" to 2" pipe.

## Dual Jaw System

The PD-22 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-22**  
Unit Dimensions

Height	28 inches
Length	24 inches
Width	14 inches
Weight	150 pounds

**Capability**

Force	15,000 pounds
Rate	3 fpm: 1 gpm
Stroke	12 inches
Pipe size	3/4 to 2 inches

**Features**

- Transported on Wheeled Valve Cart
- Out-of-Pit Machine Controls
- Non -Slip Cylinder Activated Jaws
- Lower Anti-retract Jaw Assembly



**Portable Power Unit**  
Unit Dimensions

Height	20 inches
Length	22 inches
Width	17 inches
Weight	140 pounds(wet)

**Capability**

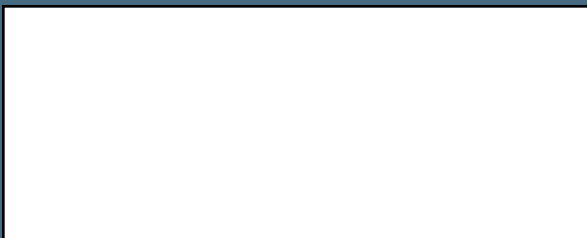
Pump Flow	6 gpm @ 2,350 psi
Pressure	2,350 psi
Power	7 HP Kohler
Filter	10 Micron Filtration

**Features**

- Two Stage Gear Pump
- 7 HP Kohler Engine
- Pressure Bypass Valve
- 4 Gallon Hydraulic Reservoir
- Single Station Controls



**For More Information Contact:**



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