



Poweram 1825 - Mini Ram II Specifications Hydraulic Rod Pusher/Puller Machine



The Poweram Model 1825 is about 1 3/4 times more powerful than the Model 1425, but it doesn't take any more space (it fits into the same shoring box)! It is a good choice for tough crossings in tight quarters. This compact machine installs new underground utilities by pushing steel rods under roadways, etc. and pulling the required pipe or cable back; and it can replace existing lines by pulling pipe splitting and/or bursting tools through the old pipe and pulling a new pipe into the same space. The new pipe can be the same size or larger than the old pipe.

The Model 1825 is normally used for water, gas, electric, telephone, and cable TV services, as well as sewer laterals, traffic signals, street lighting, and irrigation installations.

One person can operate the model 1825. It has two hydraulic cylinders controlled by one valve, which puts the operator in control of the machine and his/her own safety. The cylinders actuate the patented jaw system that grips the push rods. The centerline of the push rod is 5 inches above the bottom of the machine. The Model 1825 can pull up to 8" pipe in most soil conditions. Larger pipe can be installed in suitable soils. The longest practical distance for accuracy depends on soil conditions and operator experience. Using an electronic locating device helps the operator make critical decisions that can greatly increase productivity. We recommend using the No. 363 Safety Shoring Box to protect the operator and to provide a faster and more stable set-up.

Poweram push/pull rods have threaded joints; no couplings are required. They can be added and removed within the length of the machine. The strong, coarse threads require only 3 1/2 turns to seat. The Poweram jaw system grips the rods tightly without creating sharp, dangerous steel slivers. The 14 inch stroke cylinders pull the 3 ft. long rods in three "bites", and allow room to bring the pipe or cable into the machine to finish the pull.

MODEL 1825 SPECIFICATIONS:

- 75,400 pounds of pushing capacity at 3,000 p.s.i.
- 64,800 pounds of pulling capacity at 3,000 p.s.i.
- 18 " wide x 18" high x 52" long
- Machine weight approximately 615 pounds
- 14" stroke hydraulic cylinders (2)

ACCESSORIES: (See Poweram catalog for more detailed information about accessories)

- Safety Shoring Box
- Accessory Tote Box
- Portable Hydraulic Power Unit
- Alloy steel push rods - Solid and Hollow rods are available
- Push heads
- Expanders & Couplings for pulling up to 8" pipe
- Expanders for pulling 2 or more pipes at once
- Electronic Locating equipment
- Pipe Splitting systems for up to 4" pipe
- Pipe Bursting systems for up to 8" pipe

KEY BENEFITS:

- Compact size
- Power to pull up to 8" diameter pipe in most soils
- Cost effective

*For Sales and Service, contact your local Poweram dealer:
Trenchless Utility Equipment Inc.
2070 Queensway Drive Burlington Ontario
Ph: (905) 634-0669 Fax: (905) 634-6685
info@trenchlessutility.com*

