



## MODEL 140HW



### **HORIZONTAL EARTH BORING MACHINE**

The most economical and versatile boring machine on the market today!

The "Prairie Dog" Model 140HW allows a single operator to bore holes from 2 to 5 inches in diameter, in lengths of 50 feet and longer. It's compact design makes it easy to use in even the smallest workspaces. The versatility of the "Prairie Dog" 140HW enables you to operate either above or below the ground utilizing standard piping. The "Prairie Dog" is designed to be inexpensive to operate and requires little maintenance.

Whether you install cables or pipelines, digging trenches through existing structures is expensive and time consuming. The "Prairie Dog" line of products allows you to bore holes under existing structures easily and economically.

#### **SPECIFICATIONS:**

Weight: 26 pounds  
Engine: 1.4 hp- 2 cycle  
Spur Gear

Dimensions: 13"H x 21"L x 9.5"W  
Hand Held  
Capacity: 2" to 4" x 45 feet

Clutch: Centrifugal  
Sealed Transmission

#### **APPLICATIONS:**

C.A.T.V.  
Irrigation  
Water

Plumbing  
Telephone

Electrical  
Gas

#### **FEATURES:**

Low Environmental Impact  
One Man Operation  
Sturdy Frame  
Operates Above or Below Ground

Lightweight  
Compact  
Low Operating Cost

Inexpensive  
Utilizes ½" NPT or our Tapered  
Thread Drill Rods

### ABOVE GROUND OPERATION.



### BELOW GROUND OPERATION.



## ABOVE AND BELOW GROUND OPERATION

The hand operated "Prairie Dog" horizontal boring machine is versatile enough to perform efficiently, either above or below the ground.

In above-ground applications, it is necessary to keep at least one to two drill rod stems behind the entry point to allow for the natural sway of the pipe. The drill rod guides are then used near the entry point to maintain the position and grade of the bore. By applying minimal pressure to the drill stem, the operator walks towards the trench as the pilot bit creates the hole. As the bit travels forward, additional drill rods are added as needed. A special tool thread is used to facilitate quick assembly and disassembly of drill rods in 1-1/2 turns. During below ground operation, the operator can utilize iron pipe of any length or Prairie Dog Boring Equipment, Inc. tapered tool rods.

If space is a constraint, the operator can use shorter rods and continue to add length of pipe as the hole increases. Again, by applying slight pressure, the operator can create a hole with the rotating bit.

### New Quick Attach rail system for below ground operation



Only 7' long and 12" wide Weighs in at just under 50 lbs