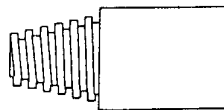




MODEL 700TWG



HORIZONTAL EARTH BORING MACHINE



Our own Special Designed

Tool Thread, Loose in 1.5 turns!

Water Lubricated System

Water assisted; drill 2" to 8" holes up to 100ft.

Specifications:

Weight: 125 pounds
Dim: 18"W x 32"H x 5 ½'L
Use 2 1/2' Drill Rods
Gasoline 4 stroke engine
Stainless Water Shaft
Sturdy Mechanical rack and pinion advance

Features:

Oil Lubricated Clutch
6.5 hp Honda Engine
Tapered tool thread
Compact
Lightweight
Cost effective

Benefits:

Low Maintenance
Reliable Honda Engine
Fast Operation
Works in congested areas
One man machine positioning

BELOW GROUND OPERATION OF MODELS 500TW, 700TWG, 700TWA, 900TW, 1200TW & 1800TW

After a boring pit and come out hole have been dug the machine is lowered into the boring pit and properly leveled and aimed. The first drill rod is attached with a pilot bit and the operator begins the drilling process. Water is used to flush the cuttings from the hole as the operator advances the drill stem and pilot bit using the smooth rack and pinion advance.

Once the entire length of the drill stem is used the operator disconnects the stem from the transmission, reverses the carriage to make room for another drill stem and continues as before advancing the bit and drill stem. Once the come out hole is reached, if the bore diameter needs to be enlarged, the pilot bit can be removed and a backreamer of proper size can be added to the end of the drill stem. At this time a cable swivel can also be added.

The operator simply reverses the procedure by pulling the drill stem and reamer back through the hole removing drill stem as each length of drill stem as it becomes completely exposed. A cable can be pulled back through behind the back reamer. Once the bore is completed the pipe can be either pushed through the hole or pulled using the cable. The speed at which the pilot and reamers usually produces a nice slurry that will help lubricate thus easing the pipe installation.

With all machines, in very granular soil or rocky conditions, drillers mud such as Baroid Aquagel can be mixed and pumped through the drill stem and bit to either stabilize the hole or provide a slick slurry to facilitate the installation of the pipe.

As the need for boring increases, a dependable and versatile boring machine can be the difference between profit and loss on a job. The “Prairie Dog” is the one boring machine you can depend on.

Buy a “Prairie Dog” today and start saving money tomorrow!

Prairie Dog Boring Equipment, Inc.

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