

PATHFINDER SPECIFICATIONS

The Pathfinder Guided Boring Machine (GBM) system is the perfect addition to your boring machine. We've combined the proven technology of a pilot tube steering system with the dependability of a conventional auger boring machine. This results in an impressively accurate casing installation up to 48" diameter. The Pathfinder is powered by a conventional auger boring machine, eliminating the need for a secondary power source. Our Pilot Tubes can be guided from launch to receiving pit while being steered with, not only a 45 deg. Steering Head but a wide assortment of conventional HDD tools including Hammers. In addition, our Pilot Tubes utilize a modified 3-1/2" API or 4-1/2" API threads that can be used for pulling conventional HDD hole openers.

HYDRAULIC OPERATORS CONSOLE

Fitted with rotation and thrust limiters and a video surveillance monitor for clear vision of rod alignment in the breakouts.

ROBUST BREAKOUT SYSTEM

Plenty of clamping force to break even the stubborn joints.

FLUID DELIVERY SYSTEM

Designed to reduce torque and skin friction on the drill stem.

ON BOARD CRANE

Equipped with tethered remote control.

HEAVY DUTY ROTARY BOX

Equipped with a built in thrust bearing and a bored spindle for direct line of sight to cutting head.

PF500

MAX THRUST FORCE 282,000 Lb.
MAX PULLBACK FORCE 130,000 Lb.
ROTARY TORQUE 19,000 Lb.
ROTARY SPEED 0 - 19 RPM
GUIDANCE SYSTEM Video Surveillance
(Line of Sight)
PILOT TUBE THREAD SIZE 3.5" Modified API
PILOT TUBE DIAMETER 5"
PILOT TUBE LENGTH Variable

PF1000

MAX THRUST FORCE 500,000 Lb.
MAX PULLBACK FORCE 183,000 Lb.
ROTARY TORQUE 40,000 Lb.
ROTARY SPEED 0 - 40 RPM
GUIDANCE SYSTEM Video Surveillance
(Line of Sight)
PILOT TUBE THREAD SIZE 4.5" Modified API
PILOT TUBE DIAMETER 6.5"
PILOT TUBE LENGTH Variable

