GRUNDOFIT®
STEERABLE BORING SYSTEM

PIT-LAUNCHED
MINI-DIRECTIONAL DRILL
ACCURATE & POWERFUL

Pit-launched Mini-Directional Drilling!
The GRUNDOFIT® pit-launched mini-directional drill from TT Technologies is the ideal solution for difficult sewer, water, electrical, phone/CATV, service and lateral line installations. The highly compact GRUNDOFIT® can be operated from a small launch pit. The powerful unit is capable of completing bores up to 150 feet and installing pipes up to 8 inches in diameter. Its lightweight, compact design makes it easy to transport from jobsite to jobsite.

Wide Range of Backreamers Available
**GRUNDOPIT®**

Steerable Boring System

The GRUNDOPIT delivers 13,489 lbs. of thrust and pull back and up to 1,106 ft. lbs. of torque with bore length up to 150 feet. At 54 inches long, 43 inches wide and 57 inches tall the GRUNDOPIT can operate in the tightest working conditions. Telescopic bracing supports anchor the GRUNDOPIT allowing for perfect alignment and maximum thrust and pull back. Only a minimal crew is required for operations.

**Bicone Drill Bits**

Bicone drill bits are ideal for small diameter boring through a variety of challenging soil conditions. The cone type bits are mounted on bearings that roll and chew through soil during the drilling process, keeping directional bores on target.

**Complete Power Package- 225 Combo Power Pack**

The GRUNDOPIT trailer package includes the GRUNDOPIT unit and a 225 combo power pack and GRUNDOMUDD Bentonite mixing and delivery system. The unit also comes with 30 drill stems, bore head with angled steering surface, backreamer and swivel coupling and hose package.

**Lock & Load**

The GRUNDOPIT features a patented instant plug-in lock that holds the drill stem in place. The instant plug-in lock system allows new drill stems to be added easily by quickly engaging the new drill stem at the rotational motor. This means that new drill stems are only screwed into the lead stem and not the rotational motor, cutting the time it takes to add a stem in half.

**GRUNDOPIT Specifications**

- **Length:** 54 inches
- **Width:** 43 inches (24 inches for transport)
- **Height:** 57 inches (32 inches for transport)
- **Weight:** 992 lbs
- **Effective Rod Length:** 29 1/2 inches
- **Weight of drill stem:** 13 lbs
- **Thrust & Pulling Force:** 13,489 lbf
- **Torque:** 1,106/553 ft lbs
- **Spindle Speed:** 75/150 rpm
- **Hole Diameter (Max):** 10 inches
- **New Pipe Diameter (Max):** 8 inches
- **Bore length:** 150 feet

**Combo Pack Specifications**

- **Length:** 66"
- **Width:** 48"
- **Height:** 48"
- **Tank Capacity:** 225 gallons
- **Drill Fluid Flow:** 0–10 gpm
- **Drill Fluid Pressure:** 0–800 psi
- **Hydraulic Flow:** 10.5 gpm
- **Hydraulic Pressure:** 3,625/3,770 psi
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