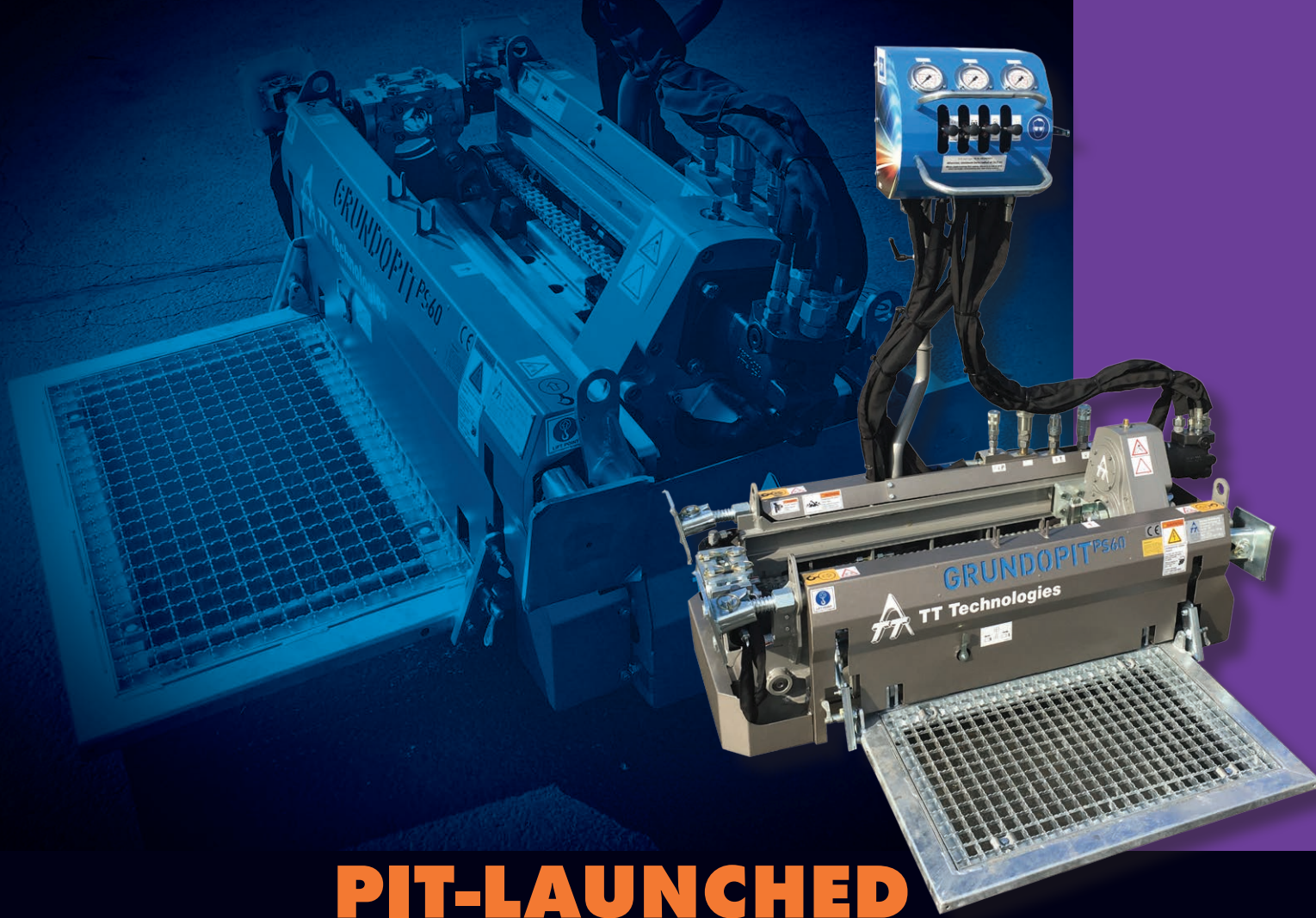


GRUNDOPIT

STEERABLE BORING SYSTEM



PIT-LAUNCHED MINI-DIRECTIONAL DRILL ACCURATE & POWERFUL

Pit-launched Mini-Directional Drilling!

The **GRUNDOPIT** 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 **GRUNDOPIT** 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 light weight, compact design makes it easy to transport from jobsite to jobsite.



Wide Range of
Backreamers Available



TT Technologies



GRUNDOPIT

Steerable Boring System

The **GRUNDOPIT** delivers 13,489 lbs. of thrust and pull back and 553 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. Four hydraulically operated 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

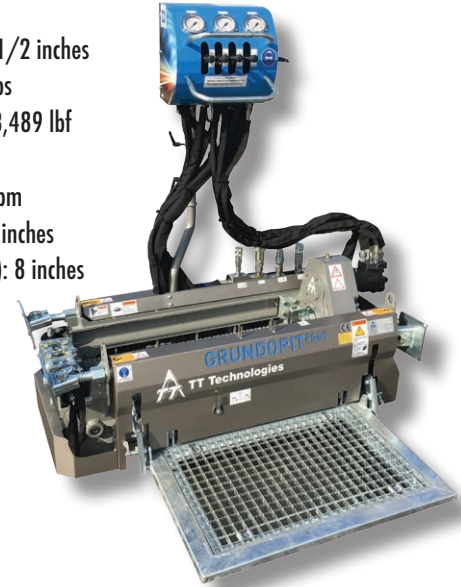
The **GRUNDOPIT** features a patented instant plug-in lock that holds the drill stem in place.

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: 1106/553 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"
Combo Pack: 200 gallons
Drill Fluid Flow: 0 - 8 gpm
Drill Fluid Pressure: 0 - 800 psi
Hydraulic Flow Max: 16 gpm
Hydraulic Pressure: 2600 psi

