

AIR VACUUM EQUIPMENT

Our air vacuum system works by exploding the soil from within, using high pressure air. The soil is then vacuumed and store in large canisters for easy backfilling. The operators are able to use air 95% of the time but have the option to switch to water if required. The air vacuum system allows you to dig faster, easier, and safer in soil that's hard, wet, sunbaked or compacted. Combined with our truck or portable concrete core drills for fast, safe and effective utility clearance.

CAPABILITIES

- Borehole Clearance
- Underground Utility Location/Pot-holing up to 16"
- Cathodic Protection Installation

FEATURES

- Powerful air digging action and specially designed nozzle to break up hard soil.
- Selectable air or water digging
- Rear-mounted soil collection canisters keep dry and wet spoils separate
- Hydraulic powered tanks to empty spoils.
- Quiet operation due to absorption chamber silencer.
- Automatic monitoring system
- Reverse-flow air automatically cleans filters

BENEFITS

- Air is faster in most soils.
- Air is much safer.
- With air, spoils stay dry for backfilling.
- Air won't damage underground utility lines or road base.
- Air eliminates costly mud disposal.



The air excavation system utilizes kinetic energy in a high velocity air stream to penetrate, expand, and break up soil.



The high-pressure/high-volume air combined with the specially designed nozzle breaks up the hardest soils in record time.



QUALITY • SAFETY • VALUE

Web Site: www.pitcherdrilling.com