



HDD Series Vacuum Excavators

HDD 650 - HDD 1450 - HDD 2000

How much does a utility strike cost your company? For a utility supplier there is the disruption to supplies, the lost revenue, the negative publicity and the customer service issues. For a contractor there are serious cost implications, project delays, and the potential damage to its relationship with its client. Above all, however, utility strikes can injure operatives and members of the public. Sadly, in some cases, utility strikes can kill. We can stop all of this..

Vacuum Excavation is an intrinsically safe system for uncovering and exposing the threat from buried services, and a flexible option for removing material from awkward or sensitive areas. These small machines range from trailer units towed by Land Rovers, up to 7.5t truck units and are ideal for slip trenching, bore holes and trial pits. Machines capable of safely excavating 15m³ per 8 hour shift.

How does Vacuum Excavation work?

1. High pressure water (up to 4000psi) is used to safely disrupt/break up the sub-surface, water at this pressure is a very effective digging tool and will easily break down clay, PFA and other cohesive geology types without any risk of damage to services.
2. After de-compaction of sub base material has been achieved by the hydro-jet, the loosened spoil can be safely removed by high performance vacuum; if access is limited the vacuum excavation unit is capable of working distances of up to 100m from the excavation.
3. After the excavation is complete the recovered material is safely contained in a water tight spoils tank or in-line interceptor, this can then be used for back fill or if contaminated transferred for removal.



HDD650

- 4000psi Hydro Jet System
- 650cfm Positive Displacement Vacuum System
- 1m³ Water Tight, Hydraulically Operated Spoils Tank
- 35hp Kubota Diesel Engine, c/w Spark Arrestor & Chalwyn
- Fully Enclosed and Sound Proofed Engine Compartment
- 30m Working Distance from Excavation
- Skid, Modular, Trailer or Truck Mountable Format
- Cold Weather Antifreeze Package
- Emergency Vacuum and Engine Brake
- 3"- 4" Vacuum Pipe System

HDD1450

- 4000psi Hydro Jet System
- 1450cfm Positive Displacement Vacuum System
- 1.5m³ Water Tight, Hydraulically Operated Spoils Tank
- 66hp Kubota Diesel Engine, c/w Spark Arrestor & Chalwyn
- Fully Enclosed and Sound Proofed Engine Compartment
- 50m Working Distance from Excavation
- Available in Skid, Modular or Truck Mountable Format
- Cold Weather Antifreeze Package
- Emergency Vacuum and Engine Brake
- 4" Vacuum Pipe System

HDD2000

- 4000psi Hydro Jet System
- 2000cfm Positive Displacement Vacuum System
- 2m³ Water Tight, Hydraulically Operated Spoils Tank
- 100hp JD Diesel Engine, c/w Spark Arrestor & Chalwyn
- Fully Enclosed and Sound Proofed Engine Compartment
- 70m Working Distance from Excavation
- Skid, Modular or Truck Mountable Format
- Cold Weather Antifreeze Package
- Emergency Vacuum and Engine Brake
- 5" Vacuum Pipe System

