

Stock Hydro-Vacuum Safe Excavation equipment was initially designed and developed with the support of Northumbrian Water, we were tasked to provide them with a quick and efficient form of safe excavation. They highlighted to us that the use of Air Vacuum excavators was of very limited use to them, this was because air lances did not cut through or breakdown clay, then saturated spoil and large amounts of water blocks the filters, reducing suction and performance, the washing and cleaning of the filters in these air-vacuum excavators was then time consuming and costly, they were complicated and only available with an operator, rendering them unpractical and not financially viable to use day in day out.



Stock Hydro-Vacuum excavators have been designed to use pressurised water to break the ground down, effectively using water to dislodge the soil, water is inherently better at cutting through hard firm clay. Wet suction machines do not require filters as water naturally suppresses dust, meaning they do not suffer from this reduced suction performance, no matter how saturated the spoil is.

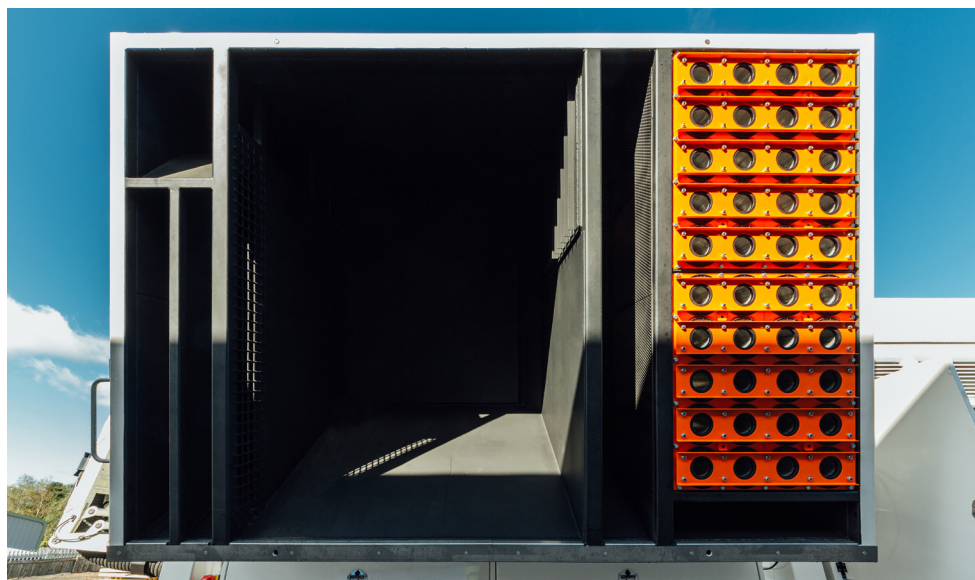
Airborne particles and dust are in the news a lot lately and have been proven to contribute to many modern health issues. Air vacuum excavators can easily cause dust to be blown into the air, adding water to the excavation process means the Stock Hydro-Vacuum Safe Excavator remains completely dust free and will not be a contributing factor to airborne dust health issues.



Mechanical or hand digging is currently accepted as the industry norm for smaller applications, yet they are the single biggest contributor to utility strikes and personal injury, the Stock Hydro-Vacuum Safe Excavation equipment range offers a much safer alternative, significantly reducing risk of service strikes and injury.

Stock Hydro-Vacuum Safe Excavators do not require the filter banks. Our equipment is rear tipping and does not need the heavy stabilizer legs which are required during side tipping of large Air-vac machines. These design efficiencies have enabled huge reductions in body weight, leading to us manufacturing a range of equipment mounted on 3.5t – 18t chassis.

Being more compact they are not such a hindrance in small or narrow roadworks or busy streets, reducing delays, diversions, unnecessary roadworks and traffic lights, consequently reducing repair times and keeping any inconvenience to the public to a minimum. We have purposely designed our equipment to be simple, easy and safe to use, for the standard operator. All of which significantly reduces costs and contract penalties.



Having smaller, easier access, chassis mounted equipment with great excavation qualities, now makes vacuum excavation a safer more suitable and effective for more operators and utility contractors.

Being much lighter and less complex in build and by being provided to the market place on convenient contract hire packages, Stock Rentals now makes vacuum excavation affordable to any company with regular requirements to excavate safely in the vicinity of buried services, ground of significant importance or where tree roots could be damaged.

