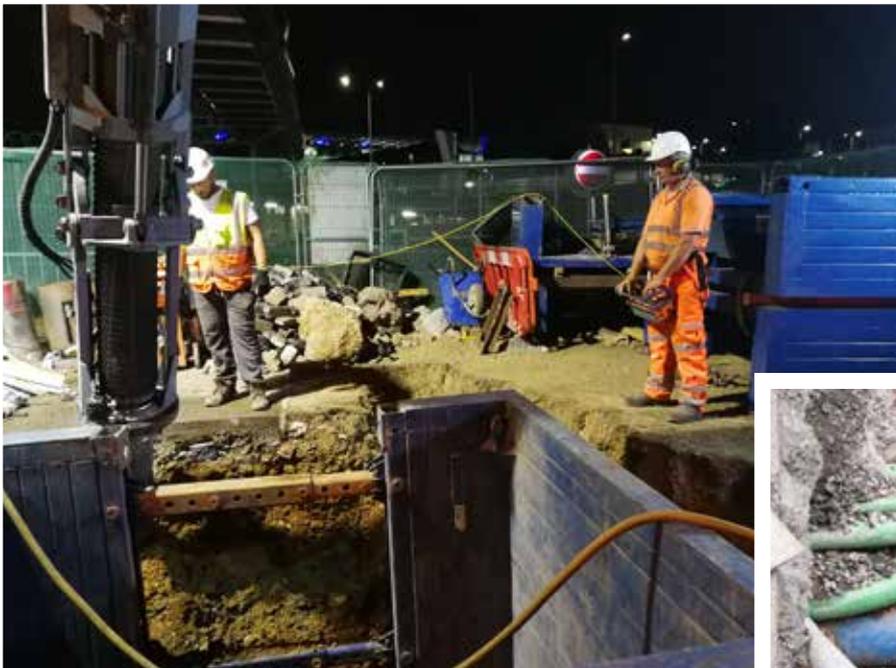




**Nationwide Suction  
Excavation, with  
24/7 emergency call  
out service, in one or  
two man teams.**

We can operate vehicles from  
14 and 26 tonne, right up to  
32 tonne.

[www.suctionexcavationuk.co.uk](http://www.suctionexcavationuk.co.uk)



# About Suction Excavation UK

Suction Excavation UK Ltd provide vacuum/suction excavation with nationwide coverage and a 24/7 emergency call out service, in one or two man teams.

We are available for free site consultations anywhere in the UK to assess and help you plan your projects. Operating from various UK locations, so we are never far away. We can operate vehicles from 14 and 26 tonne, right up to 32 tonne. Each machine comes with a vast selection of fan arrangements to suit your requirements and different back arms for every application.

Suction Excavation UK are constantly pushing the boundaries of Suction Excavation. We are constantly using new equipment, striving towards non-mechanical excavation.

## We are continuously improving site safety across a wide range of industries

Call us on **07375 918740**



# What is Suction Excavation?

**Excavation is a necessary part of below-ground construction. It's primarily used to create building foundations, but is also commonly during the laying and maintenance of below-ground pipe and cable systems.**

It's one of the more risky aspects of civil engineering and can be both costly and disruptive so there have, over the years, been a number of innovations designed to improve the effectiveness of the excavation process whilst minimising its environmental impact and reducing cost across the board.

One such innovation was that of vacuum excavation, a relatively new technique designed to improve excavation speed whilst reducing associated health and safety risks. Instead of using machinery to haul out soil, a high powered suction system is instead employed to remove all unwanted materials, both solid and liquid, from the excavation site.



## How does Suction Excavation work?

When carrying out vacuum excavation, a blast of air is first directed into the site in order to loosen soil and break up any large materials.

Afterwards, an air vacuum hose is passed into the site and used to suck the loosened materials out of the hole and into a specially

designed tank, ready to be transported elsewhere or saved for refilling the site later.

Because vacuum excavation technology is relatively low-impact and non-destructive, it's fast becoming the preferred excavation method for fuel and energy distribution industries, as well as other industries for whom both human safety and environmental impact are major factors.

It's also been successfully deployed in situations where congenital digging equipment has been deemed inappropriate, or areas which are inaccessible to larger machinery.

# Why use Suction Excavation?

Because vacuum excavation has so much less of an environmental impact than its traditional mechanical counterparts, it's a great choice for anyone with a vested interest in protecting their green credentials.

It also reduces the need for manual hand digging, thereby lessening the associated health risks for construction workers on site. Most importantly, for both industry operatives and the general public, vacuum excavation is exponentially faster than other excavation methods, which is essential for reducing disruption to homes, businesses and services, especially within urban areas.

Finally, because vacuum excavation is so precise, it is much easier to carry out repairs once the excavation has been completed, which again has a positive knock-on effect on the surrounding environment, as well as any nearby business owners and residents.



## Suction excavation is perfect for...

- ✔ Safe excavation around buried pipelines and cable networks
- ✔ Rail ballast removal
- ✔ Water treatment filter bed clearance
- ✔ Roof clearance
- ✔ Basement work
- ✔ Culvert clearing
- ✔ Emergency repair service for all pipeline and utilities network
- ✔ Deep Excavation and confined spaces
- ✔ Deep Excavation and confined spaces
- ✔ Sewer clearance
- ✔ Clearing around tree roots
- ✔ Long distance work



## Health & Safety Events

As part of our commitment to Health and Safety, we are involved in safety stand down days with some of our clients. These events prove to be a huge success, where we explain the safe working practices and the key safety features and requirements when working with or near our Suction Excavator team. We are always available to all existing and new clients to assist and attend your safety events to help you understand the best practices to be adopted when using Suction Excavation.



## Specialist Suction Excavation

Each of our machines come with a vast selection of fan arrangements to suit your requirements and different back arms for every application. We are pleased to be able to offer a specialist Suction Excavation department. This method can be adapted to fit any size machine offering our clients the versatility of the tracked excavator and the safety of suction to achieve their end goal safely and quickly.



## Extension Pipes

Extension pipes can be used to reach the required depth, again proving how versatile the suction excavation trucks really can be. All jobs are completed safely by our highly trained Suction Excavation Team.

**We are continuously improving site safety across a wide range of industries**

Call us on **07375 918740**



**Nationwide Suction  
Excavation, with 24/7  
emergency call out service,  
in one or two man teams.**

By the means of high volume air flow, together with highly trained suction/vacuum specialists, surveyors, operators and engineers we are able to assist on a number of excavation projects.

Call us on  
**07375 918740**

Email us on  
**info@suctionexcavationuk.co.uk**

**www.suctionexcavationuk.co.uk**