



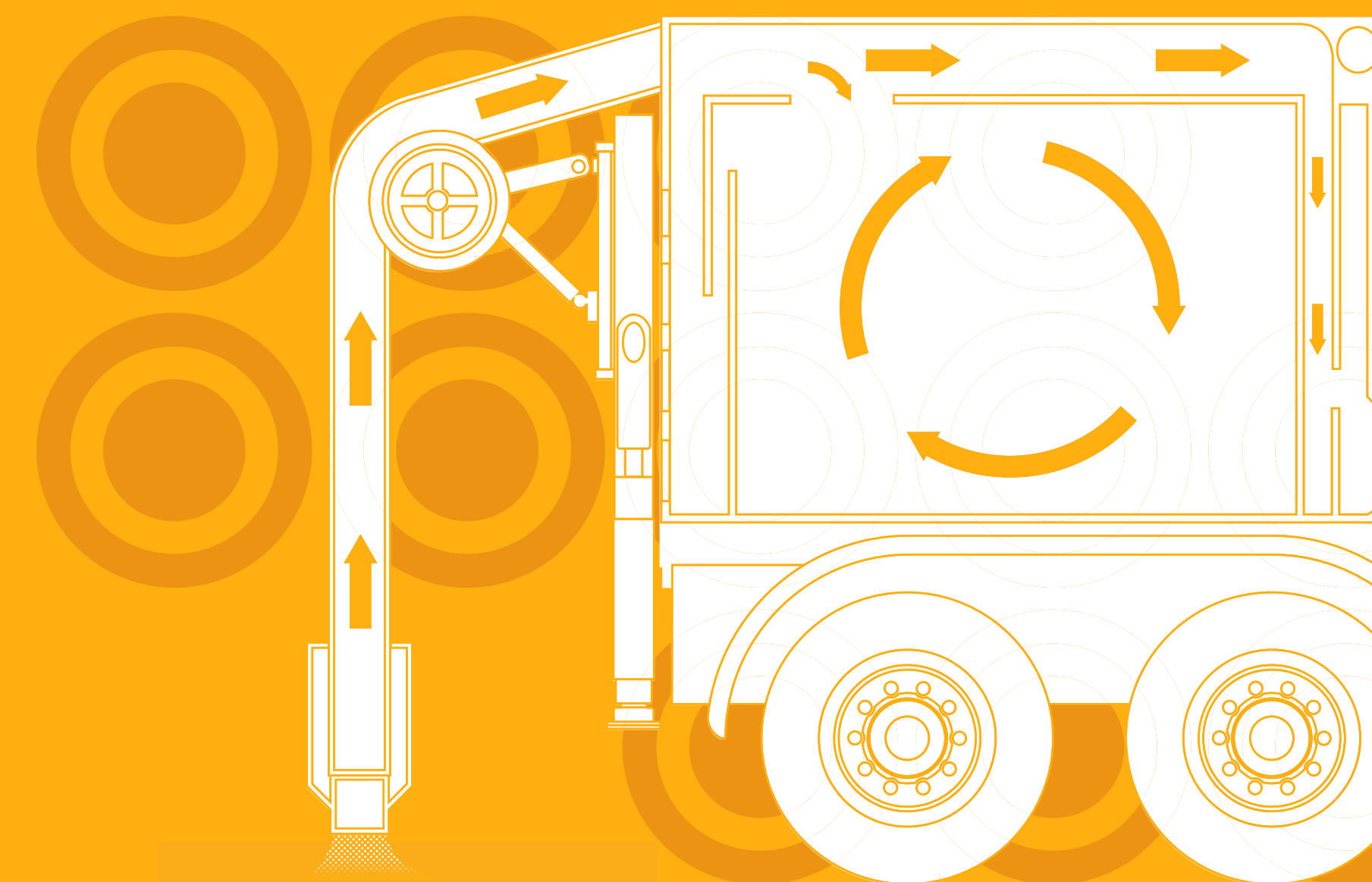
CONROY

Eliminating utility strikes.

For safer excavations in civil engineering, utilities, environmental and industrial applications.

Up to 12 times faster than manual excavation, and provides:

- reduced service pit dimensions
- reduced tipping charges
- reduced reinstatement costs
- reduced environmental damage
- reduced risk of injury to digging teams
- a reduction in grab support
- a reduction of barriers
- cleaner sites



Deep Excavations

Extension hoses can be added.



Petrochemical

Fitted with Chalwyn valves and spark arrestors.



Tipping

Materials contained ready for tipping.



Water

Up to twelve times more productive than manual excavation.



Gas and High Voltage

Careful excavation around gas and HV electric cables.



Electric and Communications

Neater finish and less of the highway is lost to excavation.



Hazardous Waste Removal

Fully sealed unit enables the removal of contaminated materials.



Substations / Power Stations

Non invasive digging offers safe excavations within substations.



Environmental

The only approved method of excavation around protected trees.



Trackside Maintenance

Ideal for trackside maintenance with spoil loaded directly into excavator.



City Centres

Less disruption to traffic flow in towns and cities and on major highways.



Industrial

Effective reach in many areas where mechanical excavation is impossible.



For further information, or to see an excavator at work, please contact us on 01754 766 499. Alternatively visit www.conroygroup.co.uk for our excavation photos, videos and case studies.

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Suction Excavator Hire

Innovation in excavation for petrochemical works, power stations, substations, city centres, utilities, MOD properties, trackside maintenance and environmental projects.

Increasing health, safety and environmental performance when undertaking excavations.

As the UK's leader for innovative utility equipment solutions and technology, our activities are based on a number of driving principals producing cost savings through sustainable and pioneering solutions. This culture is ingrained throughout our business and our aim is to set industry standards when it comes to innovation, adding value, providing excellent customer service and ensuring Health and Safety at all times. With this in mind, the Conroy Group took delivery of the first Suction Excavator in the UK back in 2006 and has steadily increased its fleet whilst remaining at the forefront of technology.



Suction or vacuum excavation (often known as 'vac ex') is a way of safely digging around buried utilities, including gas, electric, water, telecoms and fibre-optics. Being non-aggressive and non-invasive, it's a method of removing the soil, earth or other covering material by means of high-volume air flow.

The speed and flexibility of suction excavation is ideal for works in high-profile locations. Telescopic reach and flexibility is effective in many areas where mechanical excavation is compromised.

The Vac Ex should always be used for excavations where the location of any buried underground services are unknown. How often do we find utility drawings are inaccurate? As we are all too aware, underground service strike can lead to injury or loss of life and the costs to your business can be substantial. Insurance companies investigating claims/strikes are now asking why a Suction Excavator wasn't used.

The HSE guidelines now deem Suction Excavation as a safe method of excavation, do you? HSG47 Avoiding danger from underground services quotes, "This guidance applies to situations where underground services may be found and where work involves penetrating the ground at or below surface level, where buried services are widespread and it should be assumed they are present unless it has been shown otherwise."

Innovation in Excavation, the only safe alternative...

Environmental

Liquid waste can be easily removed through suction excavation, preventing pollution to land or watercourses.

Using a suction excavator allows the separation of hazardous and non-hazardous waste.

The dust-free exhaust outlet system ensures all dust is captured at source and transferred to the excavator, reducing risk to the public and others.

Suction excavation noise levels are well below that of conventional plant and equipment associated with this type of activity.

Health & Safety

Slips, trips and falls are greatly reduced due to no excavated material being stored within the work area. All materials are immediately transported to the suction excavator.

Manual handling injuries are all but eliminated due to the operation not requiring manual excavation, or plant and equipment having to be moved to and from the work area.

The risk of hand-arm vibration is substantially reduced as manual excavation, and the use of conventional plant and equipment, is almost eliminated, thus reducing risk of injury to digging teams.

Public safety is greatly increased due to smaller excavations, shorter project durations, a reduction of plant and equipment on-site, plus the elimination of excavated material reduces required works area.

