



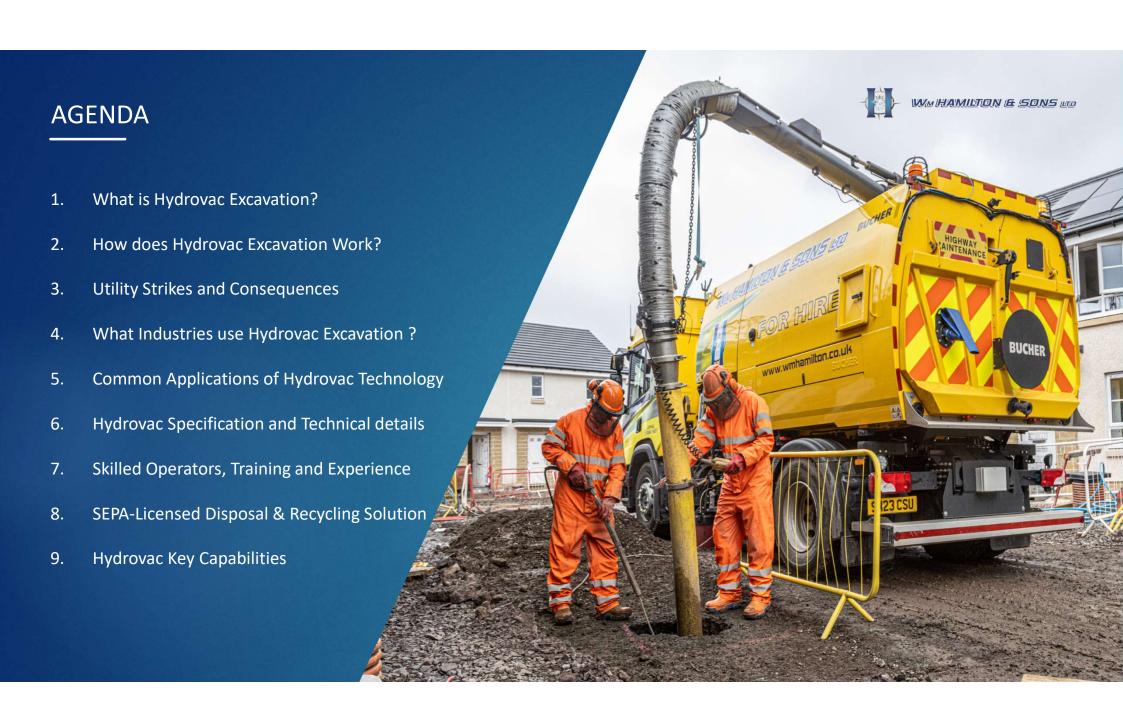
HydroVac Services

Protecting Infrastructure, People and the Environment

The Smart, Safe Alternative to Traditional Digging



WM HAMILTON & SONS LTD



WHAT IS HYDROVAC EXCAVATION?

Hydro-vacuum excavation is a safe, non-destructive, soft-touch method of excavation

- Non-destructive digging no risk of damage
- Safe working around underground services
- Reduces service strikes
- Precise and controlled excavation
- Versatile across various applications
- Efficient and time-saving excavation process
- Cost-effective one machine, multiple uses







Utility Strikes and Consequences

The Effects of Utility Strikes

o Safety Hazards – Injury, electrocution, fire, explosion

 Health & Safety Risks – Harm to workers and the public

Service Disruptions – Power, water, gas, internet outages

 Project Delays – Stoppages, rescheduling, repairs, H&S investigations

Financial Costs – Fines, legal claims, higher insurance

o Reputational Damage – Loss of trust, bad publicity

Environmental Impact – Leaks and contamination



What Industries use Hydrovac Excavation?

Local Authorities:

 Road construction, maintenance and public infrastructure upgrades.

Housebuilding:

Safe trenching and exposing plot service connections.

Utility & Construction:

o Locating and exposing gas, water, electricity and telecom lines.

Civil Engineering & Groundworks:

• Accurate, non-destructive excavation around complex site infrastructure.

Highways:

 Excavations include lighting column foundations, electrical cabling and underground services such as drainage, water, telecom and gas.



Applications of Hydrovac Technology

- Utility Location: Identifying and exposing underground utility lines for repair or maintenance.
- Trenching: Excavating narrow trenches for installing new utility lines alongside highways
 with minimal disturbance to surrounding soil
- Potholing/Daylighting: Creating precise test holes to verify the location and depth of underground utilities or structures without heavy excavation.
- Working in congested areas: Hydrovacs are capable of manoeuvring through restricted work spaces and around obstacles where traditional equipment may have difficulty, including air-vacuum system.
- Sign/Light Pole Installations: Excavating precise holes for installing highway signs, light poles and guardrails.



Hydrovac Specification and Technical Details





Trained & Certified Hydrovac Teams



Hydrovac operators undergo specialised training to ensure safe, efficient and compliant excavation projects.

Key Competencies & Accreditations:

- NPORS Suction Excavator
- CSCS: SVQ Level 2 in Construction Operations
- WJA Water Jetting Association Certified
- o EUSR National Water Hygiene Card
- Scottish Water DOMS (Distribution Operations Maintenance Strategy)
- o HGV Class 2 Licence Holder
- Driver CPC Certificate of Professional Competence

Our Hydrovac teams combine technical skill, safety awareness and regulatory compliance to deliver exceptional excavation services.



 £5m Wash Plant complete with Effluent Treatment will enable us to recycle inert material using Industry-leading technology.

Tonnage: 80-100tph

Material: C&D Waste, Road Sweeping & Gully Waste

Output: Recycled Sands, Aggregates

• Fully closed loop water recycling system.

This new facility further demonstrates Wm
 Hamilton's contribution to the circular economy by increasing recycling rates and reducing the amount of waste going to landfill.

 Transforming waste into valuable, high-quality Recycled products.

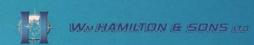
 Excavated material is classified and processed under EWC Code 17 05 04



Hydrovac Key Capabilities



- O Hydro-Vacuum Excavation Safe, non-destructive digging for utilities and sensitive areas.
- o **Effective in Hard, Compacted and Saturated Ground** Performs well in challenging ground conditions.
- o **Road Sweeping** Keeps roads, construction zones and industrial sites clean and compliant.
- o Gully Maintenance Removes silt, debris and clears blockages.
- o **High-Pressure Hand Lancing** Cleans grime, oil and debris from roads and hard-to-reach areas.
- o Skater Surface Cleaning Deep-cleans concrete and porous surfaces without damage.
- Waste Disposal All waste removed to SEPA-licensed facilities.
- O Sustainable Operation Hydro Excavation with Built-In Cleaning Capabilities post operation





QUESTIONS?



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