


Reducing Service Strikes & Improving Safety with Vacuum Excavation

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The background image shows a close-up view of an excavation site. Several pipes of different materials and colors (brown, blue, and red) are visible, some with flanges. A yellow caution tape is partially visible on the left. The ground is muddy and uneven.

What is Vacuum Excavation?

Utility Strike Statistics

- 1.5 Million excavations in UK / year
- 60,000 strikes in UK / year
- Average direct cost £4000 / strike
- With indirect costs £100,000 / strike
- Service strikes / year in UK cost £6 billion



Using Traditional Dig Methods







Damage is
Not Just
Limited to
Existing
Services &
Assets.



Benefits of Vacuum Excavation

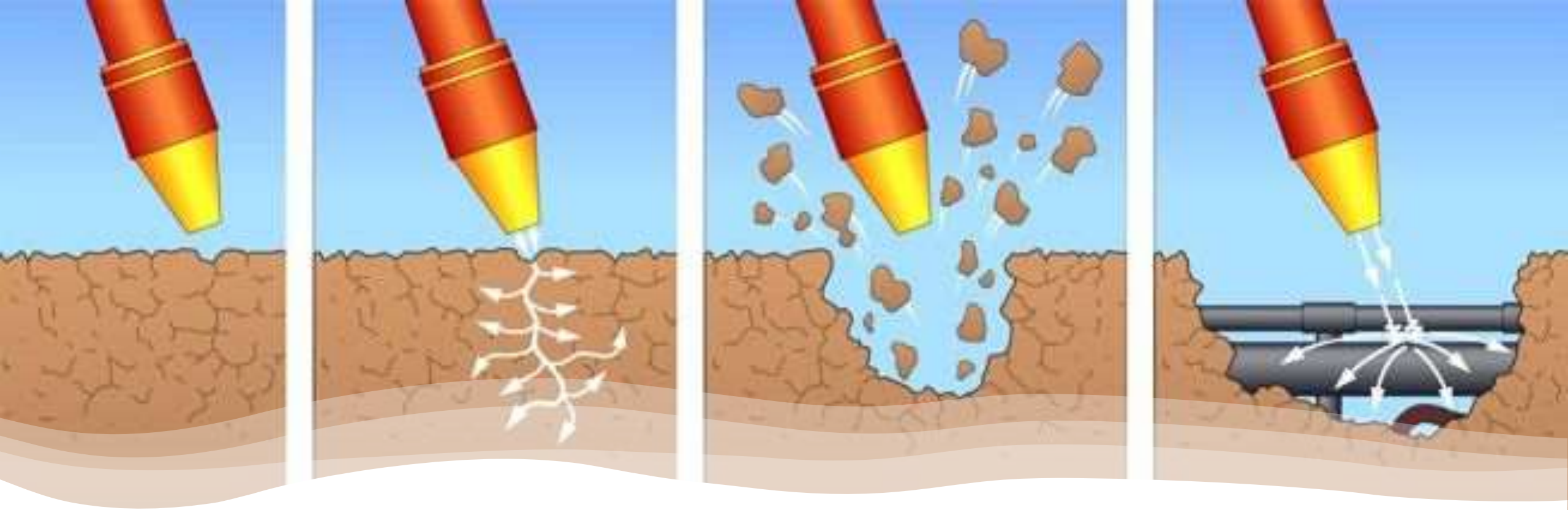
- Excavate around all existing services and tree roots without damage
- On average 4 times faster than hand dig
- Reduction in musculoskeletal stress and fatigue when compared to hand digging
- Cheaper than hand dig
- Material stored in the machine
- Reduce time men are in the excavation
- No HAV's
- Allows for smaller excavations











How Does the AIR-EX Work?



AIR-EX or Water Lance





The AIR-VAC



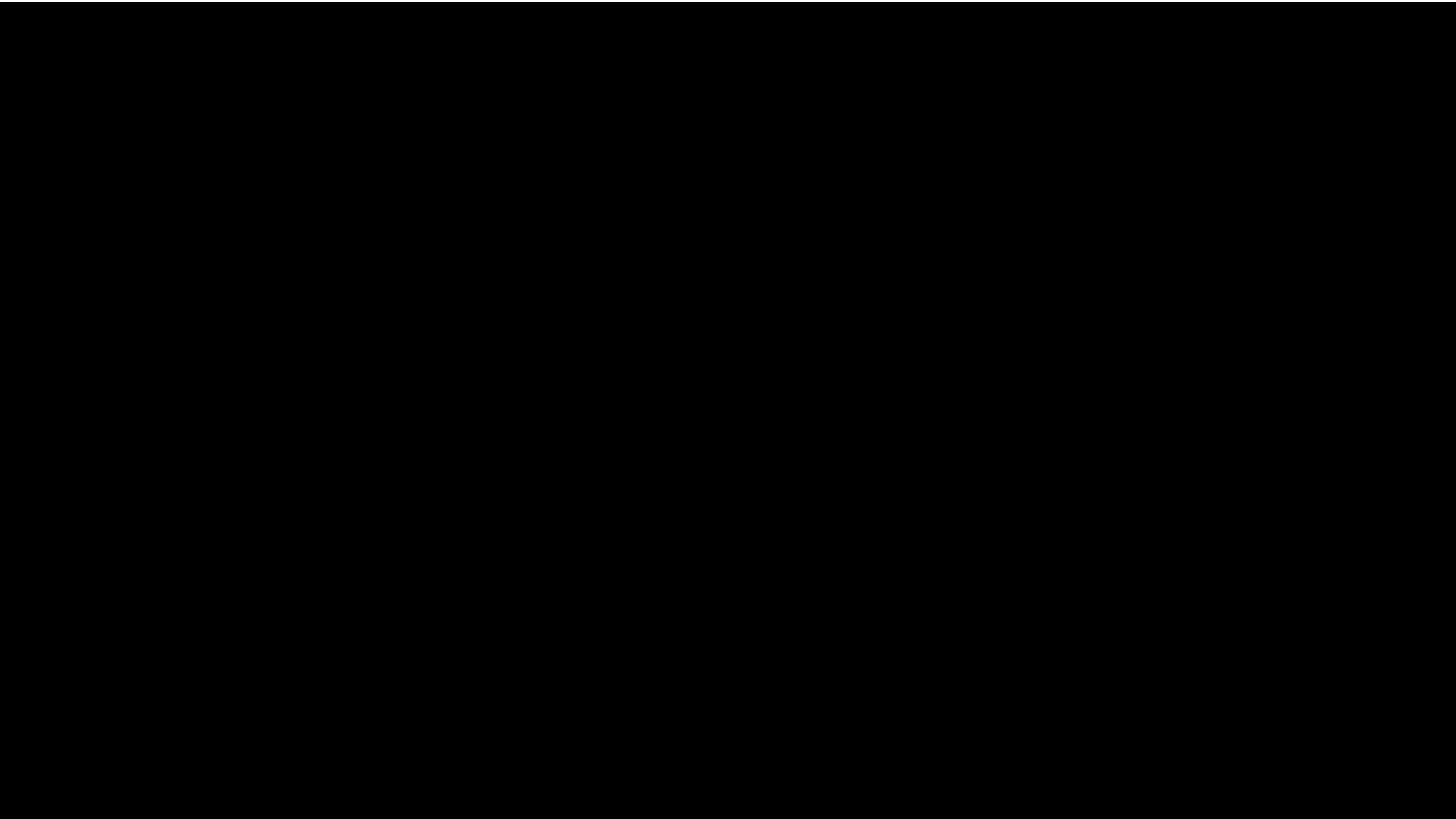
Trailer
Mounted

Two Man Operation



Lift & Tip





The T-VAC 2



Tipping Skip

VAC-EX
LIMITED



CERTIFICATE OF TRAINING

Kaspars Vorslavs



T-VACtrack

COMPANY:

VAC-EX Design & Manufacture Ltd

VALID FROM:

21/10/2020

VALID UNTIL:

21/10/2023

TRAINING LOCATION:

Chichester
PO20 2AA

Manufacturers
Training





SGN

Your gas. Our network.

MORRISON 
Utility Services

Balfour Beatty



**Scottish
Water**

Always serving Scotland

Cadent

Your Gas Network

love every drop
anglianwater 

Thank You!



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