

FULLY OPERATED VACUUM EXCAVATION SERVICE

VEOI

VACUUM EXCAVATION

BERKO 1000

by John Mee Construction Ltd



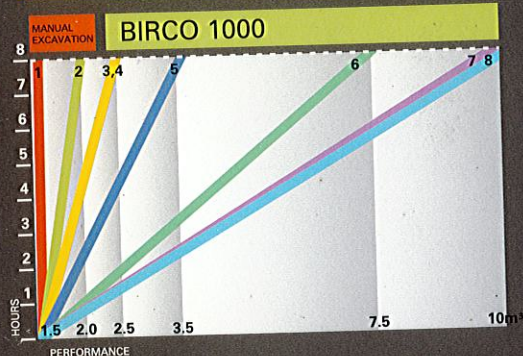
leading the way in *SAFE* excavation

www.vac-ex.co.uk t: 01302 366900

BIRCO 1000

Length	1750mm
Width	1750mm
Height	1400mm
Weight	Dry 1140kgs; Wet 1390kgs
Maximum vacuum depth	5m
Maximum vacuum span	Please ask for further info
Vacuum	Twin turbine
Water pump	1800psi - 3000psi 250 ltr polyurethane onboard water tank
Vacuum hose	a) Manual b) Mechanically supported
Vacuum hose	125mm reduced down to 100mm at open end
Filtration system	33 filter cartridges - 5 micron washable
Emptying	no Debris tank use of auxiliary tank required
Intrinsically safe	Please ask for further info

Performance Comparison



Manual Excavation

1. Manual excavation

Employing BIRCO 1000

2. Dry clay

3,4. Wet clay, Soil mix

5. Sand wet

6. Type 1

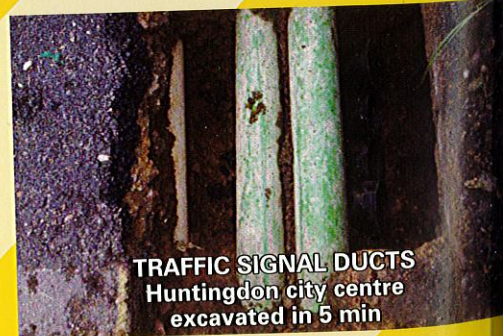
7. Gravel up to 50mm

8. Dry sand

Above production rates can vary depending on tipping/ access to water/proximity to job



11 KV CABLE LOCATED IN 3 MIN
Stanstead airport



TRAFFIC SIGNAL DUCTS
Huntingdon city centre
excavated in 5 min

FOR INFORMATION AND HIRE CALL **01302 366900**

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BIRCO 1000



TUB SYSTEM



Can be used trailer or skid mounted.
Can excavate very narrow and deep holes or trenches – 3 meters deep x 110mm wide is easily achievable.

The soil removal process can be carried out wet or dry depending on ground type and process used to agitate ground.

Positive and negative displacement Vacuum systems can be used depending on:

- Distance materials needing to be conveyed from point of use
- Size of materials to be conveyed
- Wet or dry materials
- Material type (shot blast, gravels, dust, concrete debris)
- Job description

BIRCO 1000 in Operation

Requires use alongside debris receptacle. Options available:

250 litre tub

3t swivel Dumper

1750 litre hydraulic tipping tank

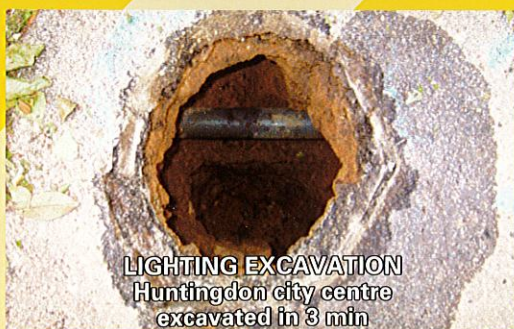
Positive displacement vacuum (turbine system)

Noise level <87 db

Trailer or vehicle mounted

Wet and dry excavation

Emergency stop wander lead



LIGHTING EXCAVATION
Huntingdon city centre
excavated in 3 min