

GEONEX HORIZONTAL HAMMER BORING

SURE-FIRE TRENCHLESS TECHNOLOGY FOR DIFFICULT MIXED GROUND AND ROCK CONDITIONS

- ✓ 300 ft crossings completed within one week, even in hard rock conditions.
- ✓ Purpose built pneumatic hammers for installing casing sizes of 5 1/2"–48".
- ✓ Underground infrastructure solutions for telecommunications and power cables, water and raw water pipes, oil and gas lines.
- ✓ Developed by engineers with nearly 30 years of industry and contracting experience (10 000 casings and 650 000 ft installed) rapidly approaching 50 units sold to North America, Europe and Asia.
- ✓ Recognised to be the go to and client nominated technology in Switzerland.



**GEO[®]
NEX**

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THROUGH YOUR ROCK AND YOUR HARD PLACES

GEONEX HORIZONTAL HAMMER BORING KEY BENEFITS



- ✓ **ONE BORING HEAD FOR ALL SOIL TYPES**
Suitable for soft ground with boulders thro to 50 000+ psi rock. Suitable for drilling under the water.
- ✓ **MINIMAL SET UP COSTS**
Shaft and thrust wall not required. Self-propelled hammer. Casing not always required in competent rock.
- ✓ **SHORT SET UP TIMES**
From 0.5 to 1 day.
- ✓ **RELIABLY QUICK PRODUCTION RATES**
7+ ft / hr in rock and 20+ ft / hr in mixed soil with cobbles and boulders (300 ft in a shift has been and is achievable).
- ✓ **REDUCED SOCIAL & ECONOMIC IMPACT**
Disruptions due to road closures etc. Disruption to businesses.

- ✓ **RISK**
An engineered solution that is proven to reduce the risk of failure
- ✓ **ASSISTED ALIGNMENT CONTROL**
Via remote hydraulic adjustment of the rigs height and lateral position during the installation
- ✓ **LOW LABOUR REQUIREMENTS**
Up to 24" / 2-3 operatives incl. welder.
Over 24" / 3-4 operatives incl. 2 welders.
- ✓ **LOW CARBON FOOTPRINT**
No shafts required. Reduced project times.
Reduced equipment transport cost.
- ✓ **ADAPTABLE RIGS & HAMMERS**
Capable of installing various casing sizes.
- ✓ **RETRACTABLE & REDEPLOYABLE EQUIPMENT**
Blind holes are possible.
- ✓ **WIRELESS REMOTE CONTROL**
Improved safety
- ✓ **STATE OF THE ART EQUIPMENT**

www.geonexinc.com

