

DIRECTIONAL BORING SERVICES

Omni Directional Boring utilizes horizontal directional drilling (HDD) to install pipelines and utilities under roadways, railways, waterways, and in environmentally sensitive and congested urban areas.

Omni's management team has over 60 years combined experience servicing municipalities and the oil and gas sector. Our highly skilled, long-term personnel efficiently and accurately execute complex projects of all sizes, and within limited time frames.



A ONE-STOP SHOP

As part of the Omni group, we can offer a wide range of complementary services, greatly reducing the need and management of additional contractors. These services include:

- ✓ Geotechnical drilling
- ✓ Hydrovacs for locating
- ✓ Pressure trucks for pressure testing



DIRECTIONAL DRILLING

Omni Directional Boring is accomplished in completing a wide range of HDD services, from major water course crossings to short back alley service shots. Our extensive fleet of HDD rigs — ranging from the Vermeer 7×11 to the 220×300 — have been utilized for bores over 1,000 metres (3,280 feet) in length and 900 mm (36 inches) in diameter.

We are experienced in hard rock formation drilling, offering both traditional mud motor drilling services and the Ditch Witch All Terrain drill. This innovative drill is designed to use less fluid, decreasing the chances of inadvertent fluid release.

PIPE FUSION

Omni is a licensed HDPE and PVC fusing contractor with experience in municipal, industrial, and oilfield applications. Our CSA Level 2 Fusion Technicians are certified in electrofusion services and butt fusion up to 1600 mm (64 inches) HDPE and 750 mm (30 inch) PVC pipe.

We datalog each fused pipe joint to ensure quality control specifications are upheld.

GUIDANCE SYSTEMS

Precise drill bit tracking is an essential part of all successful HDD projects. From our Digitrak Falcon walkover systems to our ParaTrack2 wireline tracking system, Omni uses the latest HDD guidance technology to accurately track the location of the drill bit during the pilot hole. Accurate drill bit tracking ensures that the pilot hole is drilled within specifications and protects existing buried utilities from damage.

Before the project commences, Omni generates a detailed pre-bore profile identifying all existing utilities and hazards. A comprehensive as-built of the crossing is created following the completion of the pilot hole.

We look forward to assisting you on your next project.

Contact Omni today!