

## Hydracore 1000 Underground Drill

### *Compact, Versatile, and Powerful*

The Hydracore 1000 Underground drill (HC1000-UG) is a custom build and was designed for limited access locations requiring smaller footprints in underground workings. The HC1000-UG is powered by a 600 V 3 phase 50 HP fully enclosed fan cooled motor. The unit is equipped with a BWL chuck capable of completing borehole depths up to 275 meters (900') BWL. The HC1000-UG was designed to move in two modular picks weighing less than 910kg (2,000 lbs), utilizing smaller underground support equipment (i.e. skid steer) to gain access to more constrictive areas. A telescopic feed cylinder with an internal stroke of 1625mm (64"), allows the drill to complete boreholes in areas up to 3m by 3m. The feed frame assembly is mounted to a modular drill platform which creates the floor for the workers at the drill site(s).

#### **Depth Capabilities:**

**B Coring:** 274.3m (900')  
**A Coring:** 457.2m (1,500')

#### **Weights:**

**Drill Head:** 350 lbs      **Foot Clamp:** 80 lbs  
**Feed Frame:** 373 lbs    **Complete Drill:** 4,000 lbs

#### **Rig Features:**

- Stroke: 1.54m (5.04')
- Pull- back: 6,500 lbs at 2,700 psi
- Thrust: 6,500 lbs at 2,700 psi
- Winch capacity: 300m (1,000')
- Electric Motor: 600 V 3 phase HP TEFC
- Standard clamp system
- Safety guarding

