

## UNDERGROUND RIG

# HYDRACORE 1000 UNDERGROUND

## 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 910 kg (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 1625 mm (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:** 274.3 m (900')  
**A Coring:** 457.2 m (1,500')

### Weights:

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

### Rig Features:

- Stroke: 1.54 m (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

