



AK Drilling International

**Depth Capacity
Diamond Drilling**

HQ

NQ

BQ

Meter

850

1500

1850

Feet

2790

4920

6070

Diamond Drilling Rig Hydracore 4000

FIVE INCH MAST WITH DOUBLE CYLINDERS WITH HOLLOW RODS



AK Drilling International



AK Drilling International

Power

Three Isuzu 60 HP (#335 and #338) or 70 HP engines (#350 and up)

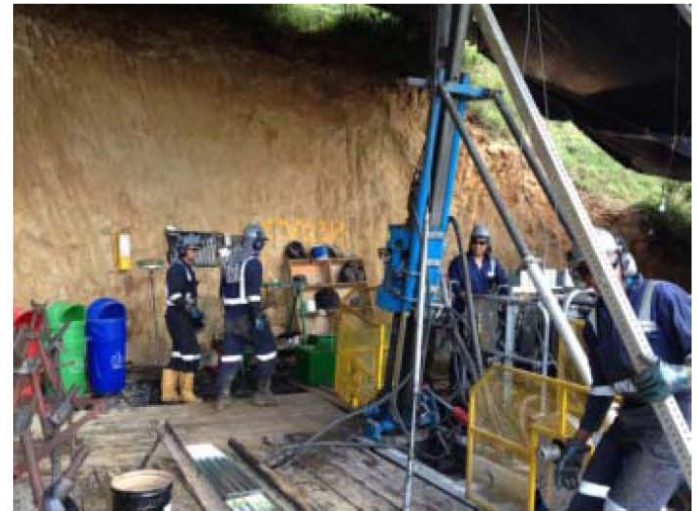
Head

- **Type Poly chain drive 90mm wide**
- **Chuck, Max. Rod Size PQ**
- **Chuck Type Longyear Hydraulic, modified**
- **Speed Range 0-1200 rpm, full horsepower from 600- 1400 rpm**
- **Maximum Torque 1700 ft-lbs. forward, 2828 ft-lbs. reverse**
- **Main Motor Displacement 250 cubic centimeters per rev.**
- **Belt Ratio 2.857:1**

AK Drilling International

Diamond Drilling Rig

Hydracore 4000





AK Drilling International

Hydraulic Pumps

Main Gear (3); 35, 20 & 31 GPM	3500 psi
Water Gear; 13 GPM	3000 psi
Reverse and Feed Piston 3.5 GPM	5000 psi

Feed

Length	70 inches
Max. Thrust	16,500 lbs. at 2500 psi
Max. Pull	32,500 lbs. at 2500 psi

Hydraulic Reservoir

Capacity 34 gallons oil cooled by heat exchangers

AK Drilling International

Diamond Drilling Rig

Hydracore 4000

