

DRILLING: **CS 3001 TRUCK MOUNTED DRILL**



A field proven drill rig with proven reliability on coring programs. Versatile drill capabilities with medium to deep drilling capacity as well as a high altitude package for demanding drill programs. The CS 3001 truck mounted drill rig is proven solution for your exploration drilling needs.

DEPTH CAPACITY CORING

B Wireline – 7,200 ft. (2,200 m.)
N Wireline – 5,500 ft. (1,700 m.)
H Wireline – 3,700 ft. (1,130 m.)
P Wireline – 2,300 ft. (770 m.)

POWER UNIT

Cummins 6CTA 8.3 Liter 6 Cylinder; 260HP @ 2,000 RPM
Diesel Turbo Charged/Charge Air Cooled

HYDRAULIC PUMPS

Primary Pump: Rotation, Hoist, W/L Hoist, Fast Feed
Auxiliary Pump: Slow Feed, Chuck, Foot Clamp, Mud Mixer
Secondary Pump: Mud Pump

MAST AND FEED SYSTEM

Feed Travel: 11 ft. (3.35 m.)
Pull Back: 155 KN (35,000 LBF)
Thrust: 62.2 KN (14,000 LBF)
Rod Pull Length: 20 ft. (6.1 m.)
Drilling Angle: 45 to 90 degrees
Mast Dump: 80 in. (2 m.)

DRILL HEAD

Maximum RPM: 1,300
Maximum Torque: 3,500 ft. LBF (4,810 NM)
Transmission: Four Speed, Manual Shift
Mounting: Hydraulic Powered Slide Away

MAIN HOIST

Single Line Capacity: 133 KN (30,000 LBF)
Cable Diameter: 7/8 in. (22 MM)

STANDARD EQUIPMENT

Four Hydraulic Jacks 24 in. (610 mm.) Stroke
Hydraulic P-Sized Holding Clamp
Control Panel Hydraulic Slide
High Altitude Kit
Hydraulic Mud Mixer
Fuel Tank: 250 gal. (950 L.)
Mud Pump: Hydraulic Driven FMC W1122BCD
Max Flow: 37 gpm (140 LPM)
Max Pressure: 1,000 psi (7.0 MPA)

WEIGHT

Rig Weight: 22,000 lbs (10,000 KG) – will vary with options
Recommended Truck GVW: 44,000 lbs (20,000 KG)

Specification will vary by specific drilling rig unit number