



## **General Specifications Schramm Drill**

The Schramm is a compact, maneuverable truck mounted drill rig with a large volume, high pressure air compressor. A deck mounted diesel engine provides reliable power for all hydraulic and air systems. Separate drill rig subframe design permits stable mounting on standard trucks. Rugged top head drive rotation, efficient pipe handling, down hole hammer, and mud rotary mean high productivity on the job site.

### **Engine**

- Caterpillar C-15 DITAATAAC diesel
- 580 hp (432 kw) @ 1,800 rpm
- 240 gallons (912 l) fuel capacity

### **Compressor**

- Two-stage, oil flooded rotary screw
- 1050 cfm (27 cu m/min) @ 350 psi (24.1 bar)

### **Dimensions**

- OA length, transport w/jib boom - 34' 4"/10.44 m
- OA width - 8' 6"/2.59 m
- OA height, transport w/lazy susan - 12' 10"/4.03 m
- Weight w/lazy susan, less drill pipe - 50,000 lb/22,680 kg
- 30,000 lb (13,605 kg) pullup

### **Mast**

- Tubular steel, all welded, lattice type structure
- 32' 6" (9.9 m) OA length

### **Drill Pipe and Casing**

- 20' (6.1 m) drill pipe length
- 25' (7.6 m) casing max. length
- 16.5" (419 mm) max. diameter through slipbox

### **Winch**

- Planetary with spring applied hydraulic release brake.
- 5,800 lb (2,631 kg) bare drum line pull
- 163 fpm (49.7 mpm) bare drum line speed

### **Hydraulic System**

- Open loop, load sensing system
- 7 micron filtration
- 140 gallon (530 l) system capacity

