



# Drillers Mud Systems, LLC

## TUNNEL ROVER 600

The **TUNNEL ROVER 600** Triplex, Reciprocating Pump is continuous running at full load at any speed within its speed range. This pump was specifically designed to obtain 600 HP in a standard long life package in the lightest weight possible.

### TUNNEL ROVER 600 FEATURES

- Minimum Weight
- Fabricated Frame
- Anti-Friction Roller Bearing
- Forged Steel Fluid End Modules
- Forged Steel Gear and Pinion
- API Standard Expendables
- Forged Steel Crankshaft
- Failure Proof Power End Lubrication
- Added Oil Storage Above Crosshead
- Metal-to-Metal Liner Lock
- Liner Wash System
- Minimum Profile
- Double Extended Pinion
- Wide Flange Beam Skid

### TUNNEL ROVER 600 SPECIFICATIONS

- Input Horsepower Rating . . . 600
- Pump Speed Rating . . . 160 SPM
- Stroke Length . . . 8 ½"
- Maximum Liner and Piston Size . . . 7"
- Crankshaft Oil Capacity . . . 65 Gallons
- Gear Ratio . . . 5.05-1
- Input Speed . . . 808
- Fluid End Working Pressure . . . 5000 psi
- Discharge Connection Size . . . 4" 5000 psi Union
- Suction Connection Size . . . 6" 150#
- Valve Size . . . API-5
- Length . . . 101 ½"
- Width . . . 39"
- Skid Width . . . 49"
- Height . . . 56"
- Weight . . . 14,000#

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### PERFORMANCE CHART

TUNNEL ROVER		HP	600	514	429	342	258	171
		SPM	175	150	125	100	75	50
SIZE	PSI	GPS	GPM					
7	1247	4.248	743	637	531	423	319	212
6 1/2	1447	3.663	641	549	458	366	275	183
6	1698	3.121	546	468	390	312	234	156
5 1/2	2020	2.623	459	394	328	262	197	131
5	2445	2.168	379	325	271	217	163	108
4 1/2	3018	1.756	307	263	220	176	132	88
4	3820	1.387	243	208	173	139	104	69
3 1/2	5000	1.062	186	159	133	106	80	53

