



Drillers Mud Systems, LLC

TIDAL WAVE 750

The **TIDAL WAVE 750** Triplex, Reciprocating Pump is continuous running at full load at any speed within its speed range. This pump was specifically designed to obtain 750 HP in a standard long life package in the lightest weight possible.

TIDAL WAVE 750 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

TIDAL WAVE 750 SPECIFICATIONS

- Input Horsepower Rating . . . 750
- Pump Speed Rating . . . 166 SPM
- Stroke Length . . . 8 ½"
- Maximum Liner and Piston Size . . . 7"
- Crankshaft Oil Capacity . . . 65 Gallons
- Gear Ratio . . . 5.05-1
- Pinion Input Speed . . . 883 RPM
- Fluid End Working Pressure . . . 6000 psi
- Discharge Connection Size . . . 4" 6000 psi Union
- Suction Connection Size . . . 8" 150#
- Valve Size . . . API-5
- Length . . . 102"
- Width . . . 39"
- Skid Width . . . 49"
- Height . . . 56"
- Weight . . . 16,000#

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PERFORMANCE CHART

TIDAL WAVE 750		HP	750	676	563	451	338	225	
		SPM	166	150	125	100	75	50	
SIZE	PSI	GPS	GPM						
7	1637	4.248		637	531	425	319	212	
6 1/2	1898	3.663	608	549	458	366	275	183	
6	2228	3.121	518	468	390	312	234	156	
5 1/2	2652	2.623	435	393	328	262	197	131	
5	3208	2.168	360	325	271	217	163	108	
4 1/2	3961	1.756	292	263	220	176	132	88	
4	5014	1.387	230	208	173	139	104	69	
3 3/4	5704	1.219	202	183	152	122	91	61	
3 1/2	6000	1.062	685/176	619/159	516/133	413/106	310/76	206/53	
									HP/GPM

