

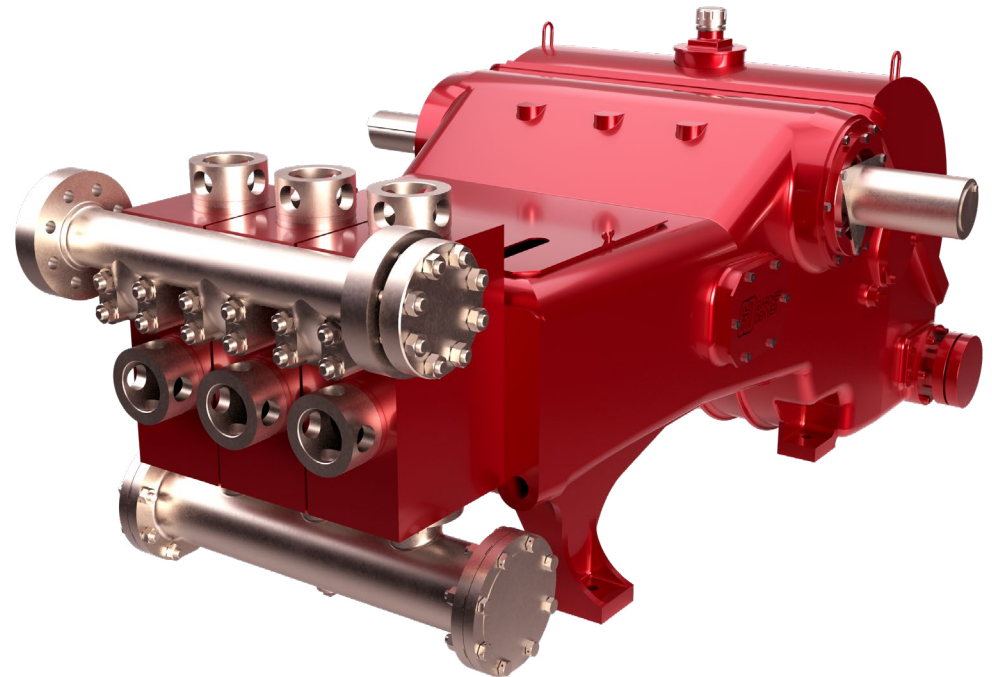
# PUMPS

## PAH TRIPLEX DRILLING PUMP



### SPECIFICATIONS

Maximum Input	275 BHP
Maximum RPM	175 RPM
Stroke Length	8 in / 203 mm
Rod Load	23,800 lbs (10,795 kg)
Pump Weight	9,200 bs. (4,180 kg)
Gear Ratio	4.7:1



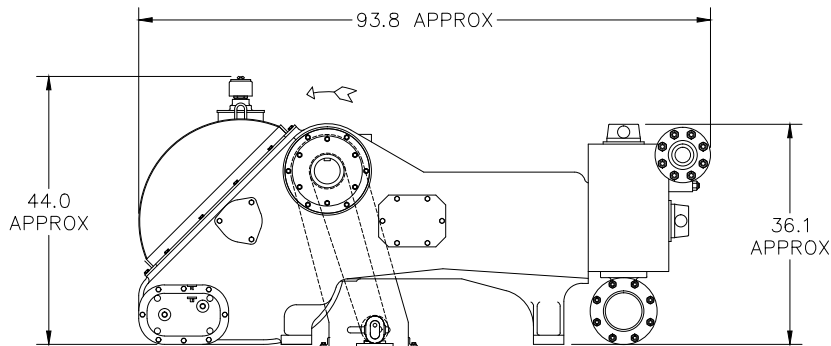
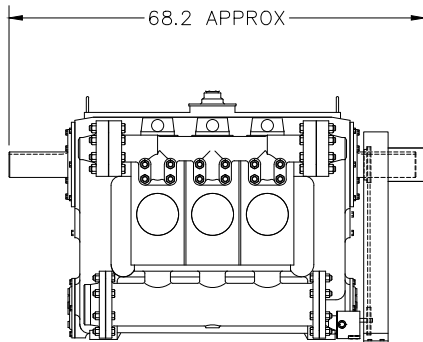
PLUNGER/PISTON		DISPLACEMENT - DRILLING SERVICE				MAXIMUM PSI		PUMP RPM	JACKSHAFT RPM
DIAMETER		PER REVOLUTION		PER MINUTE					
in.	mm.	Gallons	Liters	GPM	LPM	PSI	bar		
5	127	2.04	7.72	357	1351	1212	84	175	823
4.5	114.3	1.65	6.25	289	1095	1496	103		
4	101.6	1.31	4.94	228	865	1894	131		
3.5	88.9	1.00	3.78	175	662	2474	171		
3.25	82.55	0.86	3.26	151	571	2869	198		
3	76.2	0.73	2.78	129	486	3367	232		

Ratings are based on 90% mechanical efficiency and 100% volumetric efficiency. All sizes offered with pistons and liners. 3 1/2" through 4 1/2" sizes are offered with plungers and packing. The duty cycle of a pump rated for intermittent duty is not to exceed 30 minutes at loads above maximum established for continuous running followed by an equal period at no load.

Note: It is GD Energy Products' recommendation to use plungers/packing for acid service or pressures in excess of 4,000 PSI. Pistons/liners are not recommended for these applications or any applications over 4,000 PSI.

# PAH TRIPLEX DRILLING PUMP

## SPECIFICATIONS



Note: All installations must contain a pressure relief valve in the discharge line near the pump.

## STANDARD FEATURES

- Large steel skid with non-skid decking
- Mechanical lubricator for stuffing box packing
- Centrifugal suction charging pump
- Plunger rod washing system
- Suction and/or discharge dampeners
- Oil heat exchanger cooling system
- External electric powered lube pump
- Custom packaging available
- Nodular iron power frame, eccentric, connection rods, and crosshead
- Spherical roller bearings carry eccentric
- Double extended Jackshift carried on heavy-duty straight roller bearings
- Dual roller bearing connecting rod
- Heat-treated 4140 alloy steel main gears are bolted to the eccentric
- Replaceable bronze crosshead slides
- Full splash lubrication, with oil pump to feed working parts
- Heat-treated alloy steel, interchangeable fluid cylinders
- Center guided with urethane insert valves and seats
- Replaceable-type element oil filter and oil pressure gauge
- Threaded valve covers
- Bolted-type stuffing boxes with plunger option
- Clamp connection between plungers or between plated piston rod and extension rod
- Complete piston washing and lubrication system if applicable
- Pistons and liners or colmonoy plungers and packing of select size

## OPTIONAL FEATURES

- Fabricated steel skid under pump only
- Large steel skid with non-skid decking
- Mechanical lubricator for stuffing box packing
- Centrifugal suction charging pump
- Plunger rod washing system
- Suction and/or discharge dampeners
- Oil heat exchanger cooling system
- External electric powered lube pump
- Custom packaging available