



Performance Under Pressure

HIGH PRESSURE DRILLING PUMPS



WATER INJECTION



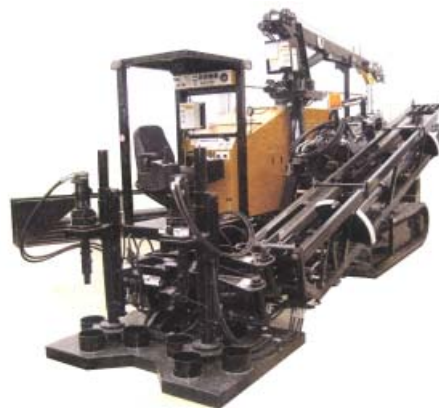
VERTICAL



HYDROFRACTURING

WATER & GAS

SAMPLING



HORIZONTAL



PUMP CHARACTERISTICS
WHY PURCHASE A GIANT PUMP?

Crankcase Material

Spheroidal Cast Iron - Durable and Compact

Crankshaft

Designed for belt-drive and hydraulic direct drive

Crosshead

Ensures linear movement of plungers.

Longer oil and fluid media seal life

Plungers

Solid ceramic oxide. Longer seal life.

Seals

Designed for wear resistance. Less maintenance.

Valves

Stainless steel with polyurethane ring (Bentonite Only)

Extremely long wear and ease of repair.

Manifold

Bronze, Aluminum Bronze or Stainless Steel for longer life.

WASHDOWN PUMPS



P223
3 GPM @ 3000 PSI



P316
5 GPM @ 3000 PSI



P422
10 GPM @ 3000 PSI

WATER DRILLING PUMPS - BIT CLEANING AND SUPPLY



MP SERIES
UP TO 18 GPM
UP TO 3600 PSI



LP SERIES
UP TO 40 GPM
UP TO 7250 PSI



GP SERIES
UP TO 105 GPM
UP TO 10,000 PSI

HOLE DRILLING -- HORIZONTAL OR VERTICAL



BENTONITE PUMPS

BP100	5.9 GPM @ 1880 PSI @ 750 RPM
BP5236	18.5 GPM @ 870 PSI @ 570 RPM
BP6150	42.5 GPM @ 1450 PSI @ 600 RPM
BP7170	84.5 GPM @ 1015 PSI @ 560 RPM
BP8076	132 GPM @ 1500 PSI @ 520 RPM

For additional applications, GIANT Industries can provide pumps with flows up to 625 GPM and pressure up to 58,000 PSI.



PUMP ACCESSORIES

WASHDOWN GUNS

21250B -- 10 GPM @ 5000 PSI (S.S. FITTING)

21650 -- 21 GPM @ 7250 PSI



UNLOADERS AND REGULATORS

UP TO 106 GPM AND UP TO 10,000 PSI

LANCE TUBES (WANDS)

STAINLESS STEEL - UP TO 84" LENGTHS

AVAILABLE WITH 12" ADJUSTABLE HANDLES



ROTATING NOZZLES

CLEAN WITH THE POWER OF A 0° NOZZLE AT WIDE ANGLES
USE TO DIG HOLES FOR MINOR EXCAVATIONS

GIANT

Performance Under Pressure

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