Options and Models of the Maxpro Liquid Pump by Peter R. Duffy

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The Maxpro high pressure liquid pump runs at no load, and does not slow down with an increase in pressure.When the pressure is equal to air drive pressure times the pressure ratio of the high pressure liquid pump, it will come to a stop. Here, there is no flow and no air consumption. The high pressure liquid pump holds this outlet pressure indefinitely. Only when the outlet pressure drops or when the air drive pressure is increased, will the pump begin to stroke again.

Maxpro Liquid Pump Features

Some of the main features of the Maxpro liquid pumps are:

Easy installation and operation

No lubrication required

No electrical power required

Explosion proof

Standard ratios available for pressures up to 60,000 PSI

Economic source of hydraulic power

Pressure is maintained without energy consumption

Outlet pressure can be pre-set using a simple air regulator (optional)

Unregulated pilot air valve for easy re-start and better pressure control range

External spool valve for fast and easy maintenance

Maxpro Liquid Pump Options

Maxpro liquid pumps are available in a variety of options, including:

Stainless steel construction

Distance piece liquid pump

Double acting styles

Multiple air heads

A number of accessories are also available for the high pressure liquid pump models.

Maxpro Liquid Pump Models

The Maxpro liquid pumps are available in the following models:

Oil or Oil / Water Service: This rugged and lightweight liquid pump can provide pressures up to 14,500 PSI

Water or Oil Service: This liquid pump is available in single and double air drive heads. It is made up of stainless steel. This liquid pump is available with an optional hand lever, and can provide pressures up to 58,000 PSI. The hand lever pressures up to 31,900 PSI.

Chemical Service: This liquid pump features a distance piece and PTFE seals to address the specific requirements of the chemicals used. This pump can provide pressures up to 14,500 PSI, 23,200 PSI and 2,900 PSI depending on the specific model within this service. This service also features dual component liquid pumps that can pump two separate liquids in a corrosion resistant environment.

Only one shop air connection is required to use the Maxpro liquid pump for operating power packs or portable test carts. If a reservoir is included within the system, no other utility is required.

The Maxpro Liquid Pump systems can be used for a variety of fluid and pressure applications, with water, oil and chemicals. The different types of Maxpro liquid pump models can provide outlet pressures right from 30 PSI to 60,000 PSI. The Maxpro liquid pump is highly configurable, and you can choose from a variety of optional equipment, making it an ideal choice for any application.

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Peter R. Duffy - About Author:
I have 10 years of experience in high pressure industries. Now days various types of a liquid pump is used for oil, water and chemical applications. Check out online for a Maxpro and Maximator liquid pumps that can fulfill all your industrial needs.

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