

Test Pac Systems

Pressure Test Units

Introduction

Haskel manufactures a comprehensive range of air driven liquid pumps, being powered by compressed air with no electrical or mechanical connections they are simple to install and control.

Their compact size, minimal weight and ability to operate in any position gives them a broad appeal in a wide range of duties, including mobile and fixed installations.

The pressure increase is made possible by means of the ratio between the large diameter air drive piston driving a smaller diameter liquid piston.

Haskel Test Pac Systems utilise the advantages of Haskel Air Driven liquid Pumps and are assembled into lightweight portable powerpacs ideal for providing hydrostatic pressure for a range of applications including pressure testing, emergency hydraulic power, jacking, crimping, and more.

Wide Product Range

Haskel Manufacture a wide range of portable test pacs from 1/3rd HP up to 10 HP with pressure capabilities up to 7,000 bar. Units are available for use on a wide range of fluids however units for use on water, oil or soluble oil/water are common.

Advantages

Haskel air driven liquid test pacs offer many advantages over conventional electrical driven power units.

- Ability to stall at any predetermined pressure and hold this fixed pressure without consuming power or generating heat.
- No heat, flame or risk of spark
- Infinitely variable cycling speed (flow rate)
- No limit or adverse effect to continuous stop/start applications
- Pump seals are self-lubricated requiring no external air-line lubricator
- Reliable, easy to maintain, compact and robust



Description

Haskel Test Pac's are portable, lightweight test rigs designed for onsite pressure testing. Both onshore and offshore. Each unit is self-contained and powered by compressed air.

Each Test Pac is a robust self-contained unit, which is supplied complete with the following

- Haskel air driven liquid pump
- Air controls comprising air filter, air pressure regulator, air gauge on/off speed control valve and air exhaust silencer
- Fluid inlet connection located at skid edge *
- Fluid inlet suction strainer
- Outlet pressure gauge, glycerine filled with stainless steel case
- Pressure release valve
- Fluid outlet connection located at edge of frame
- Mounted within a robust stainless portable frame
- All suitably piped and pressure tested

* Many units are available with fluid reservoir c/w sight glass and filler/breather.

Test Pac 33

1/3rd HP output with test pressures up to 1,000 bar with oil 700 bar with water. Typical flow rate up to 6 litre/min for low pressure units down to 0.2 litres/min for 1,000 bar unit. Supplied with 4 litre polyethylene tank

Options

A removable hand pump attachment can be used with this system. This is a useful extra where compressed air is not available. It also allows finer control for calibration work.



Portable M Powerpac

1/3rd HP output using the range of pumps in the Test Pac 33

Configured as a stainless steel carry case with integral stainless steel reservoir ideal for onsite testing and calibration.

Hand pump option is available for this model



Offshore Test Pac 200

1.5 HP output with pressure capability to 2,000 bar on both oil and water service.

Unit supplied mounted within a stainless steel frame with horizontal control panel and 10 litre stainless steel reservoir as standard.

14 models to choose from.

Approximate Dimensions: 570 x 360 x 535mm high

Approximate Nett Weight: 30 ka



Test Pac 200

1.5 to 2HP output with pressure capability to 3,000 bar on both oil and water service.

Unit supplied mounted within a mild steel painted frame with vertical control panel and 5 litre polypropylene reservoir as standard.

18 models to choose from.

Approximate Dimensions: 410 x 410 x 480mm high

Approximate Nett Weight: 25 kg



Offshore Test Pac 300

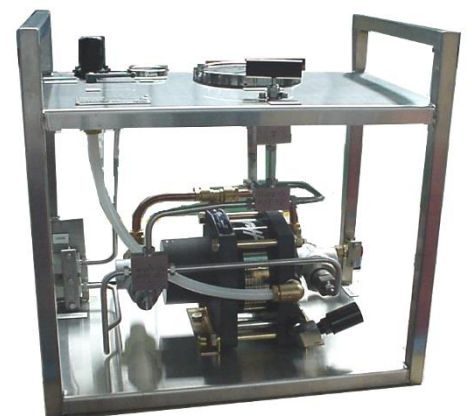
3 HP output with pressure capability to 1,400 bar on both oil and water service.

Unit supplied mounted within a stainless steel frame with horizontal control panel and as standard.

8 models to choose from.

Approximate Dimensions: 570 x 360 x 535mm high

Approximate Nett Weight: 40 kg



Test Pac 600-SS

6 HP output with pressure capability to 700 bar on both oil and water service.

Unit supplied mounted within a stainless steel mobile frame with horizontal control panel, with or without 20 litre reservoir as standard.

6 models to choose from.

Approximate dimensions: 800 x 670 x 660mm high

Approximate Nett Weight: 60 kg



Test Pac 1000

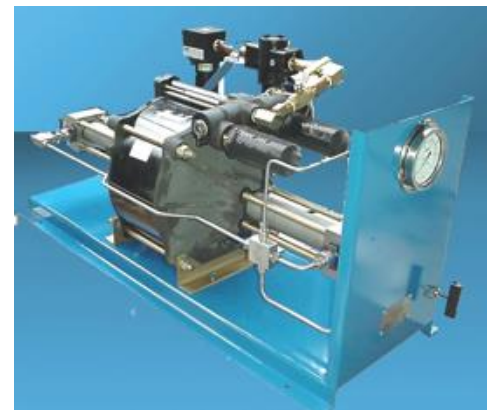
10 HP output with pressure capability to 2,000 bar on both oil and water service.

Supplied mounted within a mild steel base frame with vertical control panel as standard.

4 models to choose from.

Approximate Dimensions: 600 x 1250 x 750mm high

Approximate Net Weight: 105 kg



Dual Pump Systems

Dual pump systems are available using pumps from the full Haskel range. Options are available for

- Duty—Standby pumping systems
- Low pressure high flow prefill and high pressure low flow test
- With or without fluid storage
- Mobile or fixed skids

