

Packaged Systems



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POWER-PAC 200 SERIES

AIR-DRIVEN HYDRAULIC POWER UNITS

Haskel's 200 series air-driven power-pac is a small, lightweight, easily installed hydraulic power unit which is ideal for high static pressure applications.

Units can be supplied with an optional protective frame for ease of portability or without for static applications.

KEY FEATURES

- The unit is designed to stall at any predetermined pressure and generate no heat while stalled, holding static high pressure. This allows the power-pac to be supplied with a small fluid tank in comparison to electric-drive systems.
- Under stall conditions, the pump consumes no energy.

These two factors reduce the weight, footprint, and amount of oil needed for duty. Operating costs are also substantially reduced by these design features, as well as having a positive environmental impact by reduction in oil and energy waste.

Standard Haskel power units come complete with air filter/regulator, air gauge, and manual on/off valve. The high-pressure outlet circuit is complete with pressure gauge and manual pressure release valve, which can also be offered as actuated valves with electro-pneumatic control.



MOBILE HYDROSTATIC TEST SYSTEM

MODEL J24352

Haskel Hydrostatic Pressure Test Systems are suitable for use with water to generate a maximum outlet test pressure of 22,500 psi.

Pressure is generated by means of three pumps operating in sequence: first pump works as a pre-fill to generate an outlet pressure of 750 psi; once that pressure is achieved, the second pump will operate. This pump will pressurize the test piece up to 3,600 psi, at which the third pump will generate pressures up to 22,500 psi.

Time to pressurize an 820 litre volume to 10,000 psi takes approximately 53 minutes. This is based on an air drive pressure of 80 psi at a flow rate of 180 scfm.

The test system includes locations for two chart recorders (not supplied). These can be used to record pressures generated by the system or from an external test piece through a 1/4" HP fitting found at the rear of the system.

KEY FEATURES

- 3 Haskel air-driven liquid pumps: First stage pre-fill pump model ASFD-10, second stage pump model GSF-60 and final stage high pressure pump model 8HSFD-225
- Common air-drive inlet filter with individual air drive pressure regulator
 - Regulated air pressure gauge
 - Speed control on/off valve to each pump
- Water inlet with shut off valve and suction strainer
- Air pilot switches to automatically start second and final stage pumps as system pressure is developed
- Protection for lower pressure pumps by means of check valves and pressure relief valves
- Outlet pressure gauge
 - Pressure relief valve
- Outlet isolation valve
- Mimic panel



- Downstream of outlet isolation valve connections for customer to fit own supply 12" single pen circular chart recorders (model 53011)
 - One 0-2,000 psi with isolating valve and pressure relief valve protection the other 0-30,000 psi
 - Pressure transducer with digital readout, analogue pressure gauge and manual pressure release valve in outlet

CONNECTIONS

Air inlet	3/4" BSP (F)
Liquid Inlet	1" BSP (F)
Outlet Connection	9/16 HP (F)
External inlet (high pressure)	1/4" HP (F)
Drain connection point	1/2" NPT (F)

STANDARD
GAS BOOSTER
SYSTEMS



WHY CHOOSE HASKEL

Comprehensive systems for demanding high-pressure gas transfer and pressurization solutions.

From selection and design to manufacturing and installation, standard packages provide precision and performance for gas transfer, charging and storage applications.

Reliability

Haskel gas boosters are designed with the highest quality for longevity and easy maintenance. Haskel gas boosters use patented seal systems to give a long working life, providing the capability of transferring and pressurising a wide variety of gases.

Regular servicing by Haskel authorized service and repair centers extends the life of your equipment for continued optimum performance and can be carried out alongside planned maintenance programs.

Extensive Range

Haskel offers single acting, double acting and two stage models to cover a wide range of operating conditions up to pressures of 20,000 PSI (1379 Bar).

GAS BOOSTER SYSTEM FEATURES

- Pressurize gas from industrial gas bottles (up to 20,000 psi)
- Plumbed for inert gases in single arrangements
- Available in single-stage or two stage styles; selection is made on the grounds of gas pressure and flow requirements
- Supplied with a range of controls: air controls, air pilot switches (optional) for automated stop/start control, relief device, pressure isolation and vent valves
- All components are mounted and plumbed in an open stainless steel frame with a sloped front control panel
- Safety relief devices are standard on all gas booster systems for maximum operational safety
- Allows 90 to 95% use of cylinder gas to maintain process pressure when cylinder pressure drops
- Oxygen Cleaned units available
- Can charge a receiver to even higher-pressure level, thus storing a volume of gas for rapid release



APPLICATIONS

Gas accumulator charging

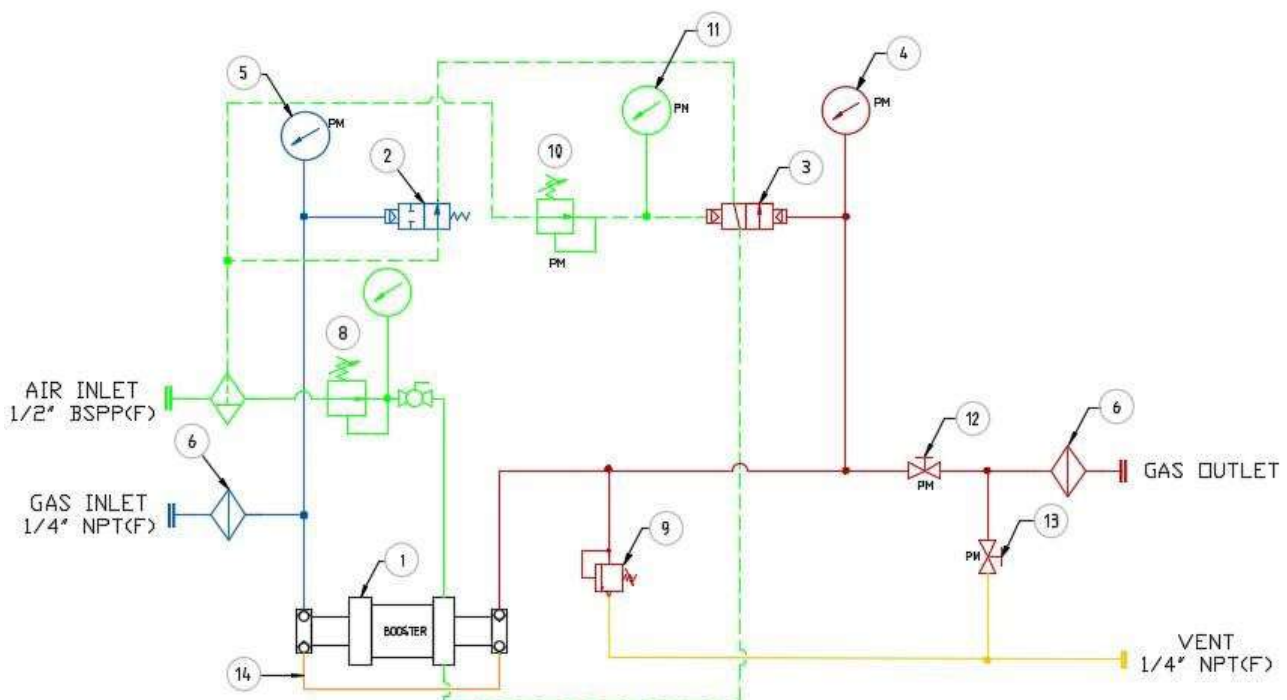
Pressure & leak testing various pressure containing components

Pressurization of gas cylinders

Gas transfer, boosting or mixing

SCOPE OF SUPPLY

1. Air driven gas booster with external pilot air modification to enable use of external air pilot switches to automatically start and stop the booster.
2. Adjustable inlet air pilot switch used to stop booster when the gas supply pressure falls below the adjusted minimum set point (optional).
3. Adjustable remote-set outlet air pilot switch used to stop booster when the outlet pressure reaches the adjusted maximum set point (optional).
4. Outlet pressure gauge, safe case design, 100mm diameter, panel mounted with bar/psi dual scale. Accuracy +/- 1% FSD.
5. Inlet pressure gauge, safe case design, 100mm diameter, panel mounted with bar/psi dual scale. Accuracy +/- 1% FSD.
6. Gas filter, 5 micron rated, used to stop any ingested contamination from entering the booster (e.g. while changing out gas supply bottles).
7. Roll bar frame with sloping operator panel into which the booster and controls are mounted. Frames are a brushed 316 stainless steel.
8. Combined air inlet filter regulator, with integral pressure gauge and on/off control valve. Air filter – in line with 40-micron filtration to maintain air drive quality. Adjustable air regulator used to set the air drive pressure, adjustable between 0 – 150 PSI. 25mm air gauge indicated the regulated air pressure setting. Manual on/off valve and speed control valve, panel mounted, used to adjust the cycling speed at which the booster operates.
9. Adjustable Haskel relief valve used to protect the booster and other components from over pressurization, piped to a common vent connection.
10. Adjustable remote-set air pilot regulator used to change the set point for the remote set outlet air pilot switch (optional).
11. 25mm air gauge, panel mounted, used to indicate the adjustable remote set regulator adjusted pressure.
12. Manually operated BuTech outlet isolation valve, panel mounted, piped to a common vent connection.
13. Manually operated BuTech outlet pressure vent valve, panel mounted, piped to a common vent connection.
14. Interstage cooler. A Haskel design integral tube and shell cooler used to reduce the boosted gas temperature.



⑦ ROLL BAR FRAME & PANEL

HIPPO HOSE TEST RIG

PRESSURE TEST UNIT

The Haskel Hippo Hose Test Rig is a self-contained air driven test system. Initially designed for testing hydraulic hoses, the rig is ideal for testing a range of components — from pipe assemblies flow meters. Each unit comes complete with air-driven pressure generation, a control circuit, and a robust test chamber with an interlocked test well door.

SYSTEM FEATURES

- Test pressure range up to 2,000 bar
- Flow-rate up to 5 litres/min
- Test fluids hydraulic oil, inhibited water, or plain tap water; can be catered for special fluids such as Skydrol
- Manifold connections 1/2" BSP female
- Standard dimensions 160 cm x 60 cm x 130 cm high; special sizes on request
- Test well 120 cm x 60 cm x 70 cm high
- Approx. gross weight 200 KGs
- Air drive required 0.75 Nm³/min at 6 bar
- Electrics 240 volts 50 Hz single phase

Other features vary by model. Contact us to talk through your specific needs.

EQUIPMENT OPTIONS

- Fully PLC/ pneumatically controlled pneumatic rig
- Single outlet port
- Fixed and sliding 3 port manifolds
- Various outlet pressure ranges
- Interior light



MODEL SELECTION CHART

BASED ON 6 BARG AIR DRIVE AVAILABLE **

PUMP MODEL	PRESS RANGE** Barg	FLOW	FLUID SERVICE	MODEL ORDERING CODE	CONFIGURATION
AW-35	10—200	5	OIL	J23376-AW-35	SINGLE OUTLET FOR OIL SERVICE, MILD STEEL PAINTED TEST CHAMBER WITH STAINLESS STEEL BASE PLATE
AW-60	20—400	3	OIL	J23376-AW-60	
AW-150	40—1,000	1	OIL	J23376-AW-150	
HF-300	80—2,000	0.5	OIL	J23376-HF-300	
ASF-35	10—200	5	WATER	J24242 ASF-35	3 PORT FIXED AND SLIDING MANIFOLDS STAINLES STEEL TEST WELL
ASF-60	20—400	3	WATER	J24242 ASF-60	
ASF-150	40—1,000	1	WATER	J24242 ASF-150	
HSF-300	80—2,000	0.5	WATER	J24242 HSF-300	

FLUSH AND TEST RIGS

Haskel manufactures high-pressure flushing and pressure testing equipment for subsea and other systems used in non-contaminating applications where cleanliness and integrity are of paramount importance. The equipment is designed to operate with high flows and pressures using transaqua-type fluids.

Flushing and pressure test systems are housed in free-standing painted steel enclosures with removable panels for maintenance access. Equipment for manual component flushing and pressure testing is contained in the enclosure. Components should be flushed and pressure tested external to the rig.



KEY FEATURES

- Low- and high-flow high-pressure flushing circuit with maximum test pressures of 10,000 psi (700 bar)
- Pump(s) supplied from the main reservoir via a filter and isolation valve
- Outlet(s) have a pressure gauge, pressure switch, and relief valve protecting the line. Fluid passes through a pressure filter and a bypass valve and outlet isolation valve (PLC controlled optional) are fitted prior to the two flushing outlets.
- Flushing return line(s) back to main reservoir
- Stainless steel main reservoir is fitted with fluid level and temperature gauges, a drain valve, breather, low-level switch, a level sensor, and a temperature probe.
- Offline filtration system with recirculating pump and coolers for servicing of reservoir fluid.

SERVICES REQUIRED

- Compressed air supply 80 psi
- Electrical supply 415V 3 Phase & Neutral 50Hz

VALVE TEST BENCHES

SAFE, PROVEN, AND RELIABLE VALVE TESTING SOLUTIONS

Haskel offers a complete range of valve test benches that utilize a patented Valve Clamping Bench (VCB) coupled to a Pressure Generating Module (PGM) for superior operation.

PRODUCT DESCRIPTION

The greatest cost associated with valve inspection, testing, and repair is the time consumed with test system setup and breakdown.

The Haskel Valve Test Bench, operated by one person, can secure the valve, pressure test both seating surfaces, test the bonnet and the stem packing, and release the valve within two to five minutes.

Experience has shown that one operator on a Haskel Valve Test Bench can test valves up to ten times faster than conventional testing methods. In some cases, it is equal to installations using as many as eleven test shop personnel and six work stations.

The compact design of Haskel Valve Test Benches occupies a work area of less than 16 sq. ft. (1.5 sq. meters), minimizing costly floor space while maximizing the efficient flow of valves through the bench. The hydraulic actuation of clamping arms secures the valve on the uniquely designed Table of Pressure seals immediately after the valve has been placed on the bench.

Haskel Valve Test Benches are designed to save time and money, without compromising safety.



APPLICATIONS

- Shut-Off Valve Testing
- Relief Valve Testing
- Swing Check Valve Testing

PORTABLE HYDROSTATIC PRESSURE TEST SYSTEMS

OPEN FRAME DESIGN

Haskel's Portable Hydrostatic Pressure Test Systems offer the advantages of Haskel air-driven liquid pumps and are assembled into robust, lightweight, and portable packages. These systems are ideal for providing hydrostatic pressure for a wide range of pressure testing applications. Our test rigs are designed for easy onsite pressure testing—both in onshore and offshore uses.

From 1/3rd HP up to 10 HP with pressure capabilities up to 7,000 bar, these self-contained units are powered by compressed air and designed for use with a wide range of fluids; however, units for use on water, oil, or soluble oil/water are common.

KEY FEATURES

Each Portable Pressure Test System is supplied with the following:

- Haskel air-driven liquid pump
- Air controls, including 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.*



SYSTEM BENEFITS

Haskel portable pressure test systems 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

MODELS

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
- Removable hand pump can be used with this system when compressed air is not available. It also allows for 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 up to 2,000 bar on both oil and water service
- Mounted within a stainless steel frame with horizontal control panel and 10 litre stainless steel reservoir as standard
- 14 models to choose from

TEST PAC 200

- 1.5 to 2 HP output with pressure capability up to 3,000 bar on both oil and water service
- Mounted within a mild steel painted frame with vertical control panel and 5 litre polypropylene reservoir as standard
- 18 models to choose from

OFFSHORE TEST PAC 300

- 3 HP output with pressure capability up to 1,400 bar on both oil and water service
- Mounted within a stainless steel frame with horizontal control panel and as standard
- 8 models to choose from

TEST PAC 600-SS

- 6 HP output with pressure capability up to 700 bar on both oil and water service
- Mounted within a stainless steel mobile frame with horizontal control panel, with or without 20 litre reservoir as standard
- 6 models to choose from

TEST PAC 1000

- 10 HP output with pressure capability up to 2,000 bar on both oil and water service.
- Mounted within a mild steel base frame with vertical control panel as standard
- 4 models to choose from

DUAL PUMP SYSTEMS

Available with any of the full Haskel range of pumps. Options available for:

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

Freon, CFC & HCFC Transfer Units

Safe, reliable and energy saving transfer of gases and liquids, including mixtures of both.

One of the major advantages of the Haskel pump is its ability to handle liquids or gases or a mixture of liquid and gas without causing damage to the pump.

In many applications the pumps are able to change the state of the product (condense the gas to liquid) without the need for specialist condensers.

The pumps and transfer systems are compact, lightweight and portable, and are ideal for use on site for reclaiming product from process units or recharging the process units

Powered by compressed gas from a compressor or gas cylinder they are suitable for operation in any location.

Fluids Handled

SF6	R11	R23	R500
Pentane	R12	R114R	R152
Butane	R22	134a	NH ₃

Description

Each unit comprises a mild steel painted frame in which is mounted the following equipment:

- Haskel air driven liquefied gas pump
- Air inlet to air drive controls comprising,
 - Air drive filter
 - Air drive pressure regulator
 - Air pressure gauge
 - On/off speed control valve.
- Inlet hose with gas bulkhead connection & isolation ball valve
- Inlet pressure gauge
- Outlet pressure gauge
- Outlet relief valve
- Outlet hose with gas bulkhead connection & isolation ball valve

All suitably piped & tested for liquid or gas service.



Features

Haskel air driven pumps offer many advantages over electrical driven pumps or compressors on liquefied gas service.

- Ability to pump liquid, gas or a mixture of both without adverse effect on the pump.
- No heat, flame or risk of spark
- Infinitely variable cycling speed (flow rate)
- No limit or adverse effect to continuous stop/start applications
- Liquid/gas seals are self-lubricated requiring no external lubricator
- Reliable, easy to maintain, compact and robust
- Lightweight lends itself for site applications, reclaiming and charging product.

PRODUCT DESCRIPTION

The Haskel 200 series Power-Pac is a robust self-contained unit, complete with the following:

- Haskel air-driven liquid pump (see table below for model options)
- Air controls, including air filter, air pressure regulator, air pressure gauge, on/off speed control valve, and air exhaust silencer
- 12 litre aluminium reservoir, complete with:
 - Sight glass
 - Filler/breather
 - Fluid inlet suction strainer
- 6" outlet dial pressure gauge, glycerine filled with stainless steel case
- Outlet pressure release valve returning fluid to tank
- Fluid outlet connection located near edge of frame
- Suitably piped for oil service
- All mounted on the tank lid and, if required, within a painted steel portable frame for protection (see options in table)
- Approximate dimensions: 39cms x 33cms x 58cms high
- Approximate gross weight: 25 kgs

MODEL SELECTION CHART

BASED ON 7 BARG AIR DRIVE AVAILABLE**

PUMP MODEL	PRESS RANGE** Barg	TYPICAL FLOW CAPACITY Litres/min	MODEL CODE INCLUDING FRAME (Overleaf)	MODEL CODE WITHOUT FRAME (Above)
AW-B10	25-80	Up to 16	J24812-AW-B10	J24812-1-AW-B10
AW-B15	35-120	10	J24812-AW-B15	J24812-1-AW-B15
AW-B25	50-190	6.5	J24812-AW-B25	J24812-1-AW-B25
AW-B35	70-280	5	J24812-AW-B35	J24812-1-AW-B35
AW-B60	120-480	3	J24812-AW-B60	J24812-1-AW-B60
AW-B100	150—700	1.7	J24812-AW-B100	J24812-1-AW-B100
AW-B150	200—1,000	1	J24812-AW-B150	J24812-1-AW-B150
HF-B225	250 - 1,400	0.8	J24812-HF-B225	J24812-1-HF-B225
HF-B300	300—2,000	0.55	J24812-HF-B300	J24812-1-HF-B300

Standard Gas Booster Systems



Pressurize gas from industrial gas bottles (up to 20,000 psi)

Plumbed for inert gases in single arrangements

Available in single-stage or two stage styles; selection is made on the grounds of gas pressure and flow requirements

Supplied with a range of controls: air controls, air pilot switches (optional) for automated stop/start control, relief device, pressure isolation and vent valves

All components are mounted and plumbed in an open stainless steel frame with a sloped front control panel

Safety relief devices are standard on all gas booster systems for maximum operational safety

Allows 90 to 95% use of cylinder gas to maintain process pressure when cylinder pressure drops

Oxygen Cleaned units available

Can charge a receiver to even higher-pressure level, thus storing a volume of gas for rapid release

Haskel Air-Driven Oxygen Booster MODEL 26968



Booster: Air-driven, balanced-opposed piston-type, two stage

High-pressure oxygen chambers: Non-lube hydrocarbon-free, triple sealed and vented from the drive air chest

High-pressure tubing & fittings: Stainless steel, 5,000 psi maximum oxygen working pressure

High-pressure oxygen chambers: Non-lube hydrocarbon-free, triple sealed and vented from the drive air chest

High-pressure tubing & fittings: Stainless steel, 5,000 psi maximum oxygen working pressure

Particle filters: Inlet and outlet gas: 5 microns. All stainless steel

Gauges: Stainless steel tube, solid front 4-1/2" dial size

Port sizes: Inlet and outlet gas: " _ NPT female; Air Drive; _ NPT female"

Control range adjustment: Inlet minimum: 150 to 850 psi cutout Outlet maximum: 800 to 5,000 psi cutout

Safety relief (outlet): 800 to 5,000 psi

Cooling: With air exhaust to both stages and intercooler

Noise: 80 dB range pulses, depending on working pressure (measured at 30 inches from booster)

Maintenance: Simple seal kit replacement

Installation: No special foundation, no tie-down required and no electrical connections

Portable Nitrogen Charging Unit

Each charging unit comprises a waterproof, robust, injection moulded case mounted:

Haskel Air driven oxygen gas booster featuring:

- Air inlet to air drive controls
- Air drive filter
- Air drive pressure regulator
- Air pressure gauge
- On/off speed control valve
- Inlet gas bulkhead connection
- Inlet 5 micron gas filter
- Inlet pressure gauge (gas safety pattern)
- Outlet pressure gauge (gas safety pattern)
- Outlet relief valve
- Outlet isolation valve
- Outlet gas bulkhead



GAS BOOSTER MODEL USED	NOMINAL MAX PRESSURE based on 100 psi/ 7.0 bar air drive	NOMINAL FLOW CAPACITY based on 500 psi gas supply	MODEL ORDERING CODE
AG-15	100Bar (1,500 psi)	150NI/min (5 scfm)	J24272-AG-15
AG-30	200 Bar (3,000 psi)	110 NI/min (4 scfm)	J24272-AG-30
AG-75	350 Bar (5,000 psi)	50 NI/min (2 scfm)	J24272-AG-75
AG-75	500 Bar (7250 psi)	50 NI/min (2 scfm)	J24272-AG-75-H

Helium Gas Compressor System

Haskel's Helium Gas Compressor Systems begin with a Haskel gas compressor. These compressors are designed with the highest quality for longevity and easy maintenance. Haskel gas compressors use patented seal systems to give a long working life, providing the capability of transferring and pressurizing a wide variety of gases, including helium. Other features include:

- Mounted within stainless steel robust roll bar frame
- Includes a stainless steel control panel
- Panel is finished with color-coded engraved mimic diagram for ease of operation
- Gas safety pressure gauges, pressure controls, and isolation valves come mounted on panel
- Easy installation—Gas cooling comes from the air exhaust within the drive section
- Ideal for onsite pressure testing and gas transfer & pressurization
- Portable design



MODEL	J23625	J23284	J24296
Max Gas Supply Pressure	2,900 psi (200 bar)	2,900 psi (200 bar)	2,900 psi (200 bar)
Min Gas Supply Pressure	145 psi (10 bar)	290 psi (20 bar)	435 psi (30 bar)
Max Gas Outlet Pressure	5,000 psi (345 bar)	8,700 psi (600 bar)	14,500 psi (1,000 bar)
Max Air Pressure	130 psi (9 bar)	130 psi (9 bar)	130 psi (9 bar)
Inlet Air Connection	3/4" BSP Female	3/4" BSP Female	3/4" BSP Female
Inlet Gas Connection	1/2" NPT Female	1/2" NPT Female	1/2" NPT Female
Outlet Gas connection	1/4" NPT Female	1/4" NPT Female	3/8"HP Female

Nitrogen Compressor System Model J24366



The system will compress nitrogen gas from a boil-off supply (100 to 145 psig) to give a final outlet working pressure as high as 15,000 psi. At 11,000 psi, the outlet flow-rate is 40 scfm based on an air drive pressure of 90 psig and volume up to 140 scfm. At 15,000 psi, the outlet flow rate reduces to 28 scfm with 90 psig air drive.

High-pressure nitrogen from a Haskel Nitrogen Booster Compressor simultaneously feeds the test outlet via a bypass circuit and pre-charges the Haskel air-driven booster circuit. When the outlet pressure reaches 4,800 psi, Haskel's AGD-152 gas boosters are switched on automatically and the pressure increases up to the final test pressure controlled by the outlet air pilot switch setting.

Oxygen Compression Systems



Haskel oxygen compression systems are efficient, safe and economical systems for oxygen filling and handling. Turnkey oxygen cleaned compression systems, such as the Model 26868 oxygen booster system for transfer of oxygen into various high-pressure receivers.

Oxygen cleaned equipment is certified to Mil Spec 1330D, the standard practice for precision cleaning and testing of shipboard oxygen, nitrogen, helium-oxygen, helium, and hydrogen systems as established by the U.S. Department of Defense for the Navy.

Portable Oxygen Charger Units

Product Description

Each charging unit includes a waterproof, robust, injection moulded case mounted with the following equipment:

- Haskel air-driven oxygen gas booster, featuring:
 - Air inlet to air drive controls
 - Air drive filter
 - Air drive pressure regulator
 - Air pressure gauge
 - On/off speed control valve
- Inlet oxygen gas bulkhead with plug to prevent dirt ingress
- Inlet 10 micron gas filter
- Inlet pressure gauge (gas safety pattern)
- Outlet pressure gauge (gas safety pattern)
- Outlet relief valve
- Outlet isolation valve
- Outlet vent valve
- Outlet oxygen gas bulkhead with plug to prevent dirt ingress
- All suitably piped, cleaned, and tested for oxygen gas service



Gas Booster Model Used	Nominal Max Pressure <small>based on 100 psi air drive</small>	Nominal Flow Capacity <small>based on 500 psi gas supply</small>	Model Ordering Code
Oxygen Gas Boosters Models Available			
28598-AG-15	100 bar (1,500 psi)	150NI/min (5 scfm)	J24273-AG-15
17445-AG-30	200 bar (3,000 psi)	110 NI/min (4 scfm)	J24273-AG-30
81569-AG-75	350 bar (5,000 psi)	50 NI/min (2 scfm)	J24273-AG-75

Hippo Hose Test Rig

Product Description

- Fully PLC/ pneumatically controlled pneumatic rig
- Single outlet port
- Fixed and sliding 3 port manifolds
- Various outlet pressure ranges
- Interior light



PUMP MODEL	PRESS RANGE** Barg	FLOW	FLUID SERVICE	MODEL ORDERING CODE	CONFIGURATION
AW-35	10—200	5	OIL	J23376-AW-35	SINGLE OUTLET FOR OIL SERVICE, MILD STEEL PAINTED TEST CHAMBER WITH STAINLESS STEEL BASE PLATE
AW-60	20—400	3	OIL	J23376-AW-60	
AW-150	40—1,000	1	OIL	J23376-AW-150	
HF-300	80—2,000	0.5	OIL	J23376-HF-300	
ASF-35	10—200	5	WATER	J24242 ASF-35	3 PORT FIXED AND SLIDING MANIFOLDS STAINLES STEEL TEST WELL
ASF-60	20—400	3	WATER	J24242 ASF-60	
ASF-150	40—1,000	1	WATER	J24242 ASF-150	
HSF-300	80—2,000	0.5	WATER	J24242 HSF-300	

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