

Air Driven Power Unit

Air Driven Hydraulic Power Unit

Choose an air driven power unit for portable and stationary applications. All units are assembled and ready to use, saving you the time and money you would spend selecting, assembling and testing other supply systems.

HSU Series



HSU-1100

Standard unit for general use.

Components include S-216-J-()-SS pump, air filter, pressure regulator and lubricator, air Shut-off valve, muffler, liquid bleed valve, air pressure gauge, liquid-filled pressure gauge with quick disconnect fitting.

Steel powder coated base has four mounting holes. Available as HSU-1102 with the addition of a by-pass circuit that allows quick fills you're your inlet source.



HSU-1101

Compact power unit has same components as HSU-1100 with the addition of a three gallon(11.4 liters) stainless steel reservoir.

Reservoir is fitted with filter-breather-screen assembly, suction filter inline to pump, and sight Glass to show liquid fill point.

Base flanges of reservoir have four mounting holes.

Designed to improve suction capability of higher ratio pumps and eliminate dry start-ups.



HSU-1200

Compact, lightweight unit for general use.

Occupies slightly more than one cubic foot of space and weighs six lbs.

(2.7kg) less than HSU-1100. Components include S-216-()- pump, air filter, pressure regulator and lubricator, air shut-off valve, muffler, manifold, liquid bleed valve, air pressure gauge, liquid-filled pressure gauge with quick disconnect fitting.

Stainless steel base has four mounting holes.



HSU-1300

Sturdy, portable unit with 15" square tubular frame for general use. Components include S-216-() pump (ten ratios), air filter, pressure regulator and lubricator, muffler, manifold, liquid bleed valve, air pressure gauge, liquid-filled pressure gauge with quick disconnect fitting. Dual gauge set-up available.



HSU-1400(With A Paperless Recorder)

Tubular sealing unit with four base trucklers for extreme portability. Hydro gauges, valves and pump regulator all panel-mounted. Fitted with paperless recorder and mini printer.



HSU-1500(Standard Unit for General Use)

Air-operated piston pump mounted on tubular frame with wheels for extreme portability. Hydro gauges, valves and pump regulator all panel-mounted. Output pressure adjusted by setting air pressure regulator to pump. The maximum flow output up to 10L/min, the top pressure up to 164 MPa. Be applied to all kinds of testing system.



HSU-1500D(Dual Pump)

Dual pump unit. Hydro gauges, valve, pump regulator all panel-mounted. Output pressure adjusted by setting air pressure regulator to pump. Dual pump design available for both high and low pressure output. Fulfill the extreme high and low pressure as required. Low pressure, big flow; high pressure, small flow. Meeting the requirement for quick filling.



HSU-GJC(Big Volume Power Unit)

Applied for testing the big flow tubing ,vessels and other components with high set pressure.

Max pressure up to 1380bar

Three magnification ratios: 45:1? 65:1? 200:1

Widely services for ships, submarine and oil field etc.

Various valves, regulators and pressure gauges mounted on the panel allow users to read the pressure and control the pressure easily. All the inlets and outlets are placed in the back side. Another gauge port is available so that users can exchange the gauges as required.



HSU-1440-JD6.8(Charging Unit)

Features: Easy operation, good performance, mass flow, a wide range of applications

1.4MPa maximum air driven

7MPa maximum pressure output

Can be used to refill extinguishant Halon or refrigerating fluid etc.



HSU-2000(tubing testing unit)

Operating floor and testing box are a integrated design

Testing pressure: up to 300Mpa

Testing medium: water, oil

Application: hydrostatic testing, bursting vibration



HSU-440-JD6.8 (Charging Power Unit)

This unit is widely serviced for filling liquid or the mixture of air and liquid: oil, water, refrigerating fluid, liquid extinguishant(Heptafluoropropane, trifluoromethane,liquid co2 etc.),most corrosive chemicals and low lubricating liquid and other test like low pressure hydrostatic testing for industry

Features

Fewer parts and seals, and therefore less maintenance

Air motor can run without lubricating

Compact unit for portability

No noise while running

Model	Max driving air (Mpa)	Max output(MPa)	Weights (Kg)	Dimensions LxWxH(mm)
HSU-440-JD6.8	0.17-0.69	4.9	10	590x320x300



HSU-1400-JB-5D/200HO(TELIDE Air Driven Power Unit)

Tubular frame sealing stainless steel dual pump unit with four base truckles, two of which are with brake. easy moving. Hydro gauges, valves, pressure regulator all panel-mounted. Output pressure adjusted by setting air pressure regulator to pump Dual pump design available for both HP and LP. Meeting the dual requirements of users for extremely high and low pressure. Low pressure, high flow; high pressure, small flow. Meets the requirements for quick charging

Model	Max driving air (Mpa)	Max output(MPa)	Weights (Kg)	Dimensions LxWxH(mm)
HSU-1400-JB-5/100HO	0.69??	163.7	66	550x450x1070



HSU-1500(With A Reservoir)

Tubular frame stainless steel single pump unit with the addition of 10 gallon stainless steel reservoir and wheels on the frame for extreme portability Reservoir is fitted with air filter, suction filter inline to pump and sight glass to show liquid fill point. Hydro gauges, valves, pressure regulator all panel-mounted Testing pressure and time for set pressure can be adjusted arbitrarily

HPU Series



HPU-1100

Standard unit for general use. Components include PowerStar 4 pump, air filter, pressure regulator, air shut-off valve, air pressure gauge, liquid-filled liquid pressure gauge with quick disconnect fitting.



HPU-1200

Air-driven Powerstar 4 pump. Panel mounted air gauge, 4" high pressure gauge, regulator, air shut-off valve, 2 directional control valves. Twenty gallon stainless steel reservoir with removable top cover and drain. Available pressure ranges from 500 to 33,500 PSI.



HPU-1201

Compact unit has same components as HPU-1000 with the addition of a three gallon (11.4 liters) stainless steel reservoir. Reservoir is fitted with filter-breather-screen assembly, suction filter inline to pump, and sight glass to show liquid fill port. Base flanges of reservoir have four mounting holes.



HPU-1300

Tubular frame single pump unit with truckles for easy moving
Hydro gauges, valves, pressure regulator all panel-mounted
Output pressure adjusted by setting the pressure regulator
Pump shuts off at set pressure; restarts when pressure drops.



HPU-1300(Dual Pump)

Tubular frame dual pump unit with wheels for extreme portability
Hydro gauges, valves, pressure regulator all panel-mounted.
Output pressure adjusted by setting air pressure regulator to pump
Dual pump design available for both HP and LP. Meeting the dual requirements of users for extremely high and low pressure.
Low pressure, high flow; high pressure, small flow. Allows quick charging.

Others Series



HSMU-3S-100-H(For Airplane braking Test)

Air-operated piston pump mounted on tubular frame with wheels for easy moving.
Medium can be plant-based hydraulic oil
Pump automatically shuts off at a set pressure, re-starts when pressure drops.



HMU-1300

Air-driven piston pump with built-in hand pump for critical testing.
Available pressure ranges from 1000 to 33,500 PSI.
2 gallon stainless steel reservoir with removable top cover and drain.
Panel mounted 4" dial gauge, all SS glycerin filled, mirror dial.