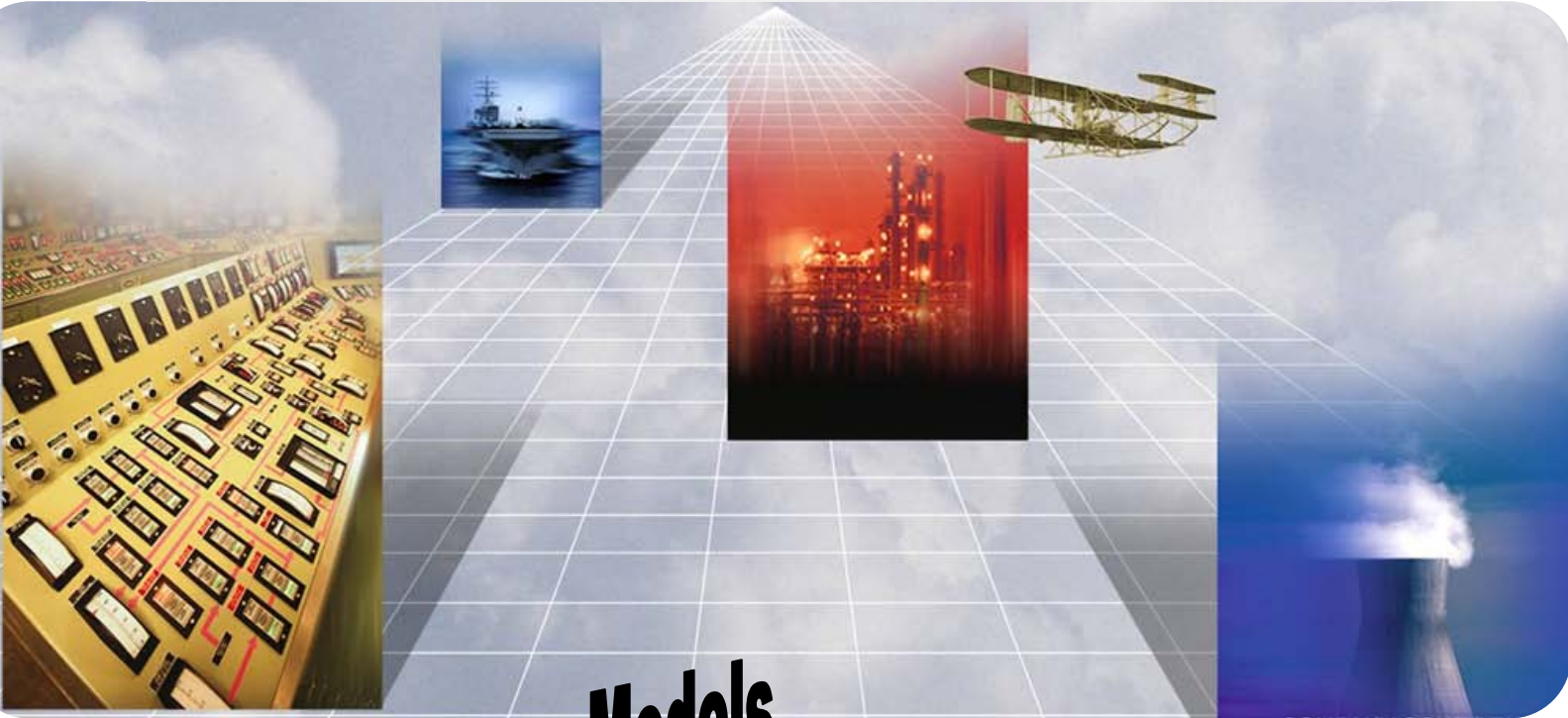


CURTISS WRIGHT **Flow Control Company**

Sprague Products

**ADVANCED AIR DRIVEN POWER UNITS &
HYDROSTATIC TEST SYSTEMS** <http://sprague.cwfc.com>



Updated Liquid Pump Models



ADVANCED AIR DRIVEN POWER UNITS & HYDROSTATIC TEST SYSTEMS



S-440 TABLE TOP SERIES, HYDROSTATIC TEST / POWER UNIT

NEW with improved layout and components.

Components include S-216-J series pump, ratios 10:1 to 300:1 Pressure to 33,000 psi (2,310 bars). Includes - pump, air filter, pressure regulator and lubricator, air shut-off valve, muffler, liquid bleed valve, air pressure gauge, liquid pressure gauge and powder coated base plate.

Dimensions: 23 in. wide, 11 in. depth, 11 in. height. Weight 53 lbs.



S-1300 PORTABLE SERIES

NEW ROLL-BAR FRAME TEST / POWER UNIT

Components include S-216-JN* series pump, ratios 10:1 to 300:1 Pressure to 33,000 psi (2,310 bars). Includes - pump, air filter, pressure regulator and air shut-off valve, muffler, liquid bleed valve, air pressure gauge, And Liquid pressure gauge. *** No Lubrication required.**

Dimensions: 20.5 in. wide, 17 in. depth, 17 in. high. Weight 70 lbs.

S-1300C PORTABLE SERIES,

NEW STAINLESS CLOSED FRAME TEST UNIT

Components include S-216-JN* series pump, ratio 10:1 to 300:1, Pressure to 33,000 psi (2,310 bars). *** No Lubrication required**

Includes - pump, air filter, pressure regulator, air shut-off valve, muffler, liquid bleed valve, air pressure gauge, liquid pressure gauge.

Dimensions: 20.75 in. wide, 16.75 in. depth, 16.75 in. height. Weight 68 lbs.



S-1600-JB PORTABLE CONTRACTOR SERIES, TEST/POWER UNIT

NEW with improved layout and components. **Amazing seal life...**

Components include S-216-JB series pump, ratio 35:1 to 300:1, Pressure to 33,000 psi (2,310 bars);

Includes - pump, air filter, pressure regulator,

Lubricator, air shut-off valve, muffler, liquid bleed valve, air pressure gauge

Liquid pressure gauge and water filter, Chicago style, push & turn fittings,

Dimensions: 28.5 in. wide, 12 in. depth, 18.25 in. height. Weight 90 lbs.



S-1500 MOBILE SERIES

FRAME ON WHEELS, TEST / POWER UNIT

Components include S-216-JN series pump,

Also available with POWERSTAR and SM-3 series pump

Ratio 10:1 to 300:1. Pressure to 33,000 psi (2,310 bars)

Includes - pump, air filter, pressure regulator, air shut-off valve

muffler, liquid bleed valve, air pressure gauge and liquid pressure gauge.

Pumps used require no external lubrication.

NEW push & turn hose fittings for ease of service/repair.

All external connections are located at the rear of the unit.

Dimensions: 17 in. wide, 17 in. depth, 42 in. height.

Weight 75 lbs.

S-1550-C Cabinet Style
(Ideal for Lab / Clean room)



ADVANCED AIR DRIVEN POWER UNITS & HYDROSTATIC TEST SYSTEMS



HSU-1101 TABLE TOP SERIES, HYDROSTATIC TEST / POWER UNIT

Compact unit has same components as S-440, with addition of 3 gallon stainless steel reservoir (11.4 liters).

Components include S-216-J series pump, ratios 10:1 to 300:1, outlet Pressure to 33,000 psi (2,310 bars). Includes - pump, air filter, pressure regulator and lubricator, air shut-off valve, muffler, liquid bleed valve, air pressure gauge, liquid pressure gauge and powder coated base plate. Dimensions: 23 in. wide, 11 in. depth, 11 in. height. Weight 63 lbs.

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



HSU-1200 (S-441) TABLE TOP SERIES, COMPACT & LIGHTWEIGHT, Slightly more than one cubic foot of space, and weighs six lbs (2.7 kg) less than the S-440.

Components include S-216 series pump, air filter, pressure regulator and lubricator, air shut-off valve, muffler, manifold, liquid bleed valve, air pressure gauge, and liquid filled pressure gauge. Stainless steel base, with four mounting holes.



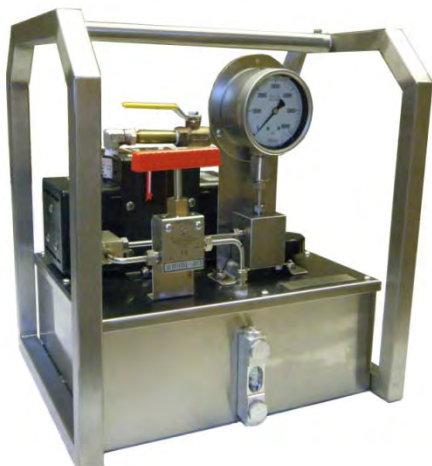
HSU-1300 (S-439) TABLE TOP SERIES, COMPACT UNIT

Unit has same components as HSU-1200 with the addition of a five gallon reservoir (13.9 liters).

Base flanges of reservoir have four mounting holes.

P45-CP TABLE TOP POWERSTAR SERIES TEST UNIT.

Compact, stand-alone unit (four mounting holes on base)
Includes filter, regulator, air shut-off valve, air pressure gauge,
internal muffler, manifold, liquid bleed valve,
and liquid filled pressure gauge.



P-1704 Portable SERIES, POWERSTAR for *Bolt Tensioning*

Stainless Steel Frame, 3 gal reservoir, TEST / POWER UNIT

Components include Powerstar series pump,
Ratio: 5:1 to 333:1. Pressure to 33,000 psi (2,310 bars).
Includes - pump, internal muffler, air filter, pressure regulator,
air shut-off valve, liquid bleed valve, air pressure gauge,
and manifold mounted Liquid pressure gauge.

NEW layout.

Dimensions: 16.75"W x 14.50"D x 18.00"H. Weight 55 lbs.

ADVANCED AIR DRIVEN POWER UNITS & HYDROSTATIC TEST SYSTEMS

Oil & Gas/Offshore Applications

Special Stainless Steel Test Units

Wellhead Injection Systems



HMU-1300 Portable Test Unit

(Shown at left) using Sprague SM-3-H Model mini pump with handle option. Optional J series and Powerstar pump also available. Complete with rugged stainless frame, **2 gal.** Reservoir with sight gauge, removable cover and drain. Panel mounted 4" filled SS gauge, regulator, air gauge, regulator and high pressure drain valve. Pressure ranges to 33,500 psi. This unit is suited for outdoor / offshore applications. ***Nothing to Rust!*** *Inquire about our SM3 Mini Pump features & benefits presentation.....*



HPU-1200 Portable Test Unit

(Shown at left) using Sprague POWERSTAR Model pump. Optional J series and SM-3 pump also available. Complete with rugged stainless frame, **5 gal.** Reservoir with sight gauge, removable cover and drain. Panel mounted 4" filled SS gauge, regulator, air gauge, regulator and high pressure drain valve. Pressure ranges to 33,500 psi. (This unit is shown with two optional directional control valves)



HSU-1401 Portable Test Unit

(Shown at left) using Sprague J Series, Model pump. Optional POWERSTAR series and SM-3 pump also available. Complete with 1" square stainless frame. Manifold mounted 4" filled SS gauge, regulator, air gauge, regulator and high pressure drain valve. Pressure ranges to 33,500 psi. (This unit is shown with two (optional) HP outlet gauges for redundancy)



NEW

High Flow Pump / **Water** and Oil Service Wellhead Injection Systems, Charging Accumulators, BOP System Charging

GJC-45, GJC-65 Series Pumps, pressure to 6,000 psi. Single Ended, Double Acting Pump.

Test System

Onshore / Offshore Applications

High Pressure, High Flow Test System (20,000 psi) **200D Series** Pump
Roll Bar Frame, Gauge Panel, FRL, and Safety Shutoff Valve.
Double-Ended, Single Acting Pump.

NEW

High Pressure Hydrostatic

