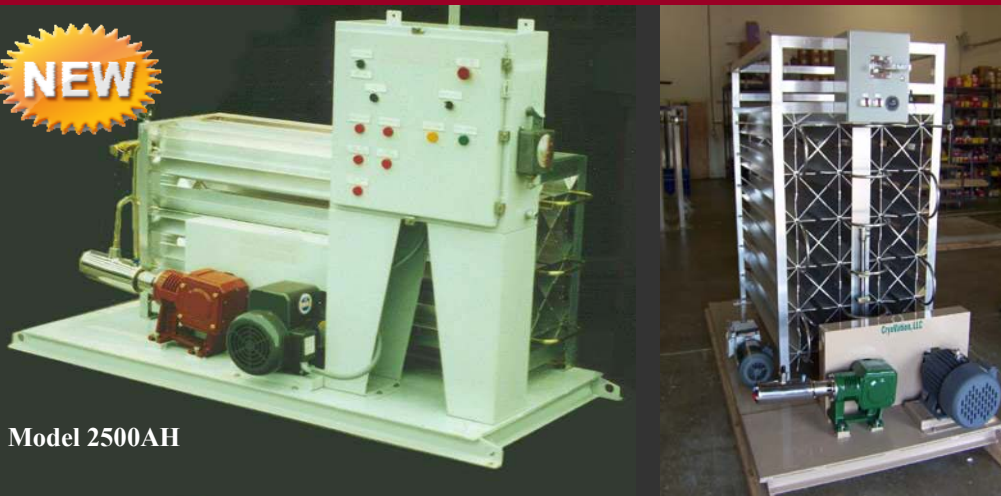


High Pressure for GOrillas, Laser & Bulk Systems

PORTA-PAK

Packaged Hi-Pressure Pumping Systems

NEW



Model 2500AH

Porta-Pak Hi-Pressure Systems go great with West Cryogenics **GOrilla 500** and **850** portable liquid transport, delivery and gas use vessels. Together these systems provide an affordable and easy to operate option for a wide variety of portable, temporary and smaller permanent oxygen, nitrogen and argon applications requiring gas feed at 350 to 2500 psi

- ◆ Laser Cutting Systems
- ◆ High Pressure Tube Recharging
- ◆ Plastic Injection Molding
- ◆ Purging and Pipeline Evacuation
- ◆ Test & Qualification
- ◆ Tire and Strut Filling
- ◆ Cylinder Filling
- ◆ Special Projects

Standard Porta-Pak –**SS** models have stainless wetted parts. Special –**MB** models are fitted with Monel and Brass wetted parts downstream of the pump. Generator systems are an available optional with GOrilla packages.

Pre-Engineered systems are designed with vaporization systems producing intermittent flow rates of 2500, 5000, or 10,000 scfh. Demand surges are met with flow from client or vendor separately provided high pressure gas

GOrilla packages can be combined with Porta-Paks as feed systems for high pressure tubes allowing onsite automatic recharging of bundles.

This combination provides a convenient and cost effective liquid source reducing the cost and logistics issues typically associated with recharge or exchange of exhausted tubes.



Porta-Pak Systems Include:

- ◆ Cryogenic Filling Pump
- ◆ PAC-1 Automatic Pump Control System with
 - NEMA 4 Control Cabinet, Pedestal Mounted Mitsubishi PLC Programmable Controller, Indicator Lights, Switches & all Associated Control Components
 - Dual Hi-Low Pressure Switch to Activate System
 - Overpressure Safety Switch
 - Liquid Supply Solenoid Valve with Manual Override
 - High Pressure Dump Valve, Air Actuated with Solenoid Control Valve
 - Pump Loss of Prime Temperature Controlled with Thermacouple
 - Automatic/ Manual Keyed Control Switch
- ◆ Ambient Air Vaporizer

Porta-Pak Systems can be engineered to for a large range of flows and pressures.

The **2500AH system shown** is capable of producing up to 2500 scfh at 4000 psi for 8 hour intermittent duty.

Length	72"
Depth	36"
Weight	~ 1600 lbs.

Trailer or truck-mounted Porta-Paks can also be set up with generator systems for mobile service. The 3 h.p. system shown requires 10 amps at 240v 3phase or 18 amps at 220v Single phase.

Receiver vessels are supplied separately by the client or vendor to meet individual application requirements.

All components are cleaned for Oxygen Service.