

Overview of Products and Services

Air Operated Hydraulic Pumps

- Standard J Series Pumps
- PowerStar P4 Series Pumps
- SM3 Series Plastic Mini Pumps
- SP40 Series Plastic Double Acting Pumps



Air Operated Gas Boosters

- Standard JN Series Gas Boosters
- PowerStar P4B Series Boosters
- PowerStar Air Amplifiers



Air Operated Portable Hydrostatic Test Systems

- Series: HSU, HPU and HMU



Overview of Products and Services

Typical Applications

Market	Application		
	Hydraulic Pumps	Gas Boosters	Portable Test Systems
Process	Valve Seal Testing	Nitrogen Gas Charging	Hydrostatic Testing
	Critical Fluid Extraction	Critical Gas Systems	Leak Detection
	Pipe/Tube/Fitting Burst Testing	Transfer Systems	
		Relief and Isolation Valve Testing	
Oil & Gas / Offshore	Pipe/Tube Hydrotesting	Accumulator Charging	BOP Accumulator Charging
	Wellhead Controls	Gas Transfer	Control Pannels
	Accumulator Charging	Subsea High Pressure Leak Detection	Hydraulic Hydro-Fracturing Systems
	Control Panels		
General Industry	Hydrotesting	Gas Assisted Injection Molding - Nitrogen	Hydraulic Torque Tools
	Clamping	Halon Systems	Nitrogen Charging Carts
	Hydraulic Presses	Air Bag Filling	
	Hydraulic Torque Tools	Purging	
	Pumping CO2	Helium Systems	
Aerospace	Ground Support Equipment	Ground Support Equipment Charging Struts/Tires	Ground Support Carts
	Pumping Skydrol		



Overview of Products and Services

Typical Customers

•Process Industry

- Occidental Petroleum, Pemex, BOC Gases

•Oil & Gas / Offshore

- Shell, Exxon Mobile, FMC, National Oilwell, Halliburton Offshore, Schlumberger, Aker Kaverner

•Industrial / Aerospace

- General Dynamics (Electric Boat), Nothrup Grumman, US Army (Apache), Holley, Amerex Getz, Remtec, Lockheed Martin, Mitsubishi Industries, Atlas Copco

Overview of Products and Services

Typical Applications

AIR OPERATED STANDARD HYDRAULIC J PUMPS

Market: PROCESS

**Application: Valve Seal Test, Critical Fluid Extraction,
Pipe/Tube/Gauge/Fitting Burst Testing**

Market: OIL & GAS, OFFSHORE

**Application: Hydrotesting Pipe/Tube, Wellhead Controls,
Accumulator Charging, Control Panels**

Market: GENERAL INDUSTRIAL

**Application: Hydrotesting, Clamping, Hydraulic Presses,
Hydraulic Torque Tools, Pumping CO2**

Market: AEROSPACE

**Application: Ground Support Equipment,
Pumping Skydrol**



Overview of Products and Services

Typical Applications

AIR OPERATED HYDRAULIC PUMPS

Market: PROCESS

**Application: Valve Seal Test, Critical Fluid Extraction,
Pipe/Tube/Gauge/Fitting Burst Testing**

Market: OIL & GAS, OFFSHORE

**Application: Hydrotesting Pipe/Tube, Wellhead Controls,
Accumulator Charging, Control Panels**

Market: GENERAL INDUSTRIAL

**Application: Hydrotesting, Clamping, Hydraulic Presses,
Hydraulic Torque Tools, Pumping CO2**

Market: AEROSPACE

**Application: Ground Support Equipment,
Pumping Skydrol**



Overview of Products and Services

Typical Applications

AIR OPERATED HYDRAULIC SM3 MINI PUMPS

Market: PROCESS

**Application: Valve Seal Test, Critical Fluid Extraction,
Pipe/Tube/Gauge/Fitting Burst Testing**

Market: OIL & GAS, OFFSHORE

**Application: Hydrotesting Pipe/Tube, Wellhead Controls,
Accumulator Charging, Control Panels**

Market: GENERAL INDUSTRIAL

**Application: Hydrotesting, Clamping, Hydraulic Presses,
Hydraulic Torque Tools, Pumping CO2**

Market: AEROSPACE

**Application: Ground Support Equipment,
Pumping Skydrol**



Overview of Products and Services

Typical Applications

AIR OPERATED GAS BOOSTERS

Market: PROCESS

**Application: Nitrogen Gas Charging, Critical Gas Systems
Transfer Systems, Relief & Isolation Valve Testing**

Market: OIL & GAS, OFFSHORE

**Application: Accumulator Charging, Gas Transfer
Subsea High pressure Leak Detection,**

Market: GENERAL INDUSTRIAL

**Application: Gas Assisted Injection Molding, Halon Systems,
Air Bag Filling, Purging, Helium Systems**

Market: AEROSPACE

**Application: Ground Support Equipment Charging Struts, Tires,
Accumulator Systems**



Overview of Products and Services

Typical Applications

AIR OPERATED PORTABLE TEST SYSTEMS

Market: PROCESS

**Application: Contractor Portable Hydrotesting Units
Leak Detection & Testing**



Market: OIL & GAS, OFFSHORE

**Application: BOP Accumulator Charging, Control Panels
Hydraulic Hydro-Fracturing Systems**



Market: GENERAL INDUSTRIAL

**Application: Hydraulic Torque Tools
Nitrogen Charging Carts**



Market: AEROSPACE

Application: Ground Support Carts



FAMILY of Sprague Products

Air Driven Hydraulic Pumps, Gas Boosters, Portable Testers



2006 Strategic Plan

Sprague Products

