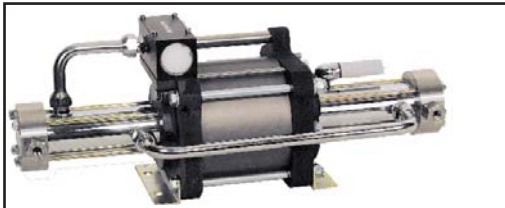


**Maxpro Technologies
High Pressure Products Guide**

**Pumps, Gas Boosters, Air Amplifiers & Systems
High Pressure Valves, Fittings and Tubing**



Medium and High Pressure Valves, Fittings & Tubing

Pressures to 65,000 psi



Maxpro's valves and fittings are available in medium pressure (to 21,000 psi) and high pressure (to 65,000 psi). Our extensive stock of needle valves, ball valves, couplings, adapters and accessories assure fast shipment to meet your needs.

Maxpro's large inventories of stainless steel tubing assure quick turnaround of customer orders. Autofrettage tubing is also available.

Applications:

- Waterjet and water blasting
- Cold and hot isostatic pressing
- Hydrostatic testing
- On and offshore oil and gas
- Chemical and Petrochemical

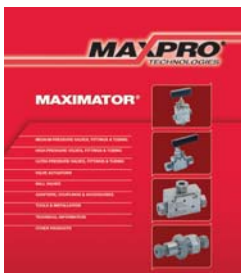
Precision tools are necessary for manually coning and threading medium or high pressure tubing.

Maxpro Technologies Coning and Threading Tool Kits are available for medium pressure (CTK-M), high pressure (CTK-H), or for both medium and high pressure (CTK-C).



Check our online
catalog at
www.maxprotech.com

Print catalogs available,
call or e-mail today.



Air Amplifiers

30 psi to 4,350 psi

Air amplifiers are designed to boost plant air pressure or increase the supply air pressure at work stations and pneumatically operated machinery when the available working pressure is insufficient. Air operated tools become more efficient when coupled with air amplifiers. These amplifiers are capable of generating pressures from 30 psi to 4,350 psi.

Applications:

- Boost insufficient air pressure at work stations
- High pressure air cleaning
- Drive pneumatic cylinders
- Improve efficiency of pneumatic tools and machinery
- Boost air for parts removal, and automation equipment for injection molding



7728 Klier Drive South • Fairview, PA 16415

Phone: 814-474-9191 • Fax: 814-474-9391

Web Site: www.maxprotech.com • E-mail: sales@maxprotech.com

Liquid Pumps

Air Driven from 60 psi to 60,000 psi

Series PPO, S and S-D - Oil or Oil/Water Mixture Service Pumps

Liquid pumps are ideal for powering a variety of oil/hydraulic operations because they are light weight, offer a wide range of pressure ratios and feature rugged construction. This pump series offers pressures to 14,500 psi.

Series PP, L and Hand Lever Pump - Water or Oil Service Pumps

PP and L series pumps are available in single or double acting models with single or double air drive heads and stainless steel materials, making them an excellent choice for water applications.

PP series pump pressures to 60,000 psi and are available with a hand lever option, pressures to 31,900 psi. L pump pressures to 60,000 psi.

Series PPSF and LSF Pumps - Chemical Service Pumps

PPSF and LSF series pumps are similar to the PP and L series described above and feature a distance piece and PTFE seals to address the specific requirements of chemical service. PPSF pump pressures to 14,500 psi and LSF pump pressures to 23,200 psi.

Series GX

GX series is the largest of our liquid pumps. It provides high flow of most any fluid and is built of corrosion resistant materials. GX pump pressures to 15,225 psi.

Series DC

DC series pumps are dual component liquid pumps capable of pumping two different liquids at the same time in a corrosion resistant environment. DC pump pressures to 2,900 psi.



Applications:

- Lifting tables, scissor jack lifts, beam jacking and aircraft jacking
- Hydraulic operations such as clamping devices, punch and pin presses, grippers, chucks and valve actuation
- Hot and cold isostatic presses, filter presses, clamping and hydraulic press actuation
- Tooling and tightening functions such as actuating cropping, crimping, cable shears and pipe bending tools; bolt tensioning and torque wrenches.
- Paper uses such as roller tensioning and operating cutters or knives
- Hydrostatic testing of valves, tanks, pressure vessels, pressure switches, hose, pipe and tubing, pressure gauges, cylinders, transducers, well casings, BOPs, gas bottles and aircraft components. Fatigue testing of all of the above components, leak testing and relief valve setting.
- Operation and control of well service and well head equipment, emergency shutdown systems for oil and gas wells.
- Miscellaneous uses for lubrication systems, trash compactors, powering small transfer cylinders, extraction of press fit gears and fittings, replacement of hand pumps, calibration of pressure gauges and transducers and pressurization of pressure vessels for testing various components. Hand pumps are helpful for remote locations.

Accessories

Maxpro Technologies offers a wide variety of accessories to assist the installation and use of High Pressure Products.

For more information, visit our website at www.maxprotech.com.



Repair services available with guaranteed quality workmanship and cost effective quick turnaround.

MAXPRO also offers original manufacturer parts and repair kits.

Gas Boosters

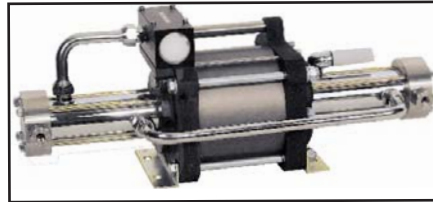
Air driven from 30 psi to 21,750 psi

Gas boosters are an excellent alternative to high pressure stationary type compressors. These boosters offer a compact, lightweight design that requires no electrical power or lubrication, thereby providing a more flexible and efficient source for delivering high pressure gas.

Gas boosters will compress gases such as nitrogen and argon up to 21,750 psi, while oxygen can be compressed up to 5,000 psi using special cleaning procedures. A wide variety of other gases can be compressed including hydrogen, natural gas, ethylene, nitrous oxide, neon, carbon dioxide, carbon monoxide and breathing air. Consult MAXPRO for special seals, venting or cleaning requirements for these gases.

Applications for Breathing Air Booster Systems for filling and charging:

- Industrial plant and fire safety air cylinders
- Municipal fire department storage cylinders
- SCBA or “escape” tanks
- Scuba dive tanks
- Rebreather diving bottles



Applications for Gas Boosters:

- Hydrogen fuel cell and alternative fuel research
- Gas leak testing and leak detection systems
- Charging of accumulators
- Boosting gas pressures from nitrogen generators
- Nitrogen injection for molding machines
- Low pressure autoclaving

Power Packs, Test Carts, Pump Skids and Test Benches

Maxpro Technologies custom engineers several types of systems which are designed to meet specific customer requirements.

Applications for Pump Systems:

- Hydrostatic testing
- Cycle and fatigue testing
- Hydraulic Power
- Leak testing
- Burst testing

Applications for Air Amplifier Systems:

- Boost pressure to pneumatic tools, clamps and cylinders
- Maintain elevated pressures to machinery and test equipment
- Provide high pressure air for robotics and injection molding

Applications for Nitrogen Booster Systems:

- Servicing inflatable “pop floats” on aircraft
- Filling tires
- Servicing shock struts and charging hydraulic accumulators
- Nitrogen charging of accumulators
- Breathing air systems for scuba and fire department tanks

Applications for Oxygen Booster Systems:

- Aircraft on-board oxygen tanks
- Scuba dive tanks
- Fire, safety and rescue SCBA back packs
- Rebreather diving bottles



All air driven equipment and valves and fittings are products of Maximator®



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Fax 814-474-9391 • www.maxprotech.com

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