

Atlas 2.5 Pneumatic Piston Pump®

PRODUCT OVERVIEW

- Operational depth: Up to 813 ft.; 248 m.
- Flow range: Up to 11.5 US gpm; 43.5 lpm

APPLICATIONS

- Hot, harsh environments
- Sinking liquids remediation
- Extended duty
- Extreme cold
- Pumps at any angle, even horizontal
- Difficult landfill leachate
- Gas condensate recovery
- Gas-well dewatering

DRIVE MOTOR

- Most powerful model – works in extreme cold
- Pumps virtually any liquid
- Best for demanding situations
- Power and connections above well;
- no high-pressure air down in the well
- Quick, easy, less-frequent servicing – no pump pulling
- No greenhouse gas or exhaust-air emissions
- Does not stall under vacuum
- Pumps at controlled rate; reduces risk of over-pumping and silting
- Motor is safely and cleanly away from liquid being pumped
- Only two large, rugged seals – simple maintenance
- Runs wet or dry without damage

DOWNHOLE COMPONENTS

- Down-well assembly, the standard for reliability
- No metal-to-metal wetted moving parts; resists chemical encrustation, bio fouling and abrasion
- Superior-quality drive pistons have extended service life, proven in the field
- Unitary fiberglass drive rod and patented connectors pump past 800 feet (250 m)
- Pumps come ready to plumb and plug in
- Can pump at any angle, including horizontal
- Mix components for customized needs
- System delivered as complete package



**MOST POWERFUL
PNEUMATIC MOTOR**

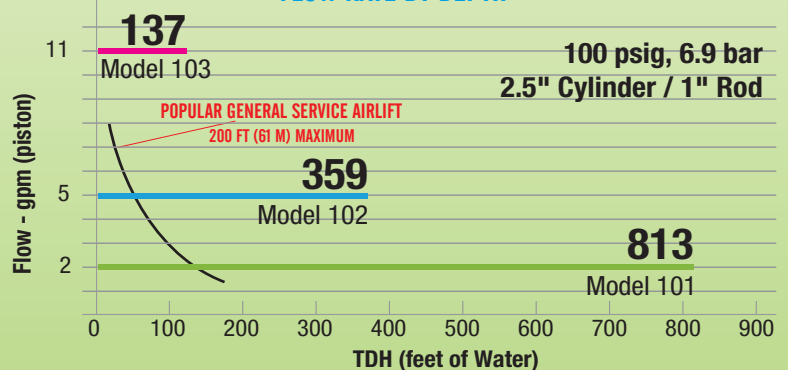
**BETTER PERFORMANCE
AT LOWER COSTS**

For Challenging Situations

Blackhawk Technology's most powerful pneumatic, the highly reliable Atlas Pneumatic Piston Pump®, excels in a broad range of demanding pumping situations, particularly hot, harsh environments, extended duty, winter running and deep wells. Atlas handles virtually all liquids, including coal tar, gases and other difficult product. The Atlas drive motor operates cleanly and simply above the

wellhead, a next-generation answer to ongoing issues with electric submersibles and airlift models. As with other Blackhawk piston pumps, the Atlas design eliminates the need for high-pressure air down the well and operates without emitting greenhouse gases or exhaust air. Three models are available to match air consumption, flow and depth specifications. All can be customized for specific site requirements.

BLACKHAWK PISTON PUMPS VS. GENERAL SERVICE AIRLIFT PUMPS FLOW RATE BY DEPTH



Blackhawk positive-displacement piston pumps provide uniform flow, unaffected by depths. General service airlift performance diminishes significantly as depth increases.

Atlas 2.5 Pneumatic Piston Pump®

MOST POWERFUL; FOR CHALLENGING SITUATIONS



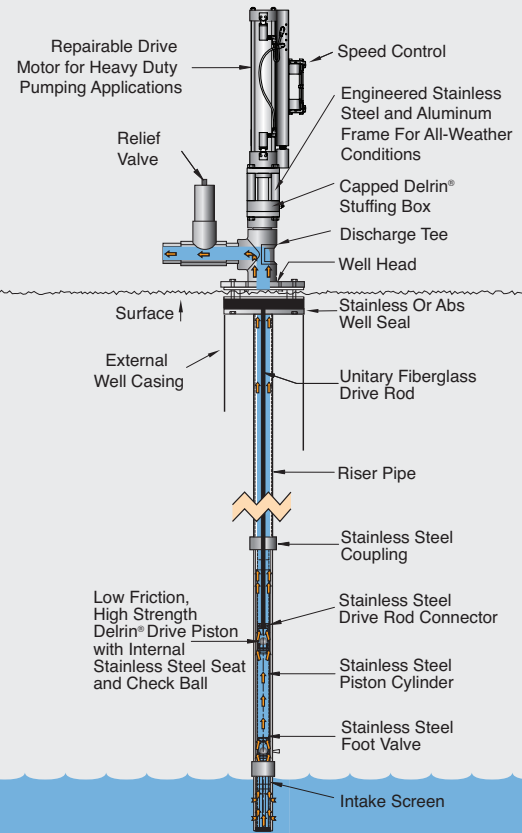
Atlas (shown in extended version) in winter operation.

Simple, three-input control

Drive motor spaced above the well head

Surface-mounted, capped stuffing box with drain port indication; only two seals

High-strength, low-friction drive piston and foot valve with stainless-steel down-hole cylinder are designed for long pumping life



About Blackhawk Technology

Blackhawk Technology Company is the originator and the No. 1 manufacturer of above-wellhead, positive-displacement piston pumps - leading-edge technology refined by more than 20 years of customer-driven improvements. Blackhawk continues to introduce innovative products to the industry's most comprehensive line of electric, pneumatic, solar and windmill-driven piston pumps and pump supplies, all designed to withstand the harshest weather and

downhole pumping environments.

Founded in 1990, the company originated landfill and groundwater remediation piston pumps now covered by several patents and marks, with more pending. No company offers more real-world piston-pumping experience in tough landfills, chemical facilities, hydrocarbon production and remediation sites throughout North and South America, Europe, Asia, Africa and Australia.

Visit www.blackhawkco.com to see why motors above the wellhead mean less-costly, more compliant, safer operations.

The best-performing environmental pump in the business

