

Blackmer Mobile LPG and NH₃ Transfer Pumps

TLGLF Series Flange Mounted Bobtail and Transport Pumps

These sliding vane pumps are perfect for use on LPG truck and transports, and are designed to provide sustained performance, trouble-free operation and simplified maintenance.

TLGLF Series pumps flange-mount directly to a commercial internal control valve, in combination with the tank of a bobtail or transport. Direct mounting eliminates the need for inlet pipes, shut-off valve and external strainer, which can restrict flow and cause vaporization problems. The results are smoother operation, greater reliability and longer pump life.

Features & Benefits

- Equipped with double-ended drive shaft for clockwise or counter-clockwise rotation
- Auxiliary intake port for emergency unloading of another tank or transport
- Buna-N mechanical seals and Duravanes® for handling LP Gas and Anhydrous Ammonia

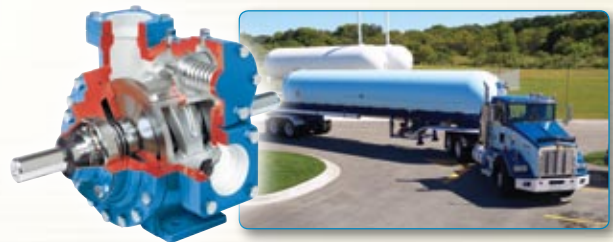


LGL/LGLD Multi-Purpose Transport Pumps

Blackmer designed these rugged pumps for bobtail and transport duty. Engineered to go wherever they are needed, these models are mounted to the truck chassis or to a steel pad welded to the tank. Single or double-ended drive shafts provide flexibility in positioning for clockwise or counter-clockwise shaft rotation. The 3- and 4-inch models can be mounted to a transport in a number of ways, generally near or between the tank landing gear brackets. Truck-mounted pumps are normally driven through a P.T.O. or hydraulic drive system.

Features & Benefits

- Buna-N mechanical seals and Duravanes® for handling LP Gas and Anhydrous Ammonia
- All assembled pump units available with or without electric motors



LGLH2 High Pressure Pumps

Based upon Blackmer's industry standard LGLD2 transfer pump, the LGLH2 has the strength to handle the toughest jobs. Capable of feeding a vaporizer in the middle of winter and the exceptional strength to pump from a bobtail to the top of an 8-story building, the LGLH2 has the muscle to get the job done. Its broad LPG/NH₃ capabilities include high-capacity fueling, aerosol filling, vaporizer feed and other high differential pressure liquefied gas applications.

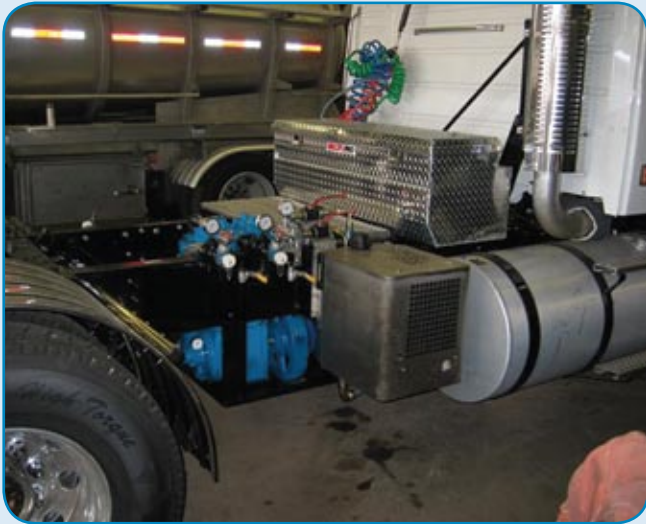


Features & Benefits

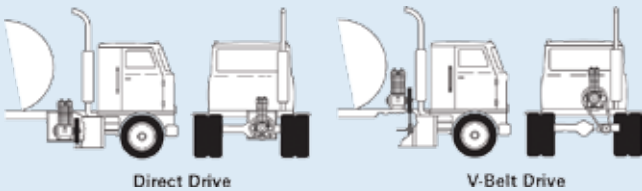
- Designed for high differential pressure of 165 psi (11.4 bar)
- Motor speed operation up to 980 rpm
- Dimensionally interchangeable with the LGLD2
- Excellent self-priming and dry run capabilities

Transport Mounted Compressors

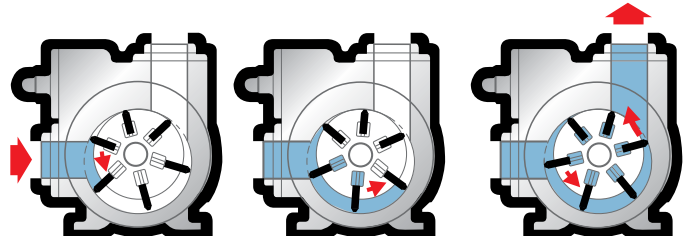
Blackmer compressors can also be mounted on transports with direct drive or V-Belt drive, as shown below.



All Compressor models are available with or without motors or accessories. Special engine drives, control panels and custom emergency evacuation units can be furnished on a special order basis.



Blackmer Sliding Vane Pumps



How a Blackmer Sliding Vane Pump Works

Blackmer Mobile LPG Pumps utilize our unique sliding vane design, giving these positive displacement pumps the best combination of sustained high level performance, energy efficiency, trouble free operation and low maintenance cost. All models feature internal relief valve, replaceable casing liner and end discs for easy rebuilding of the pumping chamber if ever required.

- High efficiency pumps require less horsepower, more energy savings
- High capacity at lower speeds means reduced wear
- Self-adjusting vanes keep performance consistently high

Bypass Valves

Suitable for LPG and anhydrous ammonia, differential bypass valves protect pumps and system components from damage caused by excessive pressure. No mobile LPG/NH₃ pump installation is complete or safe without one. There are no small sensing passages to get easily plugged and with only two moving parts, operation is simple and reliable.



Contact your Blackmer Distributor

Your Blackmer Distributor can help you find the correct mobile LPG/NH₃ equipment to ensure the best possible performance for your specific application.

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