



From The Experts in **MISSION CRITICAL** LPG Transfer Solutions

You may be
losing revenue every
time you flare a bulk tank!
**There's a
better way...**

Introducing

Blackmer's Mobile LPG Evacuation Unit

Flaring could be purging your profits. Blackmer has a mobile evacuation solution with a flair for recovering lost revenue while paying for itself.

Blackmer's compressors are at the heart of this safe and profitable alternative to bulk tank flaring. Each unit features a base with forklift slots and/or lifting eye-bolts that allow for easy mounting on a truck or trailer, or placement on the ground.

Whether evacuating storage tanks and transports, or transferring liquid, Blackmer's oil-free gas compressors deliver high efficiency in handling propane, butane, anhydrous ammonia and other liquefied gases.

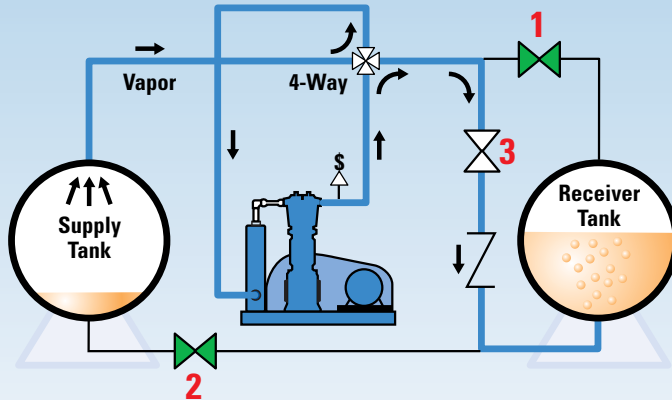
Mobility, coupled with Blackmer's long history and proven reliability for liquid transfer and vapor recovery, makes this unit ideal for:

- Remote stationary tank gas evacuation
- Routine tank maintenance
- Internal and safety valve replacement
- Assisting with other piping or equipment upgrades
- Truck/transport maintenance and hydro testing
- Emergency transfers from mobile tanks or tank cars due to accidents or derailments
- Any place where electric power is limited or not available

Whether evacuating bulk tanks and transports for repairs or system upgrades, Blackmer's LPG transfer solutions can be counted on to deliver. Contact Blackmer or your local distributor for application assistance.



The Process of Vapor Recovery



1. Valves 1 and 2 are closed. Valve 3 is open.
2. The 4-way valve handle is turned 90° to reverse the flow direction through the compressor.
3. Vapors are withdrawn off the top of the supply tank.
4. The vapor passes through the 4-way valve and the liquid trap into the compressor inlet.
5. The vapors are compressed and pushed into the liquid section of the receiver tank.
6. The vapor bubbles are condensed by the liquid in the tank.

Trust Those Who Trust Their Equipment

Blackmer provides an extended warranty on LPG pumps and compressors that covers 36 months after installation. Blackmer also gives a One-Year Performance Assurance that provides free replacement components. Learn more about the extended warranty and Performance Assurance by visiting our web site – www.blackmer.com.

Better Get Blackmer

(616) 241-1611

www.blackmer.com

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2011 NFPA 58 Compliance Could be the Opportunity You've Been Waiting For

With a Mobile Evacuation Unit you serve your customers more effectively and your service calls provide you many opportunities to recoup your investment, again and again! Whether you use your Mobile Evacuation Unit only on your retrofit jobs or rent it to contractors, your new revenue stream will be a profitable one for your business.

"We used to manually flip propane tanks to empty them and burn off the pressure. It was hard, messy and dangerous work. So we did the math on a Blackmer compressor and pump and it was a no-brainer. We've since put 40-45,000 gallons (151-170 m³) of gas back in our storage tanks. This is the best investment we've made in a long time."

**Greg Smith, Operations Manager,
Bluhms Gas Sales, Laceyville, PA**



The ROI of LPG Vapor Recovery

LPG operators can no longer afford not to recover every possible gallon of product from transports, storage tanks and cylinders, or allow routine venting of vapor to the environment. What once was not worth the effort to capture is now not only cost-effective, but very profitable.

Blackmer compressors cost-effectively reclaim both the liquid heel of railcars and tanks and those elusive gas vapors. Vapor recovery is like adding 3% capacity or more to every load you handle. Product recovery is a simple operation and the compressor can quickly pay for itself, again and again.

Tank Type	Tank Size	Liquid Heel	Recovered from Vapor*	Total Recovered*	One-time Recovered Value for Amortizing Investment**
Tank	30,000 gal. (113 m ³)	150 gal. (568 L)	1,110 gal. (4.2 m ³)	1,260 gal. (4.7 m ³)	\$2,079.00
Tank	18,000 gal. (68 m ³)	90 gal. (340 L)	666 gal. (2.5 m ³)	756 gal. (2.8 m ³)	\$1,247.40
Transport	11,200 gal. (42 m ³)	56 gal. (212 L)	414 gal. (1.5 m ³)	470 gal. (1.7 m ³)	\$775.50
Bobtail	3,000 gal. (11 m ³)	15 gal. (57 L)	111 gal. (420 L)	126 gal. (477 L)	\$207.90

* Product and vapor recovery results may vary depending on several factors, including tank size, air temperature and price per gallon of product. Assumptions used include 80° F ambient air temperature, 160 psig and recovery based upon final stopping point of 15% of original vapor pressure beyond which it is not cost-effective based upon time and effort required for continued recovery. ** At \$1.65/gallon liquid product cost.

How Much Could Vapor Recovery Mean to You?

The illustration above is an example of the gallons that could be recovered under one realistic scenario. This is a one-time savings illustration, so your savings could increase based upon the number of deliveries, tank evacuations and vapor recoveries you do per week, month, etc.

Your Blackmer Distributor can assess your product and vapor recovery needs and recommend the compressor configuration to meet your specific situation. He or she will also evaluate your individual operation to illustrate how your initial investment might pay for itself over time.

Distributed by:



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