



BLACKMER  
**Sustainability**

Delivering  
Value Through

**PRODUCTIVITY  
and  
ENVIRONMENTAL  
PROTECTION**



# Blackmer's Commitment to Sustainability

At Blackmer®, sustainability goes to the core of what we do. It's part of the fabric of our culture, and its essential role in our business starts with our Mission Statement. We strive to provide customers with products that enable them to reduce energy consumption and preserve natural resources. We call these products Blackmer **Smart Energy™ Solutions**.



Our commitment to sustainability starts right here in our Grand Rapids, MI (USA), manufacturing plant. Consultations with environmental engineers combined with our own research into manufacturing Best Practices have resulted in a progressive, productive workplace that maximizes energy efficiency while minimizing global ecological impact. This investment will pay dividends for years to come, not just with the products that we make, but also by producing them in a way that minimizes negative implications for the environment. Blackmer is focused on providing effective solutions that help to protect our environment and build a more sustainable future for our world.



## Blackmer Mission

Deliver exceptional value to customers by helping them:

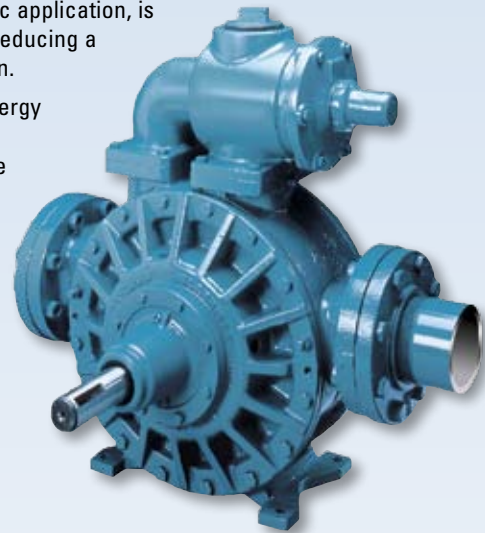
- Optimize productivity and profitability
- Improve safety and environmental protection

## Core Technologies that Protect our Environment and Preserve Resources

### Blackmer's Sliding Vane Pumps

Pumps account for nearly 27% of total electricity use in the industrial sector. Using the right Blackmer pump technology, properly sized for a specific application, is an important step toward reducing a plant's energy consumption.

By virtue of its inherent energy and mechanically efficient design, Blackmer's positive displacement sliding vane pump technology is uniquely suited to offer its customers immediate, high-value advantages and solutions in fulfilling their energy-saving initiatives.



### Recovering Vapors with Blackmer Compressors

At Blackmer, we provide market-leading solutions worldwide for the safe transfer and recovery of LPG, NH<sub>3</sub> and other liquefied gases. Blackmer pumps, compressors and mobile evacuation units help to improve air quality by safely and efficiently eliminating the need to vent or flare vapors.

Salvaged liquids and vapor provide environmental benefits, as well as a positive return on investment. The ecological benefits help to reduce harmful emissions into the atmosphere, as well as decrease consumption of our natural resources.



## It Starts at Home

Along with offering efficient Smart Energy™ solutions to our customers, Blackmer is committed to employing sustainable practices at our own manufacturing and office facility. Although the current plant has been in existence since Blackmer's move to Grand Rapids, Michigan, USA, in 1925, it is currently a model of 21st Century modernization. This did not, of course, occur by chance! An aggressive, ongoing program has minimized the ecological impact of the plant and enhanced its overall efficiency. These enhancements have touched every department, from the front office to the foundry. Examples include energy-efficient lighting replacing inefficient mercury vapor fixtures; R-12 thermal windows replacing old single panes; cardboard which is recycled into packing materials; and outdated liquid-cooled equipment that taxed city water and sewer resources replaced with highly efficient air-cooled models. The list of improvements – which is constantly growing as new technologies evolve - is the foundation of today's lean, progressive and environmentally sensitive operation.



Blackmer's world headquarters in Grand Rapids, Michigan



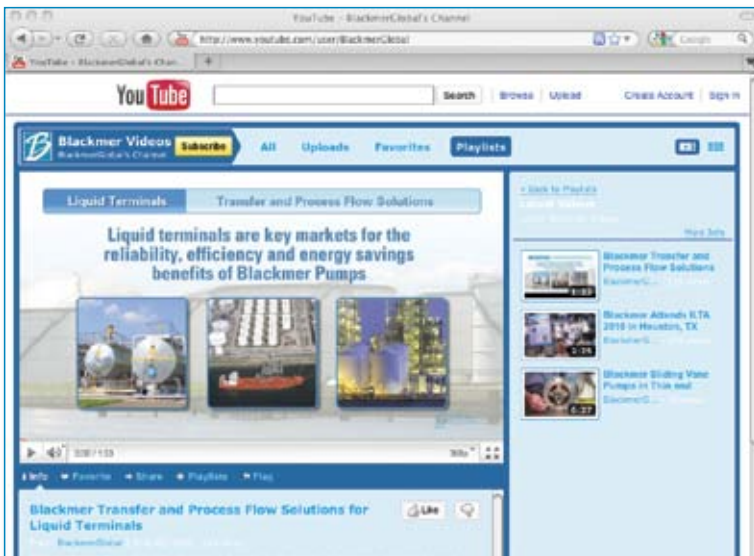
## www.BlackmerSmartEnergy.com

Blackmer's energy-efficient flow solutions are evidence of our commitment to environmental sustainability. This Web site was designed to be a functional and informative resource when evaluating positive displacement pumps, specifically, how the sliding vane pump can reduce energy costs and improve system performance. Features of the Web site include:

- Details and Videos of Blackmer Technologies
- Overview of Relevant Energy Policy
- Comparative Pump Selection Data
- Interactive Energy Calculator

## Telling Our Story


The Blackmer Channel on YouTube features instructional videos, animations and testimonials. Visit us at [www.youtube.com/user/BlackmerGlobal](http://www.youtube.com/user/BlackmerGlobal).



"We've doubled our volume since upgrading to Blackmer pumps, but our electric bill has stayed the same, even with the increase in rates. That's a tribute to Blackmer pumps and their efficiency."

### Glenn Gibisch, Vice President and COO

Seeler Industries, 3 Rivers Terminal  
Joliet, IL, USA

 Glenn's story is now on  
Blackmer's YouTube channel at  
[www.youtube.com/user/BlackmerGlobal](http://www.youtube.com/user/BlackmerGlobal)

"A dollar saved on energy, maintenance or production is equivalent to \$17 in sales income (assuming a 6% gross profit margin)"

—Northwest Energy Efficiency Alliance

## A Message From Tom Madden

*Vice President, General Manager*

Here at Blackmer, we may make pumps and compressors, but what we really offer our customers are efficient solutions. Blackmer has a rich legacy filled with technological advances. We help make our customers productive, but we also help them protect and conserve natural resources. Every Blackmer employee plays a vital role in this process. We are proud to engineer and manufacture products that help sustain our environment, and make them in a way that minimizes our own environmental impact.

**sus-tain'a-ble** \sə- 'stā-nə-bəl\ *adjective* | circa 1727

**1:** of, relating to, or being a method of harvesting or using a resource so that the resource is not depleted or permanently damaged **2:** of or relating to a lifestyle involving the use of sustainable methods



"We use Blackmer pumps for our 800-unit cab fleet requiring about 9,000 gallons (33 m<sup>3</sup>) of propane a day. Now, we move fast, filling 6 or 7 cars at a time. Blackmer compressors run our tank evacuation and vapor recovery, too, returning thousands of gallons of fuel and vapor to our 60,000 gallon (226 m<sup>3</sup>) storage tanks."

**Aaron Cohen**

Director, Automotive Services  
Nevada Yellow-Checker-Star Cab Company,  
Las Vegas, NV, USA



**BLACKMER**  
**Sustainability**

*Blackmer is proud to be a company that designs and manufactures productive solutions that help to provide long-term environmental sustainability.*



[www.blackmer.com](http://www.blackmer.com)



Process | Energy | Military & Marine

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