

EXPERT SOLUTIONS FOR TRANSPORTATION APPLICATIONS



MOVEX

Blackmer

Where Innovation Flows



LIQUIDS

MUVEX

Blackmer

Excellent chemical resistance, environmentally safe, low cost trouble free solutions for the most demanding liquid transport vehicle needs.

Perfectly suited for the most challenging liquid transport or railcar unloading applications.



CHEMICAL



FOOD



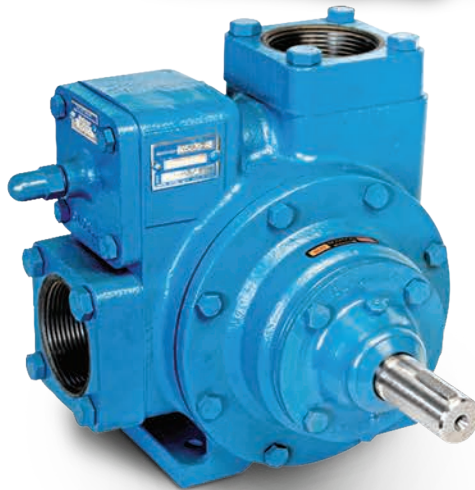
BITUMEN



ENERGY

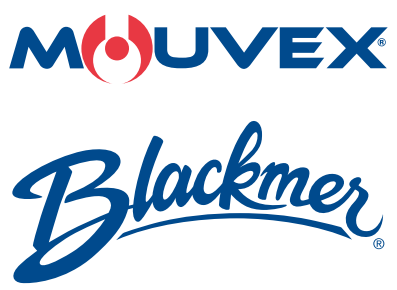


LPG

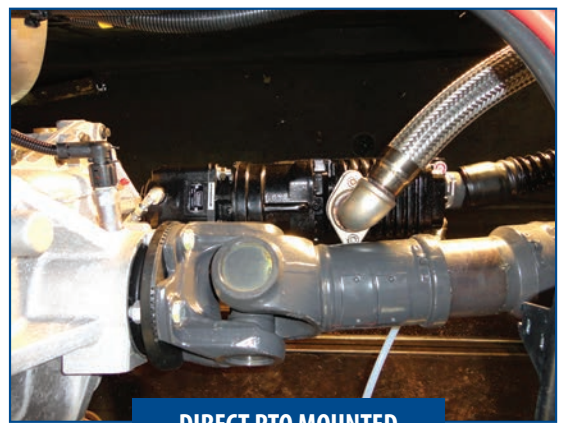




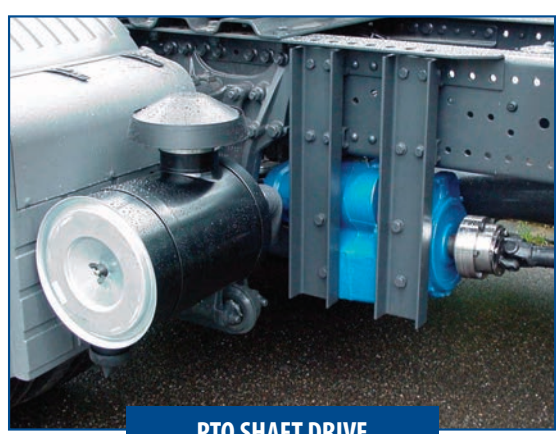
DRIVING SYSTEMS



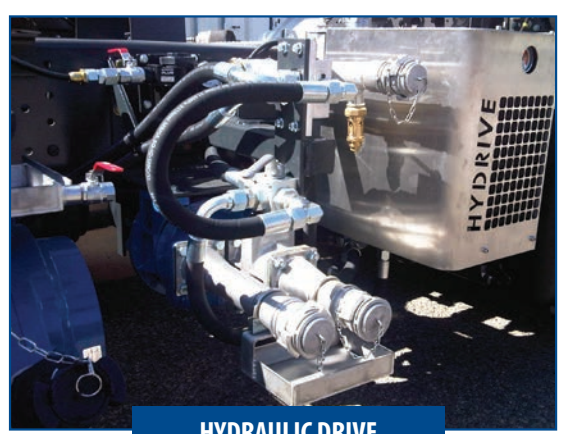
DIRECT GEAR BOX MOUNTED



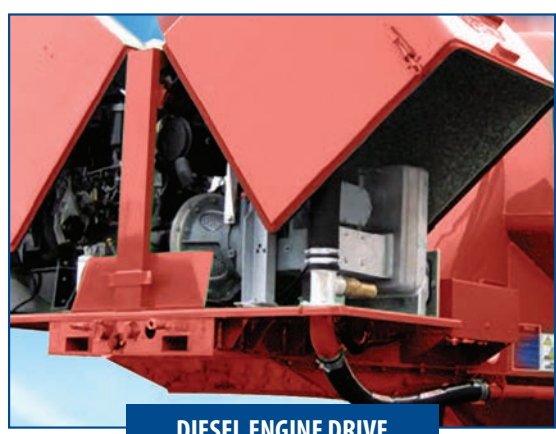
DIRECT PTO MOUNTED



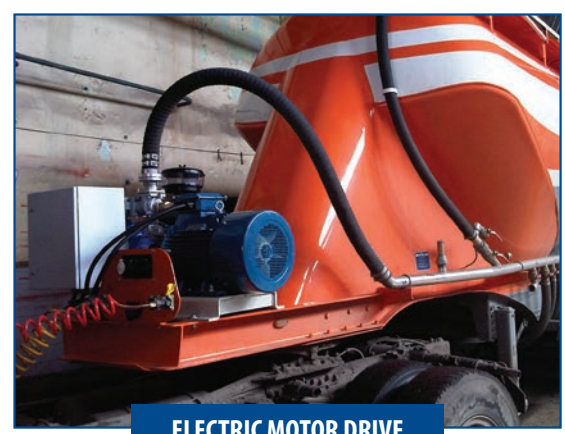
PTO SHAFT DRIVE




HYDRAULIC DRIVE



DIESEL ENGINE DRIVE



ELECTRIC MOTOR DRIVE



DRY BULK



The complete Modular Screw Compressor product line to provide mobile solutions to off-load the most difficult dry bulk products.

MB • DAF • IVECO • MAN
RENAULT • SCANIA • VOLVO



Direct Driven Kit Systems



Low Space Direct Driven
Non-Cooled Systems

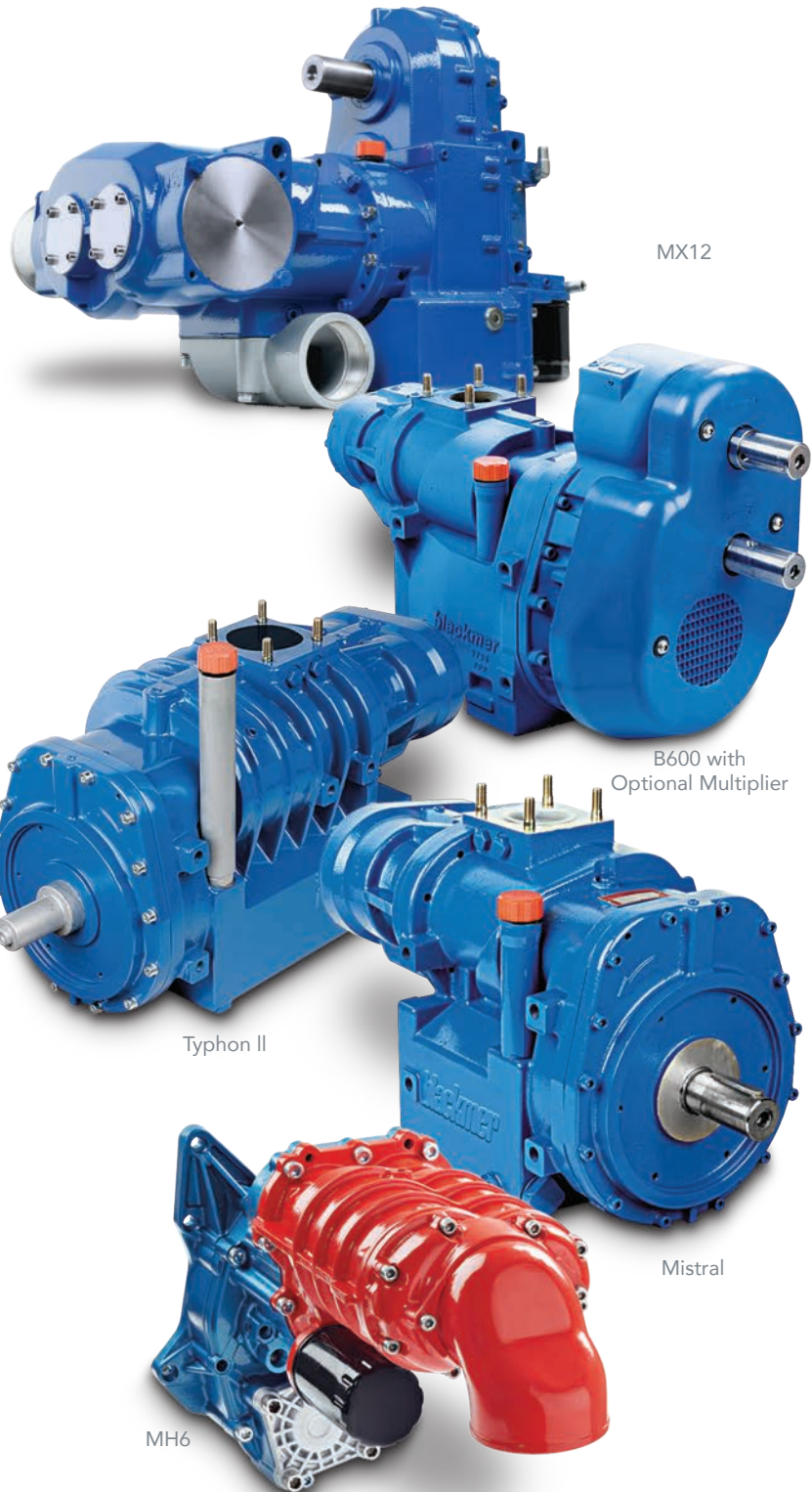


Direct Driven
Inter Cooled Systems

Mouvex® is one of the leading global suppliers of oil-free screw compressors for dry bulk transport tankers.

A wide range of machines providing airflow from 250 to 1130 m³/hr (147 to 518 cfm) against 2.5 bar (36 psi). Mouvex® has developed modular systems, cooled and non-cooled, fitted with common accessories for PTO direct drive systems that can be mounted inside the truck frame regardless of the compressor type. The screw compressor packages can be easily installed onto all truck manufacturers chassis. Optional drive systems include pulley (V-belt) driven, hydraulic drive, electrical motor or engine drive. Mouvex screw compressors safely convey a wide range of bulk products ranging from fine powder to granulates.

- Cement
- Flour
- Lime
- Cereals
- Calcium
- Sand
- Plastic Pellets
- Gravel
- Animal Food



MX12

B600 with
Optional Multiplier

Typhon II

Mistral

MH6

Chemical products are often shear sensitive, corrosive and dangerous to transport and unload.

This requires environmental regulations and safety standards be followed. In accordance with the regulations, Mouvex® and Blackmer® offer two alternatives:

1 Unloading by compression (no part is in contact with the pumped product).

The B200 and Enterprise range of compressors provide airflow rate of 50 to 200m³/hr (29.4 to 118 cfm) at 2.5 bar (36 psi), and offer simple and effective solutions to the most difficult applications.



B200

CC20

2 Unloading by pumping.

Mouvex and Blackmer offer a variety of different pumping technologies in cast iron or stainless steel (vane pumps, Mouvex technology eccentric disc pumps) which can be easily incorporated into mobile or stationary systems. The flow rate of up to 60m³/hr (265 gpm) offers economical and suitable solutions for the transfer of the simplest to the most demanding products.

- Solvents
- Acids
- Bases
- Additives
- Liquid Waste
- Liquid Fertilizers
- Fertilizers
- Detergents
- AdBlue® (DEF)
- Urea



P Series

STX3

E-140

TXD



Bitumen and its derivatives are very difficult products to transport and unload (e.g., temperature, viscosity, safety). Mouvex® and Blackmer® offer three alternatives:

- **AM NOYEE** offers a complete and multi-functional solution that does not require a reheating system.

The system enables loading, mixing, unloading, transfer and flushing. The AM NOYEE concept has the pump submerged into the product and provides 40m³/hr (176 gpm) at 3.5 bar (50 psi). Maximum product temperature 200° C (392° F).

- **Unloading by compression (no part is in contact with the pumped product).**

The B200 and Enterprise compressors provide airflow rate up to 200m³/hr (118 cfm) at 2.5 bar (36 psi), and offer simple and effective solutions for the most difficult applications.

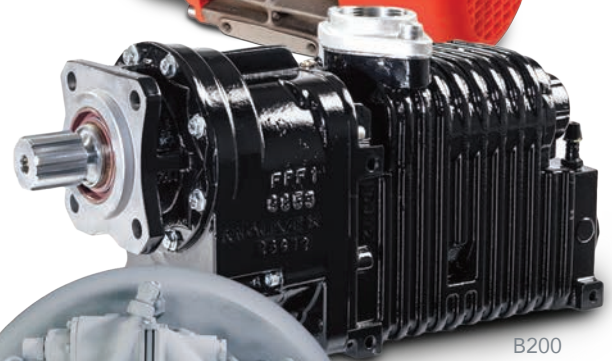
- **Or unloading by pumping.**

The Mouvex P Series and Blackmer NP Series of vane pumps have optional jackets or electric cartridge heating systems that can be easily incorporated into mobile or stationary systems. Flow rates up to 80m³/hr (352 gpm) at 12 bar (175 psi).

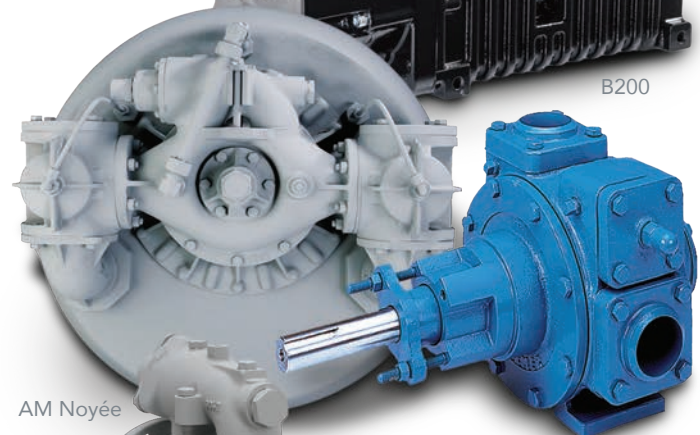
- Heavy Fuel
- Emulsions
- Bitumen
- Fluxes
- Elastomer Bitumen



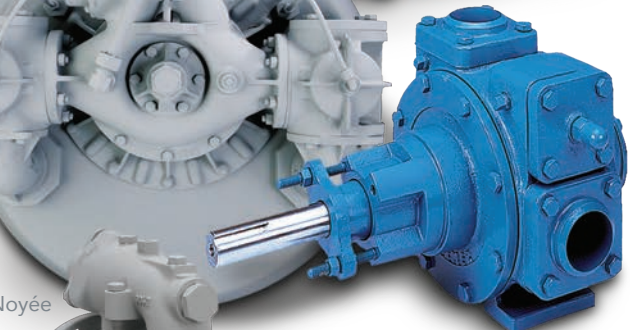
E-140



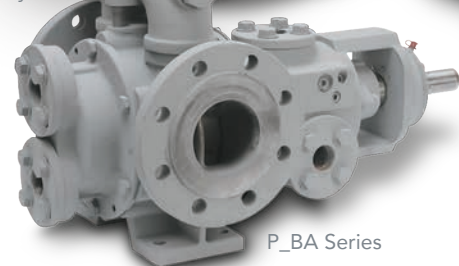
B200



AM Noyée



NP

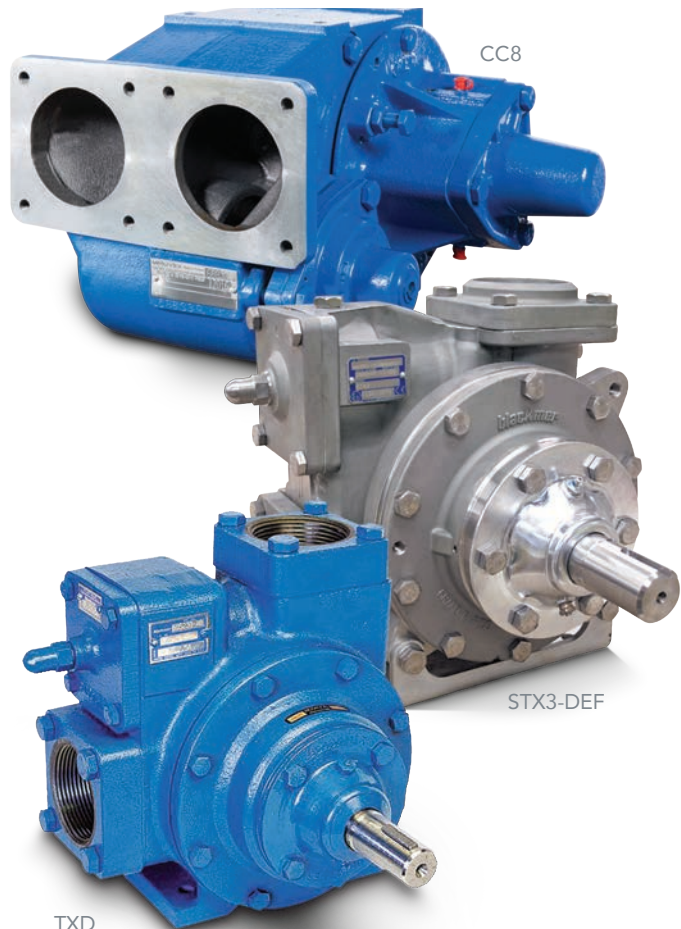
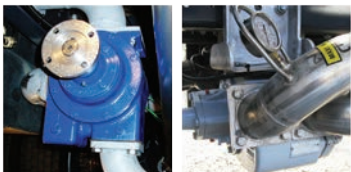


P_BA Series

Mouvex® and Blackmer® are the global leading manufacturers of the original vane pumps recognized for high quality, long service life and high performance pumps.

They offer the largest range of pumps available in the market, to meet all customer expectations and Energy applications. Energy transfer applications include gasoline, fuel oil, kerosene, home heating oil, biofuels, lube oils and many other petroleum products. Mouvex and Blackmer can provide flow capacities from 30 up to 92 m³/h (132 to 405 gpm). Fluids or viscous products ranging from light biodiesel to heavy fuels or lubricants can be pumped in either metered or non-metered distribution systems. Pumps like the well known Mouvex CC8 and Blackmer STX and TX Series pumps will satisfy the most demanding applications

- Petroleum Products
- Diesel Fuel
- Home Heating Oil
- Kerosene
- Biofuel or Biodiesel
- Ethanol
- Heavy Fuel
- Mineral Oil
- AdBlue® (DEF)





MOUVEX®

FOOD



PSG
a DOVER company

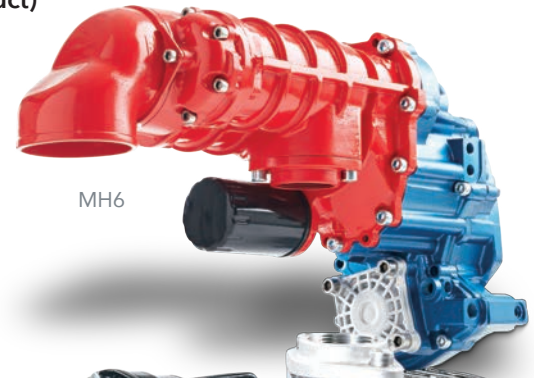
Where Innovation Flows

Specially designed for food products, Mouvex® solutions are adapted to meet the transport hygienic demands as well as those of unloading delicate and shear sensitive products.

- Unloading by compression (no part is in contact with the pumped product)

The B200 and MH6 oil-free screw compressors can be directly mounted to the PTO. The screw compressors provide clean compressed air free of all contaminating particles and provide airflow rate of 50 to 600 m³/h (29 to 353 cfm) at 2.5 bar (36 psi).

- Glucose Syrup
- Concentrate
- Fruit Juice
- Chocolate
- Vegetable Oil
- Brine
- Blood
- Mustard



MOUVEX®

ZI la Plaine des Isles • 2 rue des Caillottes
F-89000 Auxerre, France
P: +33 (0) 3 86 49 86 30
contact.mouvex@psgdoover.com
psgdoover.com/mouvex

Blackmer

LPG



Where Innovation Flows

Blackmer® is the leading global provider of equipment to service both mobile and stationary LPG applications and Transfer installations.

Blackmer high quality, UL Listed pumps and reciprocating compressors are manufactured in their Grand Rapids, Michigan, USA factory following stringent ISO 9001:2008 specifications. LPG applications include metered deliveries from bobtails, custody transfer of transport trailers, vapor recovery of storage tanks, dispensers and many more. Blackmer LGL pumps, truck mounted TLGLF pumps and LB reciprocating compressors are used in all liquid transfer and vapor recovery applications. Blackmer LPG pumps are built with the industry-leading cavitation suppression liners. PTO, hydraulic drive and base mounted electric motor drive system may be used on all pump and compressor installations. All products come with an industry-leading warranty to provide worry free service life, excellent performance and the highest level of satisfaction.

Blackmer

1809 Century Avenue SW
Grand Rapids, MI 49503-1530 USA
T: +1 (616) 241-1611 • F: +1 (616) 241-3752
info@blackmer.com
psgdover.com/blackmer

- Propane
- Butane
- Butane/Propane Mixture
- NH₃
- Other Liquefied Gases



LB601

TLGLF3



PSG
ZI la Plaine des Isles • 2 rue des Caillottes
F-89000 Auxerre, France
P: +33 (0) 3 86 49 86 30
contact.mouvex@psgdover.com
psgdover.com/mouvex



PSG Grand Rapids
1809 Century Avenue SW
Grand Rapids, MI 49503-1530
USA
Tel.: +1 (616) 241-1611
Fax: +1 (616) 241-3752
info@blackmer.com
psgdover.com/blackmer



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