



Experts in
**MISSION
CRITICAL**
Transfer and Process
Flow Solutions For



Paint & Coatings

- Unloading
- Transfer
- Processing
- Loading

Paint & Coatings Transfer and Production Process Flow Solutions

Blackmer offers a comprehensive line of flow solutions for the world's most critical Paint & Coatings production missions – yours.

Blackmer pumps move organic and synthetic solvents and resins from petrochemical and oleo chemical processing facilities to transports that are off-loaded, using Blackmer pumps into aboveground or underground storage tanks at paint & coatings facilities. From the storage tanks, Blackmer transfer pumps move the liquid ingredients to sand mills or dispersion mixers and between every phase of the water-borne or solvent-borne paint-making processes, including the filtration and finishing phases to the transport loading and/or container filling applications within paint & coatings plants.

In paint & coatings production, nothing beats a Blackmer for reliability, energy-efficiency, sealing integrity for controlling VOCs and volumetric consistency when transferring difficult-to-handle solvents, resins, additives, and finished products, such as:

- Solvent-borne paint & coatings
- Water-borne paint & coatings
- Petroleum mineral spirits
- Benzol
- Alcohols
- Esters
- Ketones
- Acetone
- Linseed, coconut and soybean oils
- Alkyds
- Acrylics
- Epoxies
- Polyurethanes
- Thickeners/Rheology modifiers
- Surfactants
- Biocides
- Defoamers
- Co-Solvents

When it comes to optimizing flow performance, reducing costs and increasing profitability, the world's most productive operations share a common demand – **Better Get Blackmer.**




ISO 9001 Certified

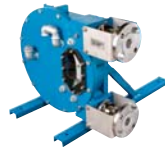
Blackmer Pumps are Designed to Help Paint & Coatings Producers:

- Improve fluid flow efficiencies
- Control costs through energy-efficient pump designs
- Eliminate VOC emissions through seal integrity and sealless, zero shaft-leak pump designs
- Ensure uptime performance - our self-priming, high suction pumps are ideal for applications susceptible to solvent evaporation between batches and for resin transfer from transports or storage tanks even in cold weather
- Control quality by ensuring volumetric output consistency in mixing operations




C Series "Sealless" Eccentric Disc Pumps

 Blackmer C-Series "sealless" eccentric disc pumps offer the industry's most reliable prevention against leaks, VOC release and product loss. The eccentric movement design makes it highly energy efficient and capable of handling abrasives without damage to the pump. The design also allows for constant flow rates at varying pressures and viscosities which eliminates metering and volumetric efficiency problems. The C-Series' clean-in-place flushing and cleaning without disassembly means maximum production flexibility. Concerns about solvent evaporation between batches are eliminated by the C-Series' excellent dry-run and self-priming capabilities. Its constant, no-pulsating flow and sealless design make it ideal for filtration applications.




Abaque Peristaltic (Hose) Pump

 Designed specifically for harsh environments, the Abaque can move everything from viscous, highly abrasive solutions to water without risk of damage to the pump. Applications include thin, non-lubricating fluids, corrosive materials and shear-sensitive materials. The Abaque's sealless design eliminates leaks, contamination, VOC releases and wear problems associated with hard-to-seal products. Ideal for byproduct and waste transfer or where the potential accidental transfer of solid particles or heavy abrasives may be possible.




ProVane® Motor Speed Vane Pumps

 The ProVane® is designed for energy-efficient, high fluid transfer and reliability in process and blending applications. It is ideal for shear-sensitive liquids and wide ranging viscosities while delivering consistent volumetric output to ensure batch quality blending. ProVane® has exceptional suction and self-priming capabilities for moving solvents from underground tanks to mixers and is capable of continuous duty operation for superior uptime performance.




SNP Sliding Vane Pumps

 The unbeatable suction and self-priming capabilities of SNP/NP pumps make them ideal for high-efficiency offloading of resins and solvents from transports and as transfer pumps from aboveground or underground storage tanks to mixers. SNP/NP pumps offer superior sealing, sustained high level performance and trouble-free operation. The stainless-steel construction of the SNP makes it ideal for handling clean, corrosive and non-corrosive liquids at varying temperatures, pressures and viscosities.




SMVP Series "Sealless" Sliding Vane Pumps

 The stainless-steel SMVP pump series offers the energy-efficiency and life cycle advantages of sliding vane technology coupled with a sealless, magnetic coupling to offer "zero shaft leakage" when dealing with hard-to-seal hazardous liquids. The SMVP provides the best available technology for controlling VOC releases from hazardous/toxic fluids, making it ideal for use with solvents where leakage and VOC release cannot be tolerated.




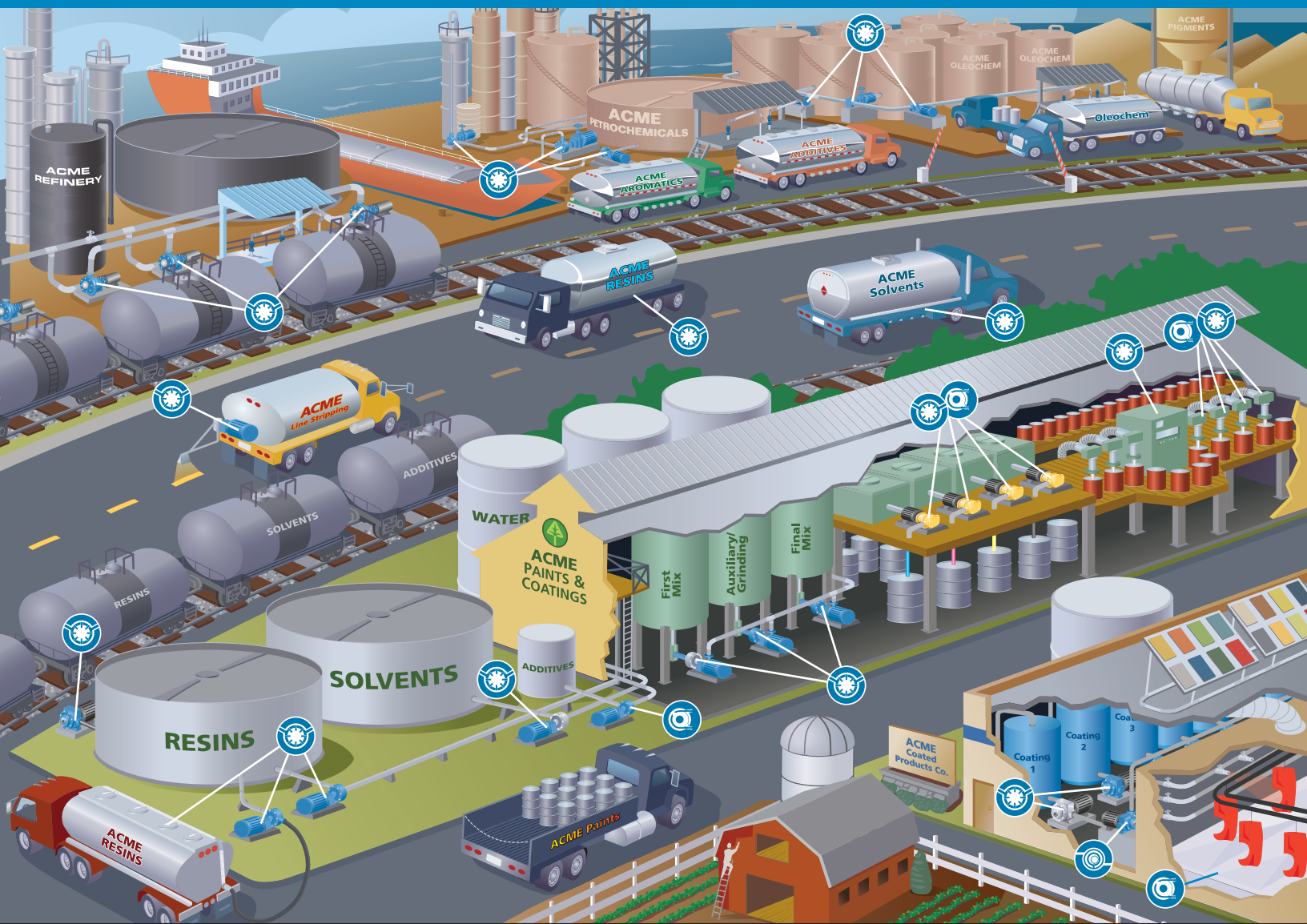
ML/HXL Series Sliding Vane Pumps

 ML/MXL Series pumps are for high-capacity transfer, top and bottom loading, and unloading of resins and solvents. They are ideal as resin transfer pumps from transports and aboveground or underground storage tanks to mixers because of their unbeatable suction, self-priming and run dry capabilities. They are particularly useful in gravity-fed operations in cold weather.



TX Series Sliding Vane Pumps

 Fast, quiet and highly reliable, the TX Series is a truck-mounted transfer pump specifically designed for use on tank trucks and transports for the transfer of solvents and resins.



Processes	Pump Technologies*							
	C-Series ✓	Peristaltic	SMVP	SNP/NP	ProVane®	ML/HXL	TX/TXV	X/GX
Resin Unloading			■	■	■	■		■
Solvent Unloading			■	■	■	■		■
Resin Loading to Mixer	■		■	■	■	■		■
Solvent Transfer to Mixer	■		■	■	■	■		■
Additives Transfer to Mixer	■		■	■	■			■
Product Transfer to Auxilliary Tank	■		■	■	■			
Product Transfer to Grinding/Dispersion Tank	■	■	■	■	■			
Transfer to Final Mixer/Lengthening Tank	■	■	■	■	■			
Transfer to Stocking Tank	■		■	■	■			
Transfer to Drums	■		■	■	■			
Transfer to Pails	■		■	■	■			
Transfer to Transports			■	■	■	■		
Transport & Delivery							■	
Byproduct Waste		■						

*Specific model choice is dependent on material compatibility/shaft seal required per specific fluid type.

✓Ideal for finished waterborne paint & coatings products.

Every Blackmer Product Comes With A Value-Added Extra: Applications Engineering/Technical Support/Customer Care

When it comes to flow solutions, uptime, output, reliability and profitability are critical to every operation's mission. To this end, Blackmer knows that reliable, proven flow technologies are critically important, but we also know that this represents only one part of the overall equation. The other, equally important part involves having trained, knowledgeable and customer-focused staff, which is why we make substantial investments in our people. It is through their collaborative effort with customers that the greatest achievements are realized.



- **Applications Engineers** – experts in peace-of-mind assurance, making sure your equipment is always right for the job
- **Market & Product Specialists** – unparalleled technical knowledge, on-site product training, troubleshooting, installation and product-selection consultation, and total life cycle attention
- **Regional Sales Management** – proven technicians with an “above and beyond” commitment to every customer’s mission
- **Customer Care Specialists** – action-oriented specialists committed to making sure every order receives immediate attention, is accurately processed and followed up, and to helping keep your process flowing smoothly

When you put it all together, for mission critical flow solutions, it's easy to see why leading companies around the world have one common demand ... **Better Get Blackmer.**

Total Life Cycle Support

From the moment of initial contact and equipment selection through every point of the product and application life cycle, Blackmer specializes in helping customers get the maximum value from their flow technology assets by providing total life cycle support.

Application Engineer



ATK-1402-001

Design Engineer



©2008 Blackmer

Manufacturing



Market & Product Specialists



Customer Care



Regional Sales Manager



Process | Energy | Transport | Military & Marine

World Headquarters

1809 Century Avenue SW, Grand Rapids, MI 49503-1530 USA
T 616.241.1611 F 616.241.3752



SLIDING VANE PUMPS



ECCENTRIC DISC PUMPS



CENTRIFUGAL PUMPS



PERISTALTIC (HOSE) PUMPS



RECIPROCATING GAS COMPRESSORS



ROTARY VANE COMPRESSORS



SCREW COMPRESSORS