

Blackmer
Part of Pump Solutions Group®
A DOVER™ COMPANY

Paint &
Coatings
Flow Solutions



Where Innovation Flows

www.blackmer.com

SLIDING VANE PUMPS

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 above ground 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.

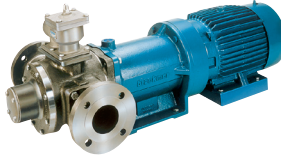
In Paint & Coatings production, nothing beats a Blackmer for reliability, energy-efficiency, sealing integrity for controlling VOCs and volumetric consistency when transferring difficult-to-handle solvents, resins, additives, and finished products, such as:

- 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.

Blackmer Pumps are Designed to Help Paint & Coatings Producers:

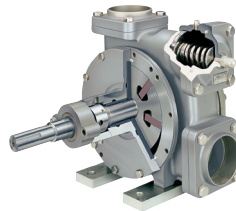
- Improve fluid flow efficiencies
- Control costs through energy-efficient pump designs
- Eliminate VOC emissions through seal integrity and sealless, zero shaft-leak pump designs
- Ensure uptime performance - our self-priming, high suction pumps are ideal for applications susceptible to solvent evaporation 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



SMVP Series "Seal-less" Sliding Vane Pumps



The stainless-steel SMVP pump series offers the energy-efficiency and life cycle advantages of sliding vane technology coupled with a seal-less, 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.



SNP Sliding Vane Pumps



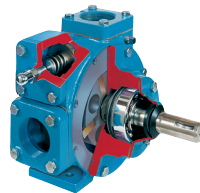
The unbeatable suction and self-priming capabilities of SNP/NP pumps make them ideal for high-efficiency offloading of resins and solvents from transports and as transfer pumps from above ground or underground storage tanks to mixers. SNP/NP pumps offer superior sealing, sustained high level performance 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.



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 above ground 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.









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.



Processes	Pump Technologies*					
	 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.

ABAQUE™
PERISTALTIC PUMPS
mouvex.com

ALMATEC®
AIR-OPERATED
DOUBLE-DIAPHRAGM PUMPS
almatec.de

BLACKMER®
VANE PUMPS & COMPRESSORS
blackmer.com

ENVIROGEAR®
INTERNAL GEAR PUMPS
envirogearpump.com

FLUID DYNAMICS™
POLYMER BLENDING SYSTEMS
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CENTRIFUGAL PUMPS
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MAAG®
PUMP SYSTEMS
PELLETIZING SYSTEMS
FILTRATION SYSTEMS
maag.com

MOUVEX®
ECCENTRIC DISC PUMPS,
VANE PUMPS &
COMPRESSORS
mouvex.com

NEPTUNE™
DIAPHRAGM (METERING) PUMPS,
POLYMER SYSTEMS & MIXERS
neptune1.com

QUATTROFLOW™
FOUR PISTON /DIAPHRAGMS
quattroflow.com

REDSCREW™
SCREW PUMPS
redscrowpump.com

SYSTEM ONE®
CENTRIFUGAL PUMPS
blackmer.com

WILDEN®
AIR-OPERATED
DOUBLE-DIAPHRAGM PUMPS
wildenpump.com

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