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PRESS RELEASE

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BLACKMER PROVANE® MOTOR SPEED VANE PUMPS PROVIDE RELIABLE, ENERGY-EFFICIENT FLUID TRANSFER IN PAINT AND COATINGS PROCESS AND BLENDING APPLICATIONS

Grand Rapids, MI – Blackmer, the global leader in the design and manufacture of positive displacement rotary vane pump technologies, has designed its innovative ProVane® Motor Speed Vane Pump to help Paint and Coatings manufacturers improve operational efficiencies and reduce initial purchase costs. The ProVane® has been specifically designed for paint and coatings plants where energy efficiency, and reliable fluid transfer in process and blending applications are desired.



The Blackmer ProVane® pump is ideal for shear-sensitive liquids while delivering consistent volumetric output to ensure quality blending. The ProVane® has exceptional suction and self-priming capabilities for moving solvents from underground tanks to mixers, and it's capable of continuous-duty operation for superior uptime performance.

The ProVane® delivers operating speeds up to 3,600 rpm with capacities from 6 to 100 U.S. gallons (379 liters) per minute in sizes ranging from 3/4" to 2". Designed for continuous-duty operations, this pump offers the superior line stripping and fluid-transfer efficiency of traditional vane pumps with the added benefits of higher operating speeds, longer bearing and vane life, and one mechanical seal. Utilizing motor-speed technology, the ProVane® pump does not require a gear reducer, so it offers upfront equipment, installation and energy cost savings, not to mention the smaller footprint of a complete pumping unit.

Other features of the ProVane® pump include, a patented rotor and shaft design with a larger, sturdier shaft for efficient pressure and velocity profile on the bearings, resulting in an energy-saving hydrodynamic journal bearing condition; commercial mechanical seals, offering a wide range of sealing options including cartridge, tandem and double configurations to match your application needs and significantly reduce leak risks and the potential loss of raw materials; and, the Blackmer patented noise-suppression pumping liner that effectively reduces the noise and wear affects of cavitation to further reduce potential maintenance time and costs.

In paint and coatings operations, Blackmer ProVane® Motor Speed Vane Pumps are being used for resin and solvent unloading; resin, additives and solvent transfer to mixers; product transfer to auxiliary tanks; product transfer to grinding/dispersion tanks; transfer to final mixer/lengthening tanks; transfer to stocking tanks; and transfer to drums, pails and transports.

(more)



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For more information about Blackmer ProVane® Motor Speed Vane Pumps, please contact Jim Becker at (616) 475-9390 or becker@blackmer.com.

Blackmer is a global leader in the design and manufacture of high quality flow technologies, including peristaltic hose, eccentric disc and rotary vane positive displacement pumps, centrifugal pumps, screw compressors, air elimination systems and sliding vane and reciprocating compressors for the transfer of liquid and gas products. Blackmer pumps and compressors are used worldwide in a variety of industries including Soap & Detergents, LPG, Chemical & Industrial Processing, Energy, Food & Sanitary, Military/Marine and Mobile Transport industries. Blackmer is part of Dover Corporation.

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