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PRESS RELEASE

FOR IMMEDIATE RELEASE

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BLACKMER'S SYSTEM ONE® OFFERS MULTIPLE CONFIGURATIONS FOR MANY USES IN SOAP AND DETERGENTS MANUFACTURING PROCESSES

Grand Rapids, MI – Blackmer, a global leader in positive displacement rotary vane, eccentric disc and centrifugal pump technologies announced that its System One® centrifugal pumps offer multiple design configurations for use throughout soap and detergents manufacturing processes to move hard-to-seal products. Designed around the seal where 90% of pump failures occur, the System One® has a larger, heavy-duty shaft and ball bearings resulting in the widest operational window off the Best Efficiency Point (BEP) than any standard process pump. This means soap and detergent manufacturers receive constant leak-free flow with no pulsation when moving oils and fragrances, additives, builders and surfactants to pre-mixers and mixer/blenders, or from mixers to the bottling processes.

The System One® is available on three frame variations, with multiple size configurations for any soap and detergent process application. Each frame type offers the lowest L^3/D^4 stiffness ratio of any competitive size pump. The Frame S is a heavy-duty alternative to standard small frame pumps, delivering capacities to 450 gpm (102 m³/hr) while meeting ASME/ANSI dimensional specifications. The Frame A/LD17 has the most stable shaft for its size in the industry that dramatically reduces bearing, sealing device and shaft failures. It reaches capacities of 1,400 gpm (320 m³/hr) and is available in IPP metric construction. The Frame M is engineered for the most demanding environments and is the only ASME/ANSI B73.1 pump of its size that offers centerline mount for high temperature applications. The Frame M pump also includes an optional left/right side discharge and vertical mount configuration.

In addition to the three frame styles, the System One® line of pumps includes Magnum Centrifugal and Vortex pump versions. The Magnum Centrifugal pump is engineered for applications in all types of abrasive and corrosive slurry services. With solid stainless steel shaft and a solid cast base power end, the Magnum Centrifugal pump is available in various sizes from 3" x 2" – 13" to 10" x 8" – 14" with flows to 3,200 gpm (725 m³/hr). The Vortex pump can handle entrained solids without clogging. Available in the LD17 and IPP metric configurations, the Vortex has capacities to 1,500 gpm (340 m³/hr).

All System One® pumps come with a Five Year Power End Performance Assurance. Blackmer will provide a free replacement component should the power end component fail within 5 years of the original installation, including bearings or shafts that have fractured.



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For more information about Blackmer System One® pumps, please contact Jim Becker at (616) 475-9390 or becker@blackmer.com.

**See current Blackmer System One® Warranty, Form 001-002, for full product warranty details including exclusions and limitations of liability.*

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 LPG, Chemical and Industrial Processing, Energy, Food & Sanitary, Military/Marine and the Mobile Transport industries. Blackmer is part of Dover Corporation.

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