



this month's topic **Pumps**

**Utility Pumps Have a Low Cost of Ownership**



These general utility pumps provide accurate, repeatable, nonpulsating, low-shear flow. They feature a simple and compact design that reduces maintenance

and space requirements, which makes them a cost-effective solution for water-, chemical-, and slurry-transfer applications in the water and wastewater treatment and chemical process industries. Material housing options such as cast iron, stainless steel, and engineered copolymer allow the pumps to handle water-like liquids or abrasive and corrosive fluids. Motorized and nonmotorized models are available with packing or mechanical seals to control leakage. The pumps can handle flowrates up to 50 gpm and pressures up to 600 psi.

**Moyno, Inc.**

[www.moyno.com](http://www.moyno.com)

**Solids-Handling Pumps Are Electrically Driven**



An alternative to standard diesel-driven pumps, these electrically driven solids-handling pumps have a compact and modular design. In addition to a standard control

box and soft starter, the pumps have a frequency converter option that ensures maximum control over the pumping process, an automatic start/stop feature, and the ability for the motor's speed to be increased or decreased as necessary. GPS monitoring functionality allows the pumps to be controlled and operated remotely. The standard series comes in sizes that range from 3 in. to 24 in. and capacities that range from 100 m<sup>3</sup>/hr to 6,500 m<sup>3</sup>/hr.

**BBA Pumps**

[www.bbapumps.com](http://www.bbapumps.com)

**Single-Stage Vacuum Pumps Eliminate Pressure Fluctuations**

ES Series single-stage oil-sealed rotary-vane pumps feature an optimized oil-return system that eliminates pressure fluctuations to provide consistent process results. The pumps have been redesigned to produce a better qual-



ity vacuum over an extended operating pressure range, which allows pumping speed to be maintained at lower pressures. Other benefits include low cost of ownership due to a longer oil lifetime and cooler operation,

and an environmentally friendly design that produces minimal emissions. For convenience and ease of integration, the pumps include built-in ISO and British standard pipe (BSP) connections, a simple oil and filter change mechanism, and the ability to be serviced onsite.

**Edwards**

[www.edwardsvacuum.com](http://www.edwardsvacuum.com)

## Pilot Plant Pumps

Valveless, Ceramic

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