



Performance Meets Economy

By continuing to advance its tested technology, **Andritz Ritz** has created a new generation of submersible motor pumps that are considerably more powerful than their predecessors. With higher flow rates and pumping heads for the same diameter or smaller, plus more stable housing designs and optimized efficiencies, the new pumps are more effective than ever. The range now includes 16" pumps plus pumps which can be individually configured to match customer needs and lower costs.

"As groundwater levels continue to sink across the globe, our customers need more powerful pumps that they can adapt as necessary," explains *Heinz-Dieter Ross*, head of sales and marketing at Andritz Ritz GmbH. "Our sustainable new submersible motor pumps are even more efficient and cost-effective than before, making them an ideal solution for long-term use." The company has improved the performance of its single-flow pumps by up to 50% – they now boast considerably higher pumping volumes, plus pump pressures of up to 100 bar. The new generation 12" pump now pumps up to 600 m³/h. In addition, Andritz Ritz has also widened its product range. With pumps available in 18 different sizes, they offer the perfect solution for every pumping demand. The largest pump in the new generation has a diameter of 16 inches. And as the new pumps are more powerful, with higher flow rates, well diameters can often be kept small, lowering development and operational costs. The increased pumping



With this new generation of pumps, Andritz Ritz is responding to changing global needs regarding water abstraction and pumping

head means that thinner pumps can stay in use even as groundwater levels continue to fall.

Customers can now configure Andritz Ritz pumps and motors to meet their exact requirements. For instance, users can modify the pumps for different flow rates by using a variety of impellers in the same housing. It is also possible to adapt the pumps to different pumping heads using MS-T technology. ■

Rovatti Pompe: Engagement in Borehole Pumps

Rovatti Pompe continue extending their production of both AISI 316 casted stainless steel borehole pumps (the well-known Extreme series) and the "evergreen" cast iron pumps "E series". The Extreme series currently consists of the 8" radial encapsulated ERCX range (with head up to 690 meters and capacity up to 85 m³/h), and the 8", 10", and 12" mixed-flow EX range with capacity up to 660 m³/h and head up to 485 meters. All these pumps have been engineered and designed for efficient and reliable pumping of corrosive and aggressive fluids in a wide range of residential, municipal, and industrial applications. In fact, while the seamless construction and the thickness of all AISI 316 stainless steel hydraulic components ensure the highest resistance to wear and corrosion, the micro-casting construction process refines the design of all surfaces in contact with the pumped liquid improving hydraulic efficiency. These features are not exclusively to the 12", the new 14" mixed-flow 14EX range can now meet flow requirements up to 910 m³/h, head up to 180 meters, and motor power up to 300 kW. To top it off, the consolidated Rovatti cast iron "E series" has been enlarged welcoming three innovative and extremely efficient product lines of 8" and 10"; The new 8E110, 8E140, and 10E300. Whereas pumping systems currently account for about 20% of industrial energy consumption worldwide, we know that the



All Rovatti 8E110, 8E140, and 10E300 borehole electric pumps offer efficiency at the top of the market

optimization of resources could reduce running costs and environmental impact to a significant extent. All Rovatti 8E110, 8E140, and 10E300 borehole electric pumps offer efficiency at the top of the market besides advanced technical solutions ensuring long life and maximum reliability. Water, like energy, is an essential resource. Working for an essential resource means taking care of the future. ■