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New 'Intelligent Pump' reduces maintenance costs by 80%

Wanner International has today (17 September 2018) launched the Hydra-Cell[®] Intelligent Pump (patent pending) designed for lower total cost of ownership by reducing maintenance and service costs by up to 80% over its lifespan. It could also save up to 13,500KWH in energy per year. One of the principle applications will be in truck cleaning in the construction industry.

The Intelligent Pump is a highly-reliable, energy-efficient, high-pressure cleaning pump with ultimate controllability that delivers the required pressure at the press of a button. The Intelligent Pump operates without any dynamic seals and supports a 'plug and play' fixed solution that makes it very easy to install.

With its seal-less design, the Intelligent Pump reliably handles recycled/ grey water, high liquid temperatures of up to 120°C and works without forced lubrication. The pump also works without the wear and maintenance a plunger pump would suffer under the same conditions.

The Intelligent Pump can also handle aggressive, corrosive and large-particle fluids such as sodium hydroxide, acids and citrus based solvents, proving itself to be effective for high-pressure cleaning. The pump's seal-less design prevents leaks, ensuring that these harmful substances remain inside the pump, rather than creating health and safety risks through leakage, a common problem with plunger pumps.

Wanner International's Managing Director, Paul Davis, said: "The Intelligent Pump saves money, energy and time, and is reduces health and safety hazards and therefore plant down-time. The complete "plug and play" solution couldn't be simpler to install and use."

The Intelligent Pump works so effectively as it is designed to use multiple lances with one pump without the need for liquid bypass, eliminating the need for unloader valves or pressure regulating valves.

For more information on the Intelligent Pump, visit www.hydra-cell.eu/IntelligentPump

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