Press release

New pump generation from Dürr with contactless changeover valves

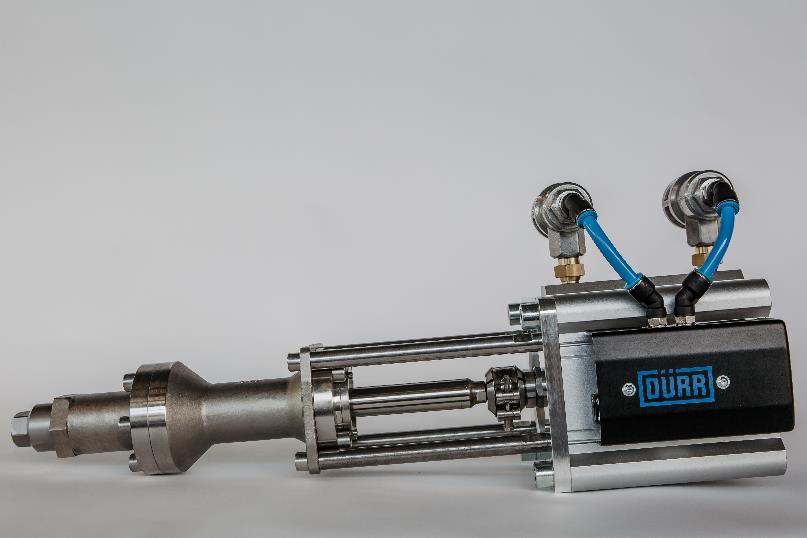
EcoPump2 VP requires less maintenance

Bietigheim-Bissingen, 01.12.2022 – Dürr has developed a new generation of pneumatic vertical piston pumps that increases process reliability yet requires much less maintenance. The EcoPump2 VP is designed for various media typically found in industry and can be used in many fields such as mechanical engineering, metal working and woodworking, or the furniture industry.

The new pump only needs one seal for the majority of applications, which is also much quicker and easier to change than on the predecessor model. The fluid parts can be disconnected from the air motor with conventional tools via a quick coupling. The new air motor can be operated without any oil. This significantly reduces the maintenance required, including in comparison with the competition. A further benefit is that the contactless changeover valves used to regulate the air motor changeover guarantee higher process reliability. Using quick-exhaust valves cuts changeover times, reduces pulsations, and increases performance.

With five different versions of the EcoPump2 VP covering a pressure range from 22 to 306 bar, the pump is suitable for applying paints, high-viscosity materials, and adhesives to furniture, steel constructions, and many more materials. It can also handle acidic hardeners commonly used in the 2K process in the North American market without any difficulty.

The first feedback from customers has been consistently positive. The pump is quieter, it pulsates less, and takes less time to clean than the predecessor model. Dürr will be presenting the new pump generation at its stand at this year’s PaintExpo in Karlsruhe, the world’s leading trade fair for industrial painting technology.



Picture 1: Dürr’s latest pump generation cuts maintenance times and increases process reliability.

The Dürr Group is one of the world's leading mechanical and plant engineering firms with extensive expertise in automation and digitalization/Industry 4.0. Its products, systems and services enable highly efficient and resource-saving manufacturing processes in different industries. The Dürr Group supplies sectors like the automotive industry, mechanical engineering, chemical, pharmaceutical, medical technology and woodworking industries. It generated sales of € 3.54 billion in 2021. The company has around 18,100 employees and 120 business locations in 33 countries. The Dürr Group operates in the market with the brands Dürr, Schenck and HOMAG and with five divisions:

* **Paint and Final Assembly Systems:** paint shops as well as final assembly, testing and filling technology for the automotive industry, assembly and test systems for medical devices
* **Application Technology:** robot technologies for the automated application of paint, sealants and adhesives
* **Clean Technology Systems:** air pollution control, noise abatement systems and coating systems for battery electrodes
* **Measuring and Process Systems:** balancing equipment and diagnostic technology
* **Woodworking Machinery and Systems:** machinery and equipment for the woodworking industry

Contact

Dürr Systems AG

Philipp Dunkel

Marketing

Phone: +49 7142 78-5675

E-Mail: [philipp.dunkel@durr.com](mailto:philipp.dunkel@durr.com)

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