

Atlas Copco introduces the DZS A series – Next-Generation Dry Claw Vacuum Pumps

Cologne, October 2023: Atlas Copco, a leading provider of innovative vacuum technology solutions announces its next generation of dry claw vacuum pumps – the DZS A series. This new series sets a benchmark for performance, efficiency, and reliability.

Designed with the evolving needs of manufacturing industries in mind, the DZS A series offers significant advantages. Leveraging the latest in German engineering and cutting-edge machining, these dry claw vacuum pumps deliver exceptional performance, energy efficiency, and superior product quality.

Available in fixed and variable speed variants

The DZS 065-300A series is engineered to deliver superior vacuum performance, with high pumping speeds and deep ultimate vacuum levels. These dry claw vacuum pumps offer substantial energy savings, resulting in reduced operating costs and a smaller carbon footprint.

The DZS 100-400 VSD⁺A series are equipped with a Variable Speed Drive helping achieve increased productivity due to the pressure set point control. These compact machines with a small footprint deliver high reliability through a rugged and robust design.

Pamela Cateland, Marketing Manager Atlas Copco Vacuum West, commented, "We are thrilled to present the DZS 065-300A and DZS 100-400 VSD⁺A series, the next step in the evolution of our dry mono claw vacuum pumps. With our focus on providing value, this second-generation series showcases our dedication to continuous improvement. With the improved performance, reliability, and lower noise levels, this series brings tremendous value to our customers."

With a focus on continuous improvement, the DZS A series incorporates design enhancements that improve its capabilities. Key improvements include:

Atlas Copco Vacuum Solutions

Enhanced Performance

The DZS 065-300A series delivers higher pumping speeds, enabling faster processes and increased productivity. With its improved performance, customers can expect to achieve higher throughput and meet demanding production requirements.

Lower Noise Levels

Understanding the importance of a quiet working environment, this latest range of pumps features a redesigned silencer. The result is significantly reduced noise levels, creating a more comfortable workplace for operators while maintaining vacuum performance.

Improved Reliability

By lowering the internal temperature of the pump, this series improves on durability by increasing the pump's lifespan, reducing downtime and maintenance costs, and providing customers with peace of mind.

Smart Kit

The Smart Kit prevents the vacuum pump from overheating when running at ultimate vacuum. This innovation, which replaces the traditional vacuum relief valve, results in better efficiency and suction flow.

Simplified Maintenance

Atlas Copco's commitment to customer convenience is evident in the DZS 065-300A Series with an emphasis on ease of service and on-site maintenance.

"Our team of engineers have worked diligently to develop a pump that meets the evolving needs of our customers, while also addressing the global demand for energy efficiency and sustainability. The DZS A series is a significant advancement in dry claw vacuum pump technology.", said Ahmed Elshaffie, Product Manager Dry Pumps West, Atlas Copco Vacuum. "The versatility of these pumps makes it suitable for a wide range of industries including packaging, food processing, woodworking, printing and plastics.", continued Ahmed.

In addition to key engineering advancements, the DZS 065-300A series offers numerous benefits to customers, including:

- Cost savings – reduced energy consumption, resulting in lower operating costs and improved cost-effectiveness.
- Reliable operation – robust design for consistent performance even in challenging conditions.
- Ease of integration – compact and space-saving design for easy installation and integration into existing systems.
- Contaminant handling capability – efficient handling of contaminants, ensuring reliable and clean vacuum processes.



DZS 300 A - Next-generation Fixed Speed Dry Claw Vacuum Pump



DZS 400 VSD+A - Variable Speed Dry Claw Vacuum Pump

For more information please contact:

Ahmed Elshaffie, Product Manager Dry Pumps West, Atlas Copco Vacuum

ahmed.elshaffie@atlascopco.com

Christoph Angenendt, Vice President Communications Industrial Vacuum

Tel no.: +49 (0)172 29 650 75, Christoph.Angenendt@atlascopco.com

Atlas Copco Vacuum Technique

Great ideas accelerate innovation. At Atlas Copco Vacuum Technique we collaborate with our customers to turn industrial ideas into leading edge technology in vacuum and abatement solutions. Our passionate people, expertise and service bring sustainable value to industries everywhere. Atlas Copco is based in Stockholm, Sweden with customers in more than 180 countries and about 49 000 employees. Revenues of BSEK 141 in 2022.

At Atlas Copco **Industrial Vacuum**, we have revolutionized vacuum technology. Our state-of-the-art vacuum pumps and systems exemplify today's connected and digitalized industry. Our teams of exceptional and passionate people engineer customer-centric vacuum solutions that offer better energy efficiency, consumer safety, improved productivity and a sustainable future. Our products are the invisible force that drive all industrial applications and manufacturing and our division includes the Atlas Copco, Edwards and Leybold brands. We are headquartered in Cologne, Germany with production centers in Germany, France, Belgium, Czech Republic, the United States and China.