## **AtlasCopco** Press Release from Atlas Copco Power Technique

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## Atlas Copco WEDA 50+ and 60+ pumps take dewatering solutions to the next level

Atlas Copco has solidified its place at the forefront of the pumps industry with the introduction of WEDA 50+ and 60+ dewatering pumps. These pumps have been designed to provide customers with enhanced levels of performance alongside improved efficiency, hassle-free maintenance as well as augmented capacity.

The powerful and portable pumps have been built by skilled technicians, using the highest quality materials and offer an extensive range of dewatering solutions for construction, industrial, emergency and maintenance applications. "The WEDA range of electric submersible dewatering pumps are reliable and robust, featuring a custom-made sealing system and modular design that contribute to them being amongst the most flexible pumps in the business," states Sarel Bekker, Atlas Copco Power Technique Business Development Manager, Portable Products. He continues that the WEDA+ range has taken all the impressive features of the founding WEDA range and has further improved on them with cutting edge additions.

The WEDA pumps range contains a built-in starter and motor protection system that allows for optional automatic level control. The pumps' smart modular design includes machined slots that allow for the easy separation of the different parts of each pump. All stainless steel bolts and nuts used within the machine are the same size, therefore making it possible to use one effective tool to complete the entire operation. Other standard components include a reinforced cable entry, built-in run capacitor / contactor, an adjustable discharge connection of 90° or 180°, Class F insulated stators with thermo switches in all windings as well as external plug for grease filling.

Manufactured to deliver optimum performance in the harshest conditions, these pumps have adjustable wear resistant nitrile rubber diffusors and hardened high quality clog-free chrome impellers. Adding to its durability, the machine's light weight and compact design allows for easy transportation, installation and storage in confined areas.

Featuring a low friction unique sealing system, operators are able to change seals, the impeller and other components within minutes. Maintenance is simple thanks to the WEDA ISP (Instant Service Pack) that contains the seals, bearing oil and oil housing that can easily be changed onsite.

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Encompassing many features from the successful Atlas Copco WEDA range, WEDA+ range has taken these features and strengthened them with additions such as for example the use of improved aluminium alloy with higher corrosion resistance thereby increasing ruggedness and machine lifespan. The advancement of WEDA+ pumps' cable entry system not only allows for the use of a wider range of cable configurations but also improves sealing. A novel feature across this range is the rotation control and phase failure protection that prevents the risk of the impeller rotating in the wrong direction and in the case of phase failure will halt the pump.

The economical WEDA+ range features a fuel efficient new motor design with greater efficiency and reduced start current, double row ball bearings with better lifespan as well as new hydraulic ends for boosted productivity and LCC.

The 50+ and 60+ pumps are offered in a normal head (25m and 30m) and high head (41m and 52) respectively with the 60+ also available in a super high head (76m). The WEDA 50+ features an impressive maximum flow between 1173 - 2347 l/min while a maximum flow of between 984 - 2650 l/min can be achieved with the 60+ pump, according to the head size used. The 50+ only requires a maximum power input of 7.5kW and has the capability of a shaft speed of 3460 rpm. Following suit, the 60+ pump needs a maximum power input of 10kW with a 3470 rpm shaft speed capacity. Both units have a maximum solid handling size of 8mm.

"Atlas Copco is proud of the new Super High Head WEDA 60+ model that is the most compact and lightweight within its class and delivers unrivalled performance combined with easy portability. Both the WEDA 50+ and 60+ dewatering pumps provide customers and end-users with service excellence, a factor which Atlas Copco strives to uphold throughout our comprehensive product and service portfolio," concludes Bekker.

Atlas Copco Power Technique supports its comprehensive range of electrical, diesel and petrol dewatering pumps with excellent after-sales service further boosted by a countrywide dealer network. With the introduction of the dewatering pump range, Atlas Copco Power Technique added a fourth pillar to its portable energy product offering to bring 360° air, power, light and flow solutions and services to mining and industry across Southern Africa. /ends

Atlas Copco's Power Technique business area provides construction and demolition tools, portable compressors, pumps and generators, lighting towers, and compaction and paving equipment. It offers service through a global network. Power Technique innovates for sustainable productivity in infrastructure, civil works, oil and gas, energy, drilling and road construction projects. Principal product development and manufacturing units are located in Belgium, Germany, Sweden, the United States, China, India and Brazil.

**Atlas Copco** is a world-leading provider of sustainable productivity solutions. The Group serves customers with innovative compressors, vacuum solutions and air treatment systems, construction and mining equipment, power tools and assembly systems. Atlas Copco develops products and services focused on productivity, energy efficiency, safety and ergonomics. The company was founded in 1873, is based in Stockholm, Sweden, and has a global reach spanning more than 180 countries. In 2017, Atlas Copco had revenues of BSEK 116 (BEUR 12) and about 47 000 employees. Learn more at <a href="http://www.atlascopcogroup.com">www.atlascopcogroup.com</a>