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## Consider it pumped with the WEDA from Atlas Copco

Featuring unrivalled performance, efficiency, reliability and flexibility, Atlas Copco’s WEDA electric submersible pump series offers perfect dewatering solutions for the construction, industrial, agricultural, emergency and maintenance sectors.

“The popularity of these rugged and compact pumps amongst our customers urged Atlas Copco to extend the WEDA portfolio and to introduce a number of feature enhancements,” says David Stanford, Business Line Manager of Portable Products at Atlas Copco Power Technique. “In addition to the introduction of slurry pumps, the WEDA L series, the engineering group also expanded the WEDA D drainage pump and WEDA S sludge pump ranges. The WEDA series boast flow rates of up to 16,500l/min with power ratings up to 54kW and can manage water with specific gravity up to 1700kg/m<sup>3</sup>.”

WEDA D drainage pumps are designed to pump water containing abrasive solids of 4 to 12mm dia. Featuring a top-discharge function, these drainage pumps are capable of handling water with specific gravity to 1100kg/m<sup>3</sup>. For optimum flexibility, discharges can be mounted vertically or sideways as required. WEDA D pumps are ideal for an extensive range of applications such as ground and raw water removal, excavation and open pit dewatering as well as storm water and flood control.

Highly suited to tough conditions, the WEDA S range is capable of pumping sludge, light slurry and muddy water containing abrasive and larger solids of 25 to 50mm dia. These pumps can handle the dewatering of liquid sludge, thick, soft, wet mud or other similar viscous mixtures of liquids and solids typically resulting from an industrial or refining process. With a bottom side discharging capability for the handling of water with specific gravity to 1400kg/m<sup>3</sup>, WEDA S pumps are ideal for tank clean-out, agricultural product wash-down pits and trench and pond cleaning.

The WEDA L slurry pumps are designed for the dewatering of abrasive media with a high solid content typically found in quarrying, mining or dredging applications. These pumps efficiently manage semi-liquid slurry mixtures usually made of fine particles of manure, cement or coal, and water. The large apertures of the rugged WEDA L series facilitate the handling of slurry containing solids of 20 to 60mm dia. while the high-efficiency high-chrome agitator facilitates the lifting of settled solids. Also using a bottom side discharge, WEDA L pumps manage water of specific gravity up to 1700kg/m<sup>3</sup>.

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All pumps in the drainage (WEDA D) and slurry (WEDA S) ranges are available with WEDA+ features which include phase failure protection, rotation control, thermal switches and a 20m cable with phase shifter plug for all 3 phase pumps. The WEDA+ features are also available as an option on the L range.

“Atlas Copco has focused on not only optimising the performance of the WEDA series but also on making the pumps lighter, increasing their electrical safety, improving the seal design and simplifying installation and maintenance,” notes Stanford. The more compact design, coupled with a 20% lower weight compared to similar products, simplify handling and transportation, making these pumps particularly suited for the rental market.

The pumps’ light weight is due to the use of unique aluminium alloy which also offers strength and corrosion resistance for seamless and reliable operation in harsh environments across all applications. These robust pumps feature rugged components, class F motors and class H electric motor insulation. The starter and motor protection system are built in, and a double silicon carbide mechanical seal prevents the ingress of contaminants. The pumps include adjustable wear-resistant rubber diffusers, hardened high-chrome (55HRC) impellers and heavy-duty bearings (that can withstand shocks and overloads) which further enhance pump durability.

Maintenance on these pumps is quick and hassle-free, keeping uptime to the max. External oil inspection and grease-filling plugs are easy to access, and all pumps conveniently contain seal types appropriate to their size. Atlas Copco supports WEDA pump customers across the southern African region through readily available products, parts and spares backed by exceptional service delivery from its team of skilled service technicians and strategic dealer network.

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## Press Release Power Technique Business Area

**Atlas Copco Group** Great ideas accelerate innovation. At Atlas Copco we have been turning industrial ideas into business-critical benefits since 1873. By listening to our customers and knowing their needs, we deliver value and innovate with the future in mind. Atlas Copco is based in Stockholm, Sweden with customers in more than 180 countries and about 37 000 employees. Revenues of BSEK 95/9 BEUR in 2018. For more information: [www.atlascopcogroup.com](http://www.atlascopcogroup.com)

### **Power Technique**

Great ideas accelerate innovation. At Atlas Copco Power Technique, we turn industrial ideas into leading edge technology in air, power and flow solutions. Our passionate people, expertise and service bring sustainable value to industries everywhere.

**Portable Air** is a division within Atlas Copco's Power Technique business area. The division designs, manufactures and markets a comprehensive range of mobile and energy-efficient compressors, handheld light-demolition tools and industry focused solutions, such as high-pressure boosters and quality air equipment. The products are used in a wide range of industries including construction, mining, oil and gas, and rental. The divisional headquarters are located in Antwerp, Belgium. Principal product development and manufacturing units are located in Europe, Asia, South America and North America.

**Power and Flow** is a division within Atlas Copco's Power Technique business area. The division designs, manufactures and markets a comprehensive range of mobile and energy-efficient generators, light towers, and pumps. Along with associated accessories and connectivity solutions. The products are used in a wide range of industries including construction, industrial, mining, dewatering, and rental. The divisional headquarters are located in Zaragoza, Spain. Principal product development and manufacturing units are located in Europe, Asia, South America and North America.

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