Press Release Power Technique Business Area

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Bright solutions: Atlas Copco proudly introduces its first battery-powered LED light towers

Atlas Copco has once again stayed true to its reputation as the Home of Industrial Ideas with the launch of its first-ever battery-powered LED light tower - the HiLight Z3+. This innovative light tower beams ahead of customers' expectations thanks to its zero noise and emission capabilities alongside prolonged operating times of up to 32 hours. "The HiLight Z3+ is a shining example of what can be achieved with battery-operated light towers," notes David Stanford, Business Line Manager of Portable Products at Atlas Copco Power Technique.

The game changing HiLight Z3+ bears testament to the evolutionary step that Atlas Copco has taken with battery-powered light towers. The company has invested extensively in R&D to ensure that the HiLight Z3+ delivers optimal performance in terms of reliability, portability, running hours, ease-of-use and lowest total cost of ownership.

"When customers are working at night on construction sites, outdoor events and industrial areas, whether rural or urban, they require the best possible lighting to ensure task accuracy as well as the safety of employees," points out Stanford. Comprising a high luminosity lamp assembly of 4 x 160 W LEDs with a life expectancy of 50,000 hours, these floodlights deliver ideal light distribution over a 3000 m^2 illumination area through specially designed directional glass optics.

The HiLight Z3+ utilises lithium-ion batteries which, when compared to lead-acid and gel battery types, offers up to 20% more Depth of Discharge (DoD), three times more energy density and a lifetime of 6,000 cycles that is equivalent to six times more than alternative technologies. Powering running times of up to 32 hours and requiring a charging time of only six hours directly from auxiliary, grid or portable generator supply units, the reliable light tower provides customers with peace of mind in the knowledge that their operations can continue well into the night without standstill due to poor lighting.

Spearheading the zero-emission drive, the eco-friendly Highlight Z3+ releases no emissions and offers a yearly reduction of 1 tonne of CO_2 emissions and diesel savings of more than 1,000 litres*. "This means that customers no longer need to stress over future emission regulations and can continue with business as usual," says Stanford. **CO2 emissions per litre of diesel burned = 2.6 kg*

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Atlas Copco's new clean drive technologies offer customers an alternative to diesel driven units used in metropolitan construction areas and public events. As there is no diesel engine the need for refueling is eliminated enhancing efficiency and autonomy on site. In addition, with the near-silent battery-operated HighLight Z3+ customers achieve full environmental compliance in urban locations thanks to zero noise during operation and the absence of engine emissions.

Supported by a hydraulically elevated, vertical mast, with wind-stable certification up to 80 km/h at a maximum operating height of 8 m, the robust LED lighting units deliver unrivalled performance across even the harshest environments within temperature ranges of -20 to 50 degrees.

Easy to install and connect, the compact LED light tower has been developed with portability and transportation efficiency in mind. Featuring dimensions of 1160 x 1160 x 2500 mm, up to 22 HighLight Z3+ units can be accommodated on a 13-metre truck. These rugged light towers are also armed with all-weather protection through a galvanised steel canopy and powder coated paintwork. When it comes to maintenance, the HighLight Z3+ is hassle-free as its parts are easily accessible.

"Against the backdrop of the successful roll out of a number of cutting-edge products and range expansions during 2018, Bauma 2019 presented Atlas Copco with an ideal platform to showcase its new portable HighLight Z3+ alongside other sustainable air, power, and flow equipment," states Stanford. "Our new innovations are driven by the latest advances in lithium-ion batteries and energy-efficient electric motors coupled with digitalisation and connectivity to deliver reduced operational expenditure to our customers through enhanced clean drive technology and versatility."

Atlas Copco's diverse HiLight range of battery, electric and diesel-powered, LED and metal halide light towers, is uniquely designed for construction, road works, public events and numerous industrial applications. These flexible and dynamic portable lighting solutions combine robust build quality and compact size and meet all aspects of efficiency, safety and environmental impact.

In today's tough working environments where load shedding and power failures are a daily reality, customers are faced with difficult challenges to complete tasks according to scheduled time. The HighLight Z3+ LED light tower presents the perfect solution to this dilemma with its powerful lighting, extended lifespan, minimal maintenance and low operational costs enabling contractors to continue working safely and efficiently after dark. "As a specialist in portable power product solutions, Atlas Copco Power Technique is proud to offer customers a light tower which enables them to grow their businesses' productivity and profitability," concludes Stanford.

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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 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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