



## Press Release Power Technique Business Area

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### **Atlas Copco Xbox with PACE technology – air compression future-proofed!**

Atlas Copco's industry-leading Xbox range of optimised size-to-flow air compressors meets customers' needs for a simple, highly efficient, robust and reliable machine that delivers optimal performance in stringent working environments.

“The innovative Xbox range is the result of ten years of continuous air technology development and is a perfect example of our forward-thinking philosophy to bring unmatched value by anticipating and consequently meeting customers' future needs,” comments David Stanford, Business Line Manager, Atlas Copco Power Technique. “We do not follow a one-size-fits-all philosophy and our best-in-class engineering capabilities enable us to provide one of the widest standard portfolios with a maximum number of options available to industry.”

Engineered around a strategic triangle of size, flow and fuel consumption, the Xbox compressor is a textbook combination of performance efficiency and rugged reliability. Atlas Copco takes efficiency to the next level with the incorporation of PACE (Pressure Adjusted through Cognitive Electronics) technology into four of its Xbox models (XAHS 400; XAVS 600; XAHS700 and XATS850). Programmed via a digital controller, this intuitive electronic pressure regulation system redefines the relationship between pressure and flow, allowing multiple pressure and flow combinations. By delivering the widest operating pressure range within a single compressor, this smart technology enables customers to cover the application needs of, on average, three fixed pressure compressors with only one machine.

Stanford points out that the ability to cover more applications increases utilisation and improves fuel economy, thereby optimising compressor efficiency, especially at partial load or idle status. “Furthermore, the versatility of three machines in one package reduces both capital and operational expenditure delivering lowest overall total cost of ownership to customers.”

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The focus on efficiency continues with the Xbox's T3 electronic power unit which features FuelXpert as standard. This patented fuel saving system improves fuel efficiency by up to 15% at partial load delivering savings both from a cost as well as time perspective. In keeping with Atlas Copco's focus on clean drive technology, the engine is also equipped with a smart air controller for enhanced compressor control and efficiencies. This IP65 rated XC2003 air controller features a LCD colour screen and a fully integrated ECU to facilitate diagnostics. For optimum reliability and uptime, the engine is fitted with heavy duty filters as well as an additional fuel filter.

With machine serviceability another primary engineering focal point, Atlas Copco's Xbox range boasts an impressive service interval of 1000 hours for the compressor and 500 hours for the engine. In addition, a simple vessel cover and easy-to-reach components further facilitate servicing and maintenance, keeping downtime to an absolute minimum.

With a standard operating temperature range of -10° to +50° C, the Xbox series delivers optimal and reliable performance in dusty, hot and cold environments at high altitudes of up to 4,500 meters. Boasting one of the smallest footprints in the market, the Xbox range is compact and lightweight, facilitating transport and manoeuvrability around the job site. These air compressors are ideal for handheld tools, ground engineering drilling, shotcrete blasting and directional and waterwell drilling in the construction sector, for dimensional stone quarry and blast hole drilling in mining operations as well as for utilities such as cable blowing and abrasive and dry ice blasting.

As an industry leader in innovative portable air compressors and related tools, Atlas Copco's Power Technique business area offers a wide range of portable compressors to meet diverse air demands across a multitude of applications. "As a long term partner in the delivery of sustainable productivity solutions we bring a range of portable air compressors, generators, light towers and pumps that deliver high performance, efficiency, versatility, productivity, low operational and maintenance costs, and easy serviceability, without compromising our environmental principles," concludes Stanford.

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**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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