

# Press information



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OS.A95 screw compressors for ammonia applications and ECOLINE reciprocating compressors with IQ module receive the much-coveted prize at the ACREX India trade show in Bengaluru

## Two BITZER compressors have been awarded the ACREX Awards of Excellence

*Bengaluru/Sindelfingen, 19.03.2018. Overwhelming success for BITZER: the world's biggest independent manufacturer of compressors has won not one but two ACREX Awards of Excellence. At the ACREX trade show in Bengaluru, the jury awarded the prize for the category Green Products to the OS.A95 screw compressors for the natural refrigerant ammonia and to the ECOLINE reciprocating compressors with IQ module in the Innovation category.*

At the ACREX India trade show from 22 to 24 February, BITZER presented an expert audience with the company's newest products and future-oriented innovations, and prompted a pleasantly high resonance with trade show visitors. At the trade show, the ACREX Awards of Excellence are granted annually. 'We were able to convince the jury with two products and are proud that the independent panel has awarded this important prize to our innovations', says Harvinder Bhatia, Managing Director at BITZER India.

The BITZER OS.A95 screw compressor won the prize in the category Green Products. With this energy-efficient compressor series, BITZER offers a climate-friendly and powerful solution for ammonia applications. The natural refrigerant has no global-warming potential and does not damage the ozone layer. Their cooling capacity and automatic Vi adjustment make OS.A95 screw compressors suitable for a whole host of applications. In combination with automatic Vi adjustment, the series' extensive application-limits diagram enables efficient use of the series in air-conditioning, medium and low temperature systems as well as in heat pump applications. The optimised rotor profiles, the high internal tightness and the large flow cross sections in the compressor also contribute to efficient operation. Typical applications of the OS.A95 screw compressors include medium- and low-temperature refrigerated distribution warehouses, shock freezers and process liquid chillers.

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Among the winners of the ACREX Awards of Excellence are also the ECOLINE reciprocating compressors with IQ module, as runner-up in the Innovation category. ECOLINE reciprocating compressors offer maximum energy efficiency in full- and part-load and are designed for a very extensive range of applications in supermarkets and beyond. One of the series' benefits: it offers maximum freedom in the selection of the refrigerant. Whether new climate-friendly refrigerants such as R1234yf, R1234ze(E), low-GWP blends or natural refrigerants, users will always find a suitable, eco-friendly solution in ECOLINE. Thanks to the intelligent IQ module, ECOLINE reciprocating compressors represent a milestone in terms of energy efficiency. In combination with the VARISTEP mechanical capacity control, users are able to infinitely adjust compressor capacity between 10 and 100 per cent – a true alternative to frequency inverters. The IQ module monitors the system independently and sends out a warning if the specified applications limits are exceeded.



The BITZER Group is the world's largest independent manufacturer of refrigeration compressors. BITZER is represented across the globe through distribution companies and production facilities for reciprocating, screw and scroll compressors, pressure vessels and heat exchangers. In 2016, 3,400 employees generated sales of €680 million.

## Overview of images

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Image: The BITZER team with the two award-winning compressors