### PRESS RELEASE

**BOGE advances development of its C series**

**Oil-lubricated screw compressors meet customers’ requests**

**Engineering to the customer’s wishes – based on this principle, BOGE KOMPRESSOREN is developing a new, oil-lubricated screw compressor in the performance class of up to 22 kW. The C 22-2 LFR compressor, presented to the public for the first time at the trade fair, will be available both with and without a receiver as well as with the option of an attached compressed air dryer. Further development will focus on ease of maintenance, noise reduction, and efficiency accross the entire C series. One of these developments is a new, optimised airend for the 7.5 to 11 kW range. The market launch of the new C-2 series should be completed in 2018.**

“The performance segment from 2.2 to 22 kW accounts for approximately 2/3 of the market volume worldwide“, comments Markus Henkel, Product-Market Manager at BOGE. “With the C-2 series, we continue to develop our well-established C series, taking into account customer and distributor requests“. Machines on receivers and those with dryers have a large share in this performance segment. Thus, in its redesigned version of the series of compressors up to 22 kW, the Bielefeld-based family enterprise gives highest priority to the technological development of the C-2 machines. These are suitable for receiver and floor assembly and will be available with an optional dryer. In this way, easy setup of a complete compressed air station will be possible in the smallest of spaces. The control system can be mounted variably: at the top or at the front for floor or receiver installation, respectively. This ensures that ergonomic criteria are fulfilled. In the frequency-controlled C-2 screw compressors, BOGE is replacing the belt drive with a direct drive in order to improve system features and meet increasing efficiency standards. For further energy savings, the company also offers an optional frequency-controlled fan and IE4 motors. As a result, sound level and power consumption are reduced. Thanks to a new component arrangement, annual maintenance can be conducted easily from one side of the machine. Additionally, a variable cooling air outlet enables flexible connection to the exhaust air duct for use of discharged heat.

**New airend “Made in Germany“**

BOGE is devoting special attention to its performance range of 7.5 to 11 kW. As a result, it has specially created a new airend which will satisfy the highest efficiency requirements, providing a very good free air delivery-efficiency ratio. Further goals are improved performance, quiet running, and reduced power consumption. This airend, like many other C-2 models, should also be eligible for BAFA incentives.

At the Hanover industry trade fair 2017, BOGE will present prototypes of the new screw compressor C 22 LFR and a new airend. The market launch of the C-2 screw compressors will be throughout 2018.

**Scope: 2.974 digits including blanks**

**Status: 10th April 2017**

**Image: Visualisation of C series, source: BOGE KOMPRESSOREN**

**Caption:** With suggestions for improvement from users and specialist dealers, BOGE KOMPRESSOREN is further developing its C series of oil-lubricated screw compressors.

**About BOGE**

With more than 100 years of experience, BOGE KOMPRESSOREN Otto Boge GmbH & Co. KG is one of the oldest manufacturers of compressors and compressed air systems in Germany. It is also one of the market leaders. Whether for High Speed Turbo compressors, screw compressors, piston compressors, scroll compressors, complete systems or individual devices, BOGE meets the most diverse requirements and highest standards – in a precise and quality-aware manner. The family company which operates internationally has a workforce of 750 employees, approximately 450 of whom work at the headquarters in Bielefeld, and is managed by Wolf D. Meier-Scheuven and Thorsten Meier. With its numerous sales offices and subsidiaries, BOGE is available to its international customers at a local level and supplies products and systems in more than 120 countries worldwide.

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