### PRESS RELEASE

**BOGE expands its product portfolio**

Selected C-series models now with highly efficient permanent magnet motor

Compact design, flexible combination and now more efficient than ever before: BOGE now offers some of its C-series screw compressors with highly efficient permanent magnet motors. The compressed air specialist expands its product portfolio with even more sustainable solutions for compressed air generation. C-series compressors are ideal for use in any sector requiring reliable compressed air. Thanks to the broad range of possible combinations with accessories and control systems, all uses can be covered.

Screw compressors in BOGE’s C-series have always stood out thanks to their compact construction principle and modular structure: even when operating as a fully equipped compressed air station with receiver and dryer, BOGE screw compressors still have the smallest footprint in their class. In the 5.5 to 11 kW performance range, BOGE has now fitted some models with a permanent magnet motor. The C 7 PM model with a rated output of 5.5 kW for the drive motor offers the best combination on the market of free air delivery and efficiency with low noise levels and a reduced footprint. In the 7.5 kW performance class, the new C 9 PM improves on its predecessor with improved free air delivery and efficiency – also making it ‘best in class’.

High ease of maintenance thanks to separate components

These compressors are designed to provide high free air delivery over time. The new permanent magnet motor ensures that higher free air deliveries are possible despite consuming the same amounts of power. This means users benefit from reduced compressor energy consumption: in the case of the C 9 PM, the savings are over 6 per cent. Unlike many of its competitors, BOGE designs its compressors with the airend and permanent magnet motor as separate components. This offers numerous advantages, including considerably improved ease of maintenance for the device.

Thanks to their modular construction, these C-series compressors with permanent magnet motor can be combined specific to the customer’s requirements. For example, users can install the machine on its own or in combination with a receiver (model R), or even with a dryer (model DR). All the compressors are also fully compatible with the highly advanced master control systems from BOGE – for simple, efficient control and optimised operations. The new screw compressors with permanent magnet motor will be available from BOGE from 1 September 2021.

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**Images:** **1.** C-series with permanent magnet motor**; Source: BOGE KOMPRESSOREN**

 **2. Airend and permanent magnet motor as a separate component; Source: BOGE KOMPRESSOREN**

**Captions:**

1. Thanks to the highly efficient permanent magnet motor, the new models in the C-series offer higher free air delivery for the same power consumption.
2. The unique construction principle with airend and permanent magnet motor as separate components substantially increases ease of maintenance.

**Über BOGE**

Mit der Erfahrung von mehr als 110 Jahren gehört die BOGE KOMPRESSOREN Otto Boge GmbH & Co. KG zu den ältesten Herstellern von Kompressoren und Druckluftsystemen in Deutschland. Das Unternehmen ist einer der Marktführer. Ob Schraubenkompressoren, Kolbenkompressoren, Scrollkompressoren oder Turbokompressoren, komplette Anlagen oder einzelne Maschinen – BOGE erfüllt unterschiedlichste Anforderungen und höchste Ansprüche. Präzise und qualitätsbewusst. Das international tätige Familienunternehmen beschäftigt rund 700 Mitarbeiter und wird von Olaf Hoppe und Michael Rommelmann geführt. Seinen internationalen Kunden bietet BOGE mit zahlreichen Verkaufsbüros und Tochtergesellschaften einen umfassenden Service. Das Unternehmen liefert seine Produkte und Systeme in weltweit mehr als 120 Länder.

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