### PRESS RELEASE

**Now available for lower performance ranges**

Increased capacity; reduced noise – BOGE expands its tried and tested S-4 series

Now in a new format: BOGE’s successful S-4 series of screw compressors has now been launched for the 45 to 75 kW performance range. Customers can benefit from all the benefits of the series, including everything from efficient, quiet and reliable running to simplified servicing.

It’s not only in foundries, the mining sector and the construction industry where dust and dirt can hamper even the best efforts to generate reliable, continuous compressed air. Other areas – including the food industry – find themselves facing challenging conditions. And this is where a compressor with a virtually maintenance-free hermetically sealed direct drive comes into its own: wear and tear is minimised, which increases the device’s service life. All of the models in BOGE’s S-4 series have this “IntegrateDrive” airend – including the new compressors with a performance range of 45 to 75 kW.

Compact, energy-saving and efficient

Compressor manufacturer BOGE has once again expanded the fourth generation of its S series, meaning it now covers the entire 45 to 150 kW performance range. All models are characterised by quiet, reliable operation and have excellent efficiency values. The compressors generate high free air delivery at low specific power consumption. The energy use of the new 75 kW compressor has been reduced by over 12 per cent compared with its predecessor, while the free air delivery has increased by almost 9 per cent. Generously sized components reduce internal pressure losses, and with a footprint of just 1.20 m x 2.00 m, the housing of the new models is considerably smaller than its older siblings. These new compressors even now come with the particularly high-performance, low-energy IE4 motors and permanent magnet motors fitted as standard.

Simple maintenance and low sound pressure level

The innovative vertical oil separation concept ensures very low residual oil content, minimal pressure losses and a long service life. The internal cartridge is quick and easy to remove and replace. Maintenance takes place from two sides with just a few simple movements – the intake filter is accessible and both the oil and air coolers can easily be removed and cleaned. These new models are also special thanks to their quiet running: “We’ve been able to reduce the noise in the 45 kW performance class by more than an extra 8 dB(A),” explains Frank Hilbrink. “And thanks to this reduction, we’ve also ensured greater flexibility, as the compressor can now be used in more sensitive environments”.

Thanks to the new models in the S-4 series, BOGE is now able to offer companies with reduced compressed air demands reliable, energy-efficient technology, even in situations where temperatures can exceed 40°C. For these critical installation conditions, BOGE has a high-temperature design which boasts improved cooling.

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**Caption:** BOGE’s successful S-4 series of screw compressors is now also available in the 45 to 75 kW performance range.

**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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