### PRESS RELEASE

**BOGE at POWTECH 2023**

Efficient S-4 screw compressor with extended power range

BOGE will present the S-4 screw compressor at the Powtech trade show in Nuremberg. The expanded fourth generation of the S series covers a power range from 45 to 160 kW – with energy savings of up to 12 percent. In addition, experts will provide information about how an unlimited number of compressors and accessory components can be controlled depending on consumption, using the smart interlocking control airtelligence provis 3.

BOGE will be at the Powtech trade show from 26th to 28th September, in Hall 4, Booth 4-406, with a comprehensive portfolio of compressed air solutions. Whether bulk material, chemicals, food, pharmaceuticals or liquids – the manufacturer of compressors has a suitable compressed air system for any application. Particular focus will be on the fourth generation of the S series that covers a power range from 45 to 160 kW. The models are characterised by quiet, reliable operation and have excellent efficiency values: Compared with the previous model, the compressor’s energy consumption has been reduced by up to twelve percent, while the free air delivery has been increased by almost nice percent. The S-4 models are equipped with powerful IE4 motors and permanent magnet motors that can also be operated in environments with extreme temperatures above 45 °C.

Improved operation during duty and idle cycles with airtelligence provis 3

Those who are interested can also find out more about the airtelligence provis 3 control at the trade show. This smart control allows the management of an unlimited number of compressors and accessory components depending on consumption. Via the new Modbus interface module, the airtelligence provis 3 easily integrates compressors from other manufacturers. Powerful control algorithms improve operation during duty and idle cycles, thus optimising the compressor station. “With the expanded fourth generation of the S series and the airtelligence provis 3, we are setting new standards in compressed air management”, explains Christian Schlüter, Head of Marketing at BOGE.

At Nuremberg’s Powtech, from 26th to 28th September in Hall 4, Booth 4-406, BOGE’s experts will provide information about current technologies and support solutions relating to bulk material, powder and liquids.

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**Image: 1 (Source: BOGE)**

**Caption:** BOGE will present the S-4 screw compressor at the Powtech trade show in Nuremberg.

**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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