

BOGE AIR. THE AIR TO WORK.



BOGE S-3 series

Designed to last longer



Made in Germany 
since 1907

Optimized for versatility

Ergonomic maintenance is invaluable. The fact that BOGE's tried and tested S-3 series is considered indispensable throughout industry is not least down to its intelligent design: the smart configuration guarantees particularly easy, safe maintenance, and thanks to the high quality components as well as fastidious workmanship ensuring that a long service life and maximum efficiency are achieved.

Maintenance-friendly design

The clear layout of the functional areas ensures ease of access for maintenance from one side via open swing and removable doors.

Self-contained cooler section with separate fan

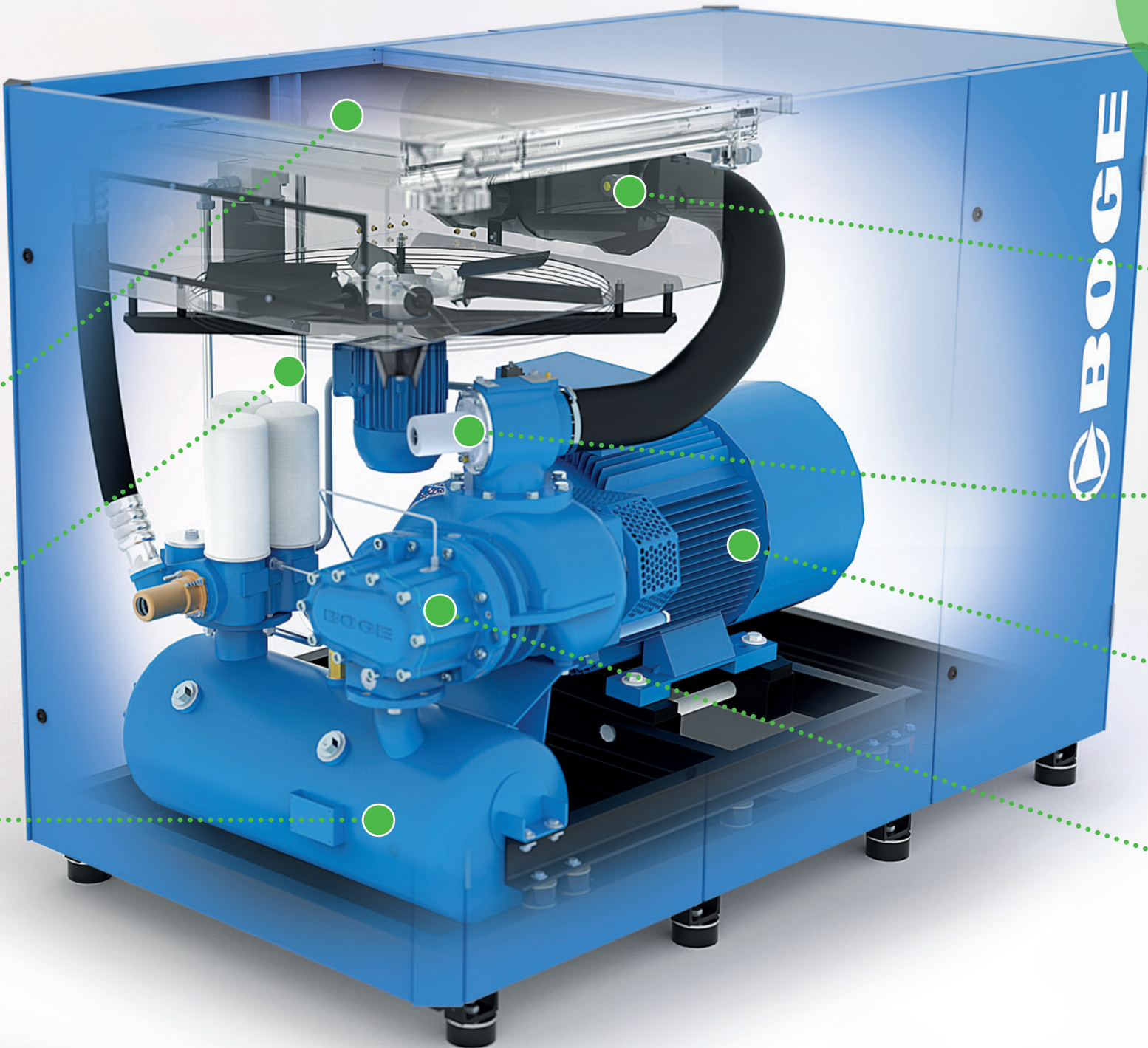
Thanks to defined cooling air duct, 100% of the fan output can be used. The cooling function even works when doors are open, which proves its worth during maintenance and test runs.

Internal steel pipework

Unlike hose connections, which are still commonly used today, steel pipes do not need to be replaced regularly and effectively prevent leaks for years.

Efficient oil separation system

A horizontal receiver more effectively separates the air/oil mixture in conjunction with the perfectly designed preseparator. The oil remains in the compressor circuit while the clean air flows to the user.



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Intake filter with paper micro filter insert

As dust and dirt cannot get into the compressor circuit in the first place, this increases the service life of the airend and thanks to the integrated preseparator – the service life of the filter element as well.

Valveless oil circuit with multifunctional suction regulator

Low power consumption when in idle saves energy, the fully balanced start-up conserves the entire drive train, and the control unit automatically shuts down in the event of a fault. Ensuring complete operating safety.

High efficiency IE3 motor

The sturdy design of the IE3 motors, famous for their high efficiency, reduces the possibility of an overload. Even the winding temperature is monitored as standard.

Tried and tested airend

Designed and made in Germany, BOGE's airends feature high-quality, large bearings and low speeds – your guarantee of high efficiency and a long service life.

Expertise makes the difference

The design philosophy of the S-3 series skillfully combines utmost efficiency, maximum operating safety and distinct ease of maintenance: all of the functional areas are clearly laid out, safe and easy to reach, and all of the components are designed for a long life. There are various options available for even greater efficiency – from frequency control to heat recovery.

MADE
by
BOGE

Tried and tested design

Every detail – from the precisely defined flow of cooling air and the effective oil separation system with horizontal receiver to the space-saving access from one side – is the result of continuous improvement. Premium quality that has garnered the S-3 the reputation of being particularly reliable and suitable for daily use.



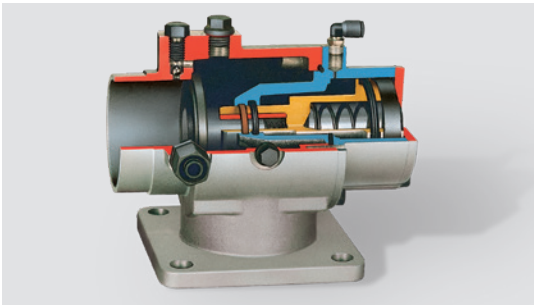
Isolated machine unit

The consistent isolation of all moving components not only successfully keeps the transmission of structure-borne noise to a minimum. The fact that everything sits on a torsionally rigid base frame makes for even easier transportation with a forklift or stacker.



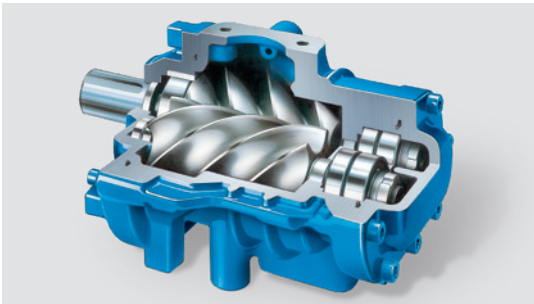
Multifunctional suction regulator

The suction regulator is completely air-tight, thus preventing oil vapors from escaping. It also enables a fully-balanced start-up, which conserves the entire drive train and dramatically saves energy thanks to the very low power consumption during idle.

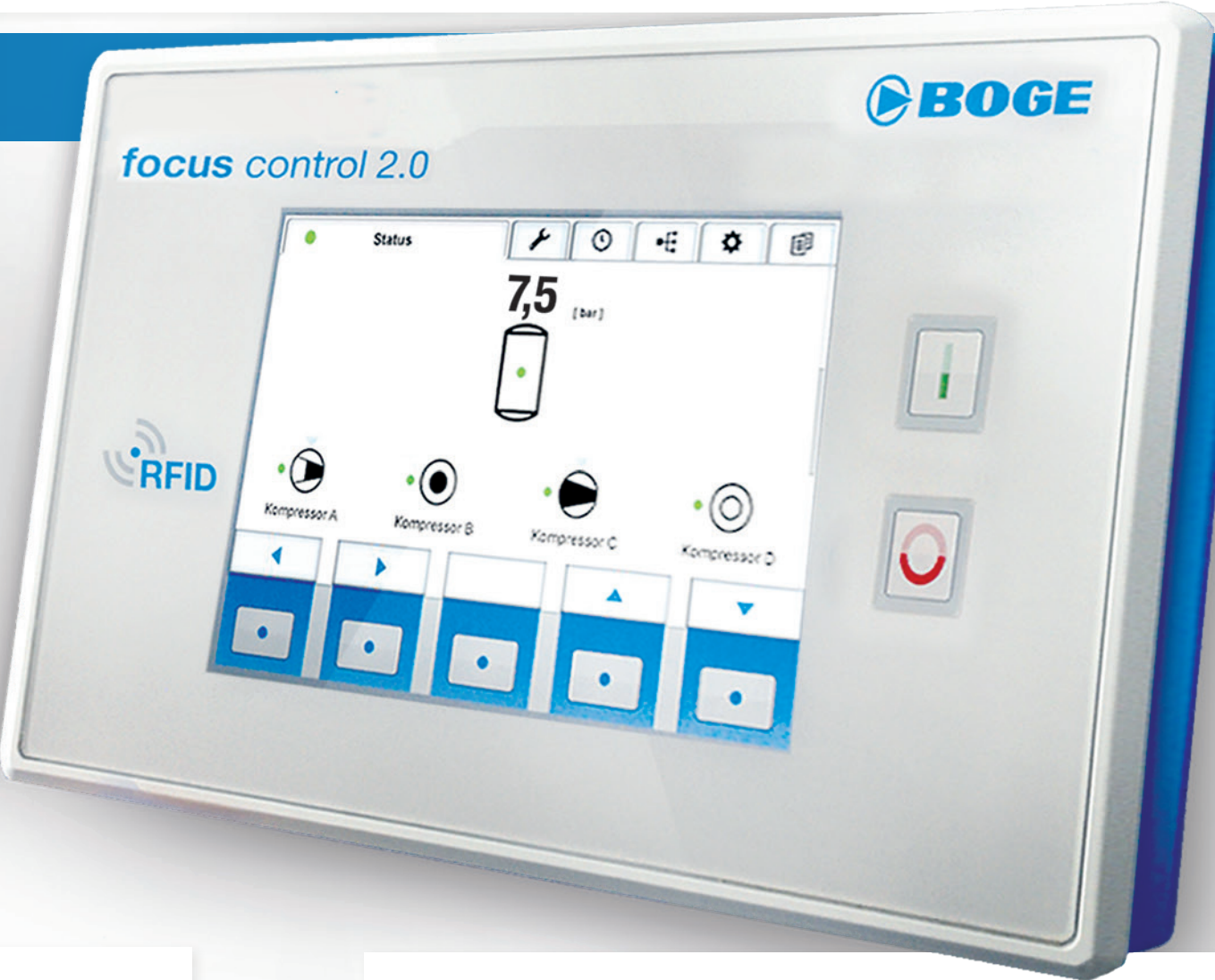


Efficiency – a question of quality

The BOGE airend, developed in-house and manufactured to the highest quality criteria, offers constantly high free air delivery at astonishingly low power consumption. This, together with the perfected oil separation system, results in an exemplary efficiency yield.



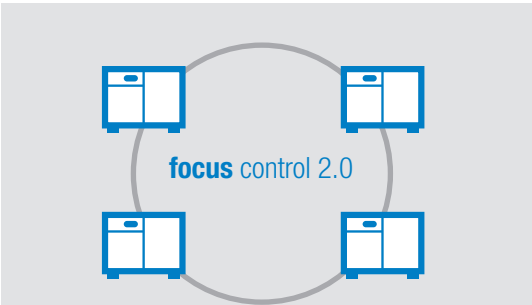
Simply everything under control



An intelligent control concept underlies the formidable improvement in efficiency of this series. The modular focus control 2.0 is state-of-the-art, because it allows you to have simply everything under control – with the emphasis on “simply”: this higher-level control, which also serves as a network control for up to four compressors, makes compressed air generation more efficient and reliable.

Intelligent control: focus control 2.0

The focus control 2.0 controls up to four connected compressors with base load switching as required and monitors all inlet and final pressures. Whether the most powerful compressor is always switched on first or the oldest is always switched on last, or whether they are all used to capacity equally so that maintenance can be carried out at the same time – this modular control provides enormous flexibility, providing a simple solution while ensuring redundancy.



No more limits: airtelligence provis 3

This intelligent, higher-level interlocking control can handle an unlimited number of compressors, compressed air networks and accessory components. Its high-performance control algorithms monitor and control the entire compressed air station – proactively and according to use. The control is operated intuitively with touch commands on the 15.6" display.



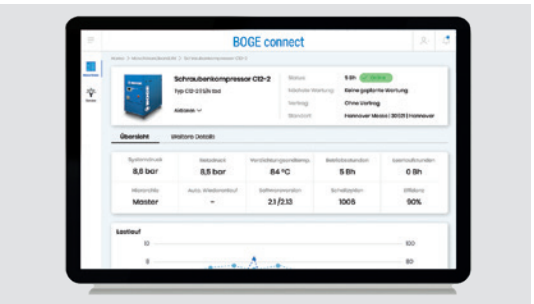
Smart lubrication

A long service life requires regularly lubricating the bearings of the drive motor at the prescribed intervals. You can choose to have the focus control 2.0 do this for you too: when the time comes, the control will automatically activate the lubricator to apply a precise amount of grease to the bearings. Naturally this is only done when the motor is running, as stipulated by the manufacturer.



The future today: BOGE connect

BOGE connect is your ticket to Industry 4.0: all of the system data and machine details are continuously sent to the BOGE connect portal. The data can be visually displayed on any smart device. The key advantage: BOGE connect independently detects inefficient systems, helps identify optimization potential and simplifies service.



Tailored exactly to your requirements

Refrigerant dryer with energy savings

Minimum pressure losses and constant pressure dew points in every phase of operation – BOGE's powerful high-pressure refrigerant compressed air dryer saves energy and considerably increases efficiency. It can be continuously adjusted to the operating conditions while consuming only small amounts of environmentally-friendly, ozone-neutral refrigerants.



Adsorption dryer with dew point control

BOGE's heat-regenerating adsorption dryers offer a highly energy-efficient solution for large compressed air applications. The standard dew point control makes it possible to extend the drying phase and significantly reduce the energy required for regeneration.



Systematic heat recovery

Much of the energy supplied to a compressor is converted to heat. BOGE Duotherm provides you with approx. 72 percent of this energy in the form of heat for further use – for heating and domestic water or process support with a quick return on investment. This system can also be very easily retrofitted at any time.



Container solutions with all the trappings

Not enough space to expand your compressed air production? Thinking of relocating production areas? A container solution is ideal for such scenarios - there's room for everything; compressors, processing and control technology. Thanks to its compact design and ease of access for maintenance purposes, models from the S-3 series are just perfect for this plug and play solution.



For many decades, BOGE has been the top name for tailored solutions, because as well as highly specialized system components for compressed air treatment, we also offer turnkey compressed air stations that meet your requirements exactly.



Any time, anywhere. BOGE all-round service

As original compressed air pioneers, we have more to offer than just our technological expertise. BOGE has always worked closely with customers and distribution partners, and this has shaped our excellent service partnership. As our success depends on your satisfaction, we relentlessly strive for improvement and to provide you with compressed air that has added value to your process.

Always on call: our engineers

Whether commissioning, maintenance, repair or inspection – our certified BOGE service engineers around the world are your professional port of call for all technical matters. In addition, our Technical Support is available round the clock – 7 days a week.



5 year warranty: BOGE bestcair

BOGE's bestcair program gives you five years' guaranteed protection for all replacement parts. This warranty is free for you and we will provide free replacement parts immediately for the entire period. Any maintenance required will be performed by certified BOGE service engineers – with original BOGE parts of course.



All inclusive: our cairpacs

Original BOGE parts are tested prior to release for several thousand hours to ensure consistently high system efficiency and to minimize the risk of unplanned machine stoppages. Regular maintenance with original BOGE parts, therefore, protects your investment. Our BOGE cairpac maintenance packages include all the parts required for maintenance and cost less than the sum of the individual parts.



Tailormade: maintenance agreements

Regular maintenance considerably prolongs the service life of your system. To this end, we offer tailormade service packages – from system inspection and maintenance agreements to a full service agreement, whereby we carry out all work to your compressed air system without exception. We are happy to advise you on your options.





Best
Of
German
Engineering

Customers in more than 120 countries worldwide trust in the BOGE brand. Already in its fourth generation, this family-run company directs all its experience into developing innovative solutions and exceptionally efficient products for the compressed air industry.

BOGE Compressors BOGE America, Inc.

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