BOGE AIR. THE AIR TO WORK.

BOGE
COMPRESSED AIR SYSTEMS

SCREW COMPRESSORS

Over 100,000 compressed air users expect more when it comes to their compressed air supply.

BOGE air provides them with the air to work.

For more than three decades BOGE screw compressors “Made in Germany” have stood the test of time: in industry and trade - from the one-man workshop to the automotive industry and the large refineries. Today, BOGE screw compressors have much more to offer than just compressed air: state-of-the-art technology, a modular design concept and maximum energy efficiency ensures that they meet the high reliability and efficiency standards customers have come to expect from BOGE.

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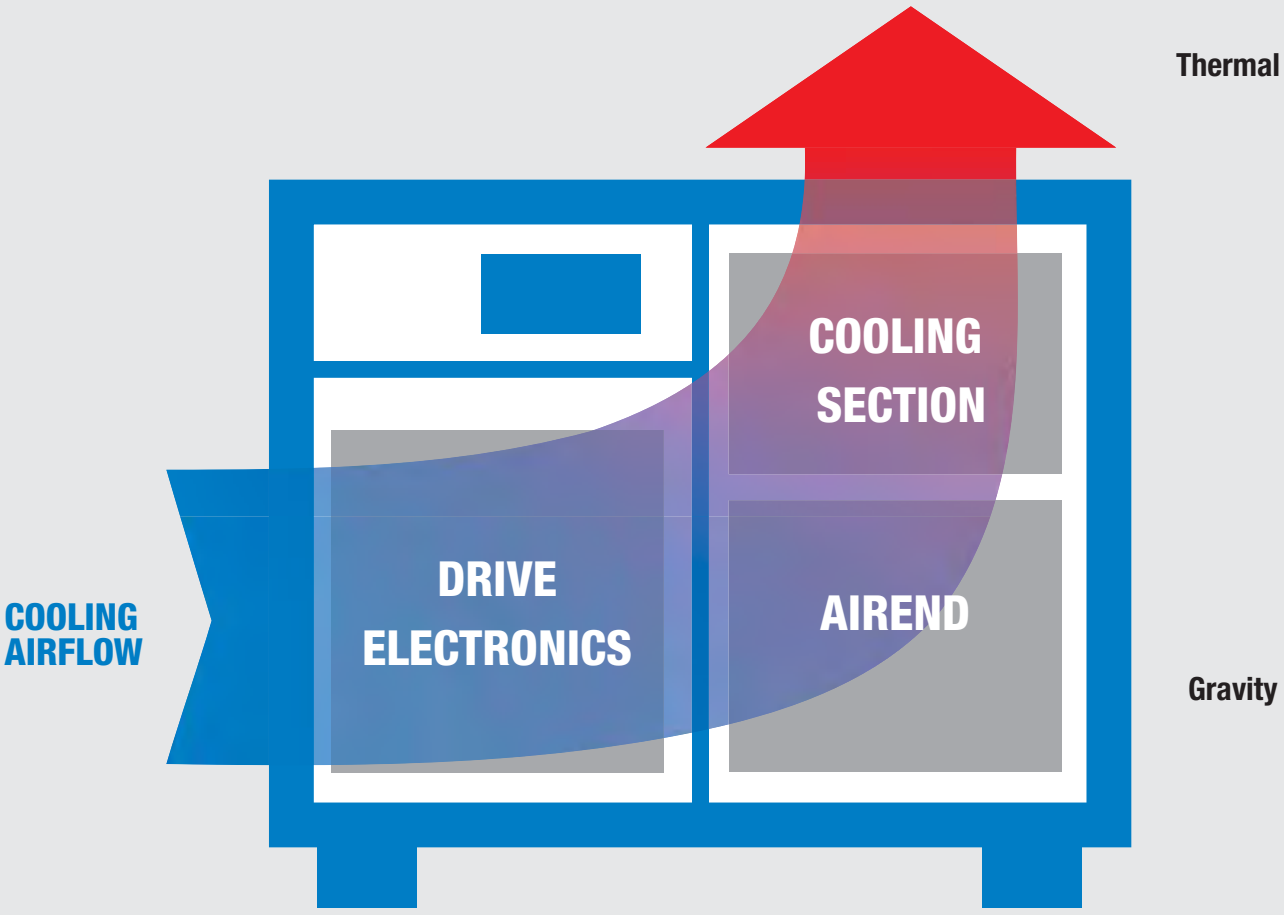
Nature does not waste energy.

Our screw compressors are also built using this principle.



Intelligent engineering from BOGE: The three main sections of the BOGE screw compressor (electrics & drive, compressor, independent cooling unit) are strategically aligned in the main cooling air flow: for maximum efficiency and service life.

Efficiency made easy: **According to our engineers, the design of the BOGE screw compressor is very much based on the principles of nature. High outputs, effective oil separation, and an extremely long service life of the component parts ensure that energy consumption is optimised.**

THERMAL ADVANTAGE: THE BOGE COOLING AIR FLOW.

Warm air rises: Our engineers harnessed this simple law of physics in order to make BOGE screw compressors even more efficient and to prolong their service life. Cooling air is taken in at the lowest point in the package by a separate cooling air fan and is drawn over the component parts upwards before leaving the compressor at the highest point – our so called chimney effect. This main cooling air flow is many times higher than the actual cooling air flow of the integrated motor fan. Due to chimney principle, the system keeps cooling even during load reversal.

Efficiency advantage: The intake filter is positioned in the coolest part of the cooling airflow and takes in the air for compression at the lowest temperature. This results in an optimised volumetric efficiency and output from the compressor. The air/oil cooler, on the other hand, is positioned at the top of the compressor station. The cooler is generously dimensioned and, in conjunction with the cooling airflow, provides for the lowest possible internal cabinet temperature as well as discharge compressed air temperature. When connected directly to ducting, the cooling air can be removed without any problems or recovered and easily redirected to supplement space heating.

Service life advantage: Motor, switch cabinet and all electric components are positioned at the intake of the main cooling airflow and benefit from the coolest air. As a result these components do not overheat either in load or in idle mode which means their service life is extended considerably. There are no heat sinks within the cabinet in either operating mode.

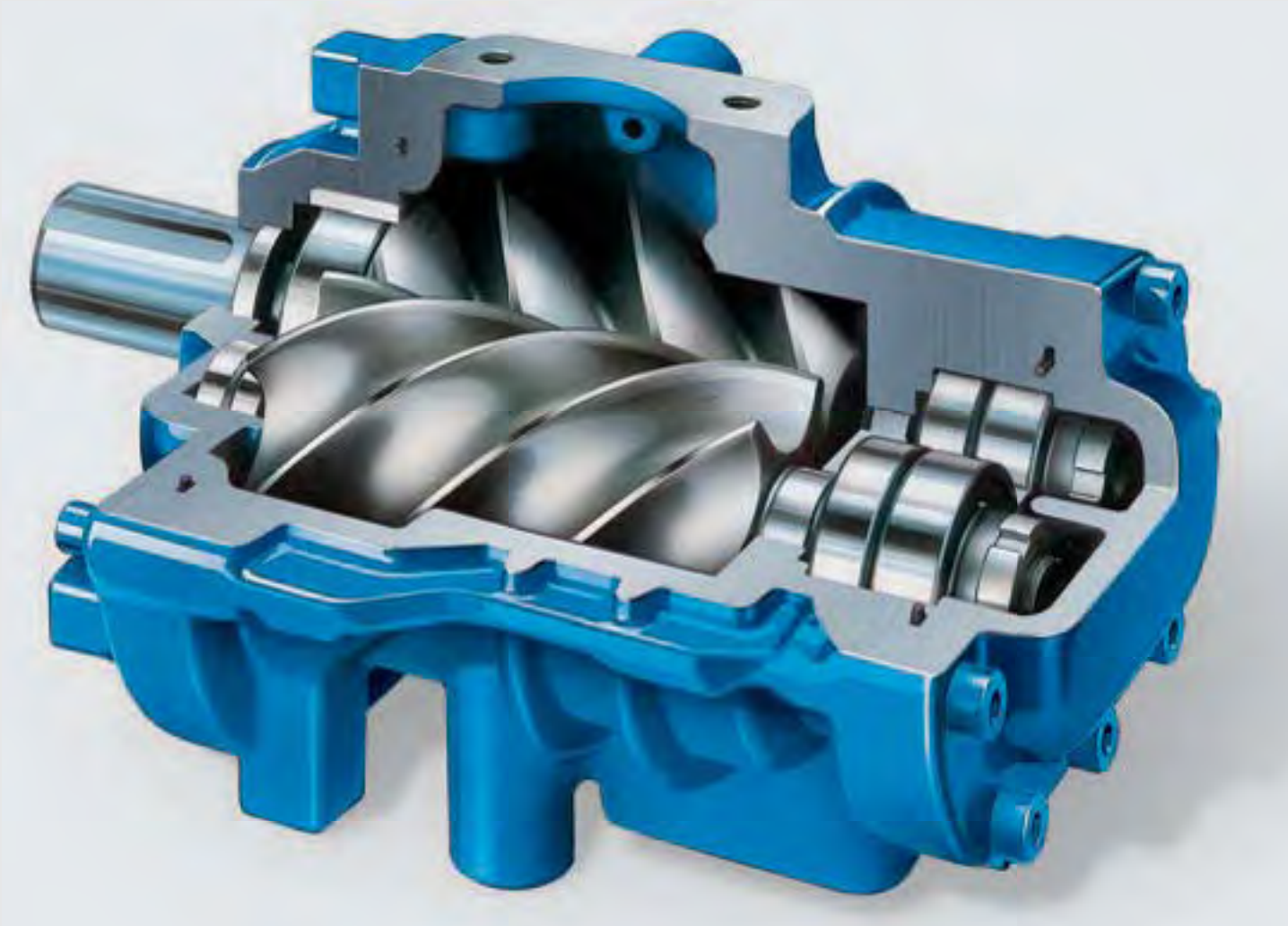
GRAVITY ADVANTAGE: THE BOGE OIL SEPARATION SYSTEM.

Oil always flows to the lowest point: Therefore our engineers have positioned the oil pre-separator horizontally at the lowest point of the system. Also due to rapid reduction of the compressed air speed after compression bulk oil "rains" from the compressed air into the reservoir – a most efficient form of oil pre-separation.

Efficiency advantage: The BOGE oil separation system is designed to minimise internal pressure losses and to ensure a residual oil content of 1-3 mg/m^3 in every operating phase. The horizontal combi-tank ensures a low foam level at load reversal virtually eliminating the risk of bulk oil reaching the separator cartridges.

Long-life service advantage: BOGE oil separator cartridges have a long service life – not only as a result of the highly effective oil pre-separation but also because of the large safety distance between the oil surface and the separator that prevents the oil from migrating into the separator cartridge.

Quality in its most efficient form:
The BOGE airend.



The heart of every BOGE screw compressor:
The reliable and efficient airend.

Everything is cutting edge: **The BOGE airend is the heart of the BOGE screw compressor. Engineered to exacting tolerances the BOGE airend combines quality and efficiency with long service life making it one of the best of its kind and a sound long-term investment for our customers.**

PREMIUM QUALITY MADE IN GERMANY

Maximum reliability
BOGE airends are manufactured on state-of-the-art production lines and are examples of the finest German engineering. Lowest manufacturing tolerances combined with quality materials ensures the dependability of each airend. Computer controlled testing further ensures that every single airend meets our high quality standards. The longest possible service life is also assured thanks to generously dimensioned axial and radial bearings.

Maximum efficiency
The screw profile of the BOGE airend has been optimised using the latest technological advancements providing maximum efficiency over the entire service life. We calculate the best possible specific power characteristics of each airend to ensure the best output per kW of power whilst ensuring the airend continuously operates at its optimal speed.

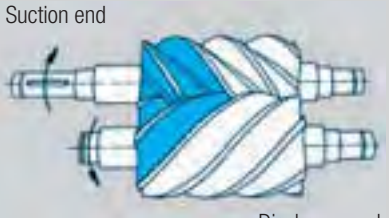
THE COMPRESSION PROCEDURE

① **Intake:**
The air passes through the intake opening into the rotors that are open on the suction side.

②③ **Compressing:**
As the screw rotates the air intake opening closes. The volume in the chambers is reduced and pressure increases. During this procedure, oil is injected to lubricate the rotor bearings, to seal the rotors, and to dissipate the heat of compression.

④ **Discharge:**
Compression is completed, final pressure is reached, and discharge starts.

① Suction end

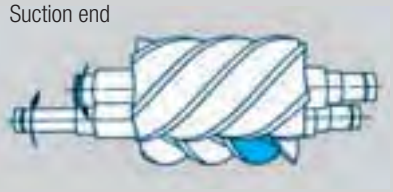


Discharge end

② Suction end

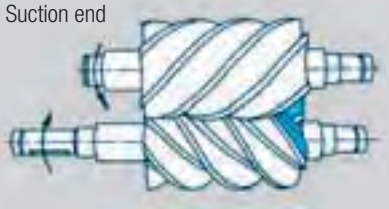
Discharge end

③ Suction end



Discharge end

④ Suction end



Discharge end

Energy prices cannot be controlled.
But energy efficiency can.

INTELLIGENT CONTROL

The BOGE control and monitoring concept is your key to more efficient operation. We have the optimal control system for every type of application: from monitoring central machine parameters to specific synchronisation of up to 16 different compressors.

Optimised output:
BOGE compressor controllers.

BASIC

The BASIC controller displays five parameters as well as fault and maintenance messages and coupled with modern pressure sensors to reliably retrieve the pressure values. The BASIC controller can be programmed to ensure optimum operation of a compressed air system in line with the actual demand.

FOCUS

FOCUS is the latest state-of-the-art energy efficient controller to come from BOGE. A large-scale LC display clearly shows error and maintenance messages, operating states and all operating parameters. (Additionally the operating status of a frequency controlled compressor and/or the workload of fixed speed compressors are displayed).

Synchronised output:
BOGE Master controllers.

TRINITY

With the **tri**nity controller from BOGE you can control up to three compressors of equal or different size or implement an automatic base load switching control. The adjustable base load switching cycle enables a constant load operation of all the installed compressors. **tri**nity can be installed into the compressor switch cabinet or provided as a separate wall mounting cabinet version.

AIRTELLIGENCE

airtelligence is designed to control up to 16 compressors of different makes and sizes in a multi-compressor system. It operates by selecting the appropriate compressor combination to meet the compressed air demand and to proficiently configure your system to ensure best possible operating efficiency: load/idle run switch cycles are minimised and expensive idle run times virtually eliminated. **air**telligence: For a cost-effective and safe operation!

AIRTELLIGENCE PROVIS

Seeing is believing: **air**telligence PROVIS synchronises up to 16 compressors and visualises the central parameters. As a result energy costs can be closely monitored via an interface to a web server where you can view this data at anytime and anywhere around the world.

Energy costs need not go off course: because BOGE's energy efficiency solutions offer a number of options that save energy.
It is calculated that energy costs account for around 75 percent of the lifetime costs of compressed air generation. This makes energy optimisation essential for any compressed air user. Significant sustainable savings can be created by continually auditing and optimising your installation. You should therefore rely on a partner who, as an energy expert, is ready and able to support you before and after your decision to purchase compressed air products. Welcome to BOGE!

INTELLIGENT SAVINGS

Perfectly controlled output: BOGE frequency controlled screw compressors

When there is a fluctuating compressed air demand, the BOGE frequency controlled screw compressors works strictly in accordance with the compressed air demand by producing the exact volume of compressed air at the pressure required.
The volume flow is continually adjusted between 25 and 100 percent – correctly specified frequency controlled compressors should eliminate expensive idling times and even out air demand fluctuations. Energy costs can therefore be reduced considerably.
When a frequency controlled compressor is used alongside a fixed speed compressor additional advantages can be achieved. The flexible speed adaptation of the airend also allows for pressure adaptation. Changing the pressure value of the frequency compressor automatically synchronises the output quantity. A 13 bar machine can therefore be transformed into an 8 bar machine yielding a correspondingly higher output – without any expensive remodelling or design related modifications. All pressures and intermediate pressures are available with the best possible outputs.
It takes little or no investment for a compressed air user to save as much as 30 percent of their compressed air related energy costs. Be sure to take advantage of BOGE's energy efficiency solutions to save energy costs. Examples:

Leak detection

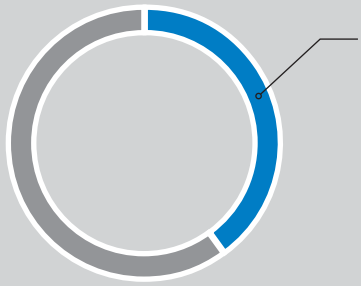
A single 2 mm diameter leaking hole causes losses of 260 l/min – this equates to several thousand Euros a year of energy costs. Comprehensive leak detection from BOGE will identify any leaks within your compressed air network.

Heat recovery

Most of the energy used to generate compressed air is rejected in the form of heat. This heat can be recovered: e.g. for space heating or for the heating of domestic water. Up to 85 percent of the input electrical energy can be recovered: Our energy experts will be pleased to advise you!

AIReport

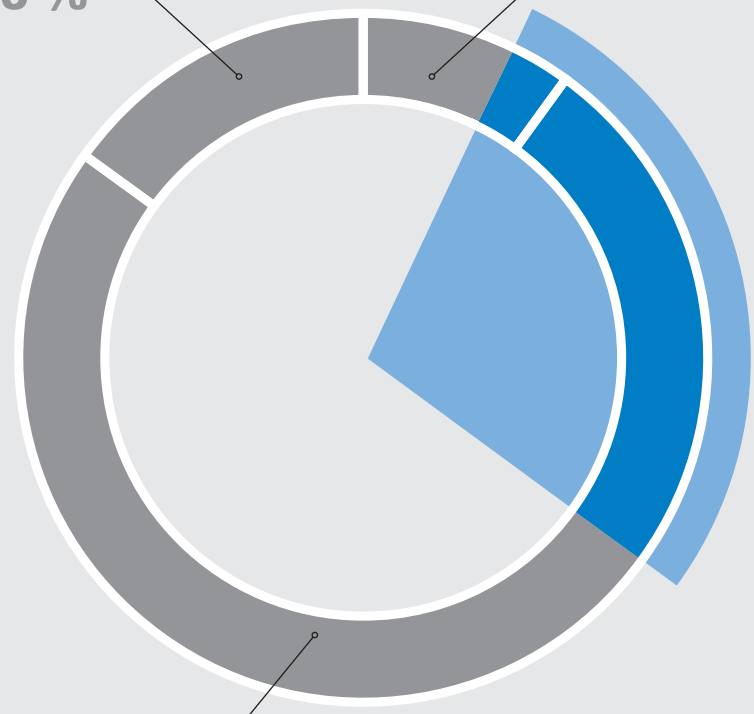
Does your compressor station still meet your specific site requirements? Oversized or obsolete components can be the source of high energy costs. The AIReport system helps to detect weak points within a compressed air system by monitoring compressed air generation, treatment and distribution over a set period of time (e.g. one week, two weeks or even a month): this tool will help you save energy!



Savings potential of up to 30 % is possible
with a frequency controlled compressor:
- minimised idling time
- pressure reduction
- load cycles virtually eliminated.

The BOGE sign for efficient compressed air solutions: Wherever it is displayed, users can be assured of a particularly efficient BOGE solution helping to save a great deal of money!

Why don‘t our compressors cost less? **Because our customers can‘t afford that.**



Your BOGE advantage:
More than a third of potential savings with regard to energy and maintenance costs are due to high quality components and efficient solutions!

QUALITY PAYS OFF

Purchase costs represent only a small portion of a compressors life cycle investment costs. Because BOGE compressors are designed to provide trouble-free and efficient operation for a long period of time, they are in many cases the most cost effective solution below the line. It is therefore not without good reason that users around the world increasingly rely on premium quality made by BOGE!

Industry and Trade deserve quality solutions: And, our customers have come to rely on BOGE for uncompromising quality and intelligent engineering “Made in Germany”.

More than 100,000 compressed air users around the world know that such values pay off in the long run: because a reliable, efficient and durable supply of compressed air is paramount to the operation of their business.

German engineering

The use of high quality materials and a reduced number of wear parts makes the BOGE product as efficient and reliable as our demanding customers rightfully expect. The entire BOGE production process is subject to permanent quality control – from inspection of incoming material to final inspection and testing – with all positions closely monitored by experienced quality officers. And when it comes to product development, BOGE ranks among the first for German engineering: Repeatedly our innovations are considered as industry trendsetters and are often protected by Worldwide patents.

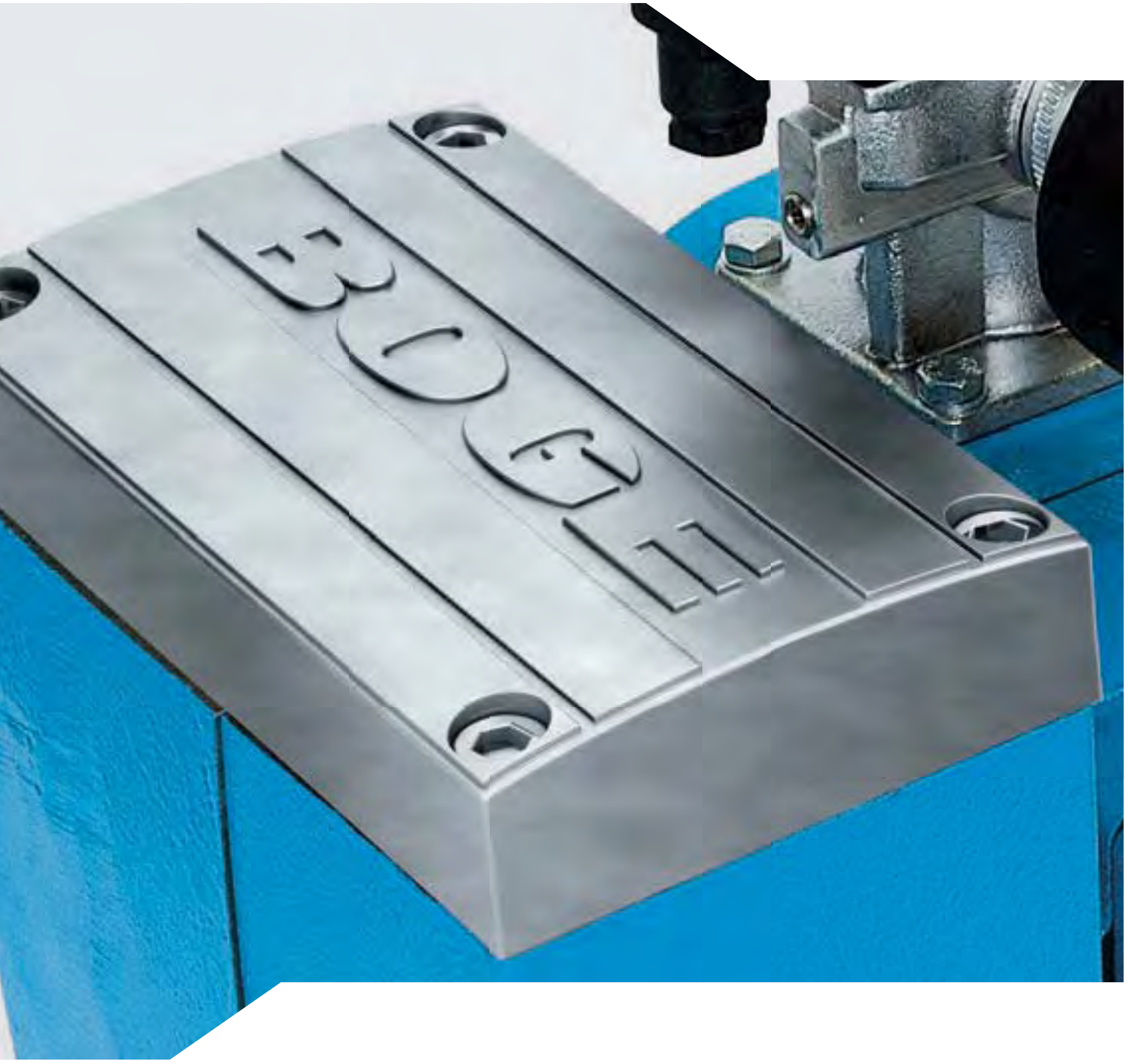
Strict guidelines

The prototypes of newly developed BOGE products are subjected to all kinds of practical tests. For example fatigue tests under extreme conditions are carried out to determine the product‘s readiness for the market prior to release for series production. No BOGE product leaves the Bielefeld facility without completing a personal final inspection protocol. This document has to be signed off by our employee.

Permanent optimisation

All BOGE products are subject to permanent quality audits and assessed according to the latest industry standards and practical experience – which translates into continuous improvement for the benefit of our customers. You are welcome to contact our energy efficiency experts for more details on how to realise additional savings potentials in your compressed air system. Use the BOGE AIReport or carry out leak detection in order to save ready cash: **Please do not hesitate to contact us!**

Compact experts



The BOGE C series:

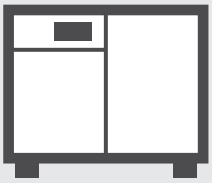
Screw compressors compact as never before: All components in one module – extremely silent and flexible, extendable for small and medium compressed air demands.

Powerful specialists

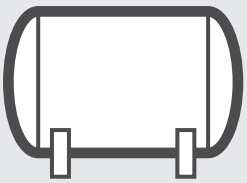
The BOGE S series:

Powerful, efficient and reliable screw compressors for medium and bigger compressed air demands – extendable due to modular design.

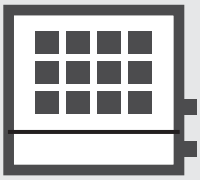
Compressed air with a method: Modules of BOGE screw compressors.



Screw compressor



Compressed air receiver



Refrigerant dryer

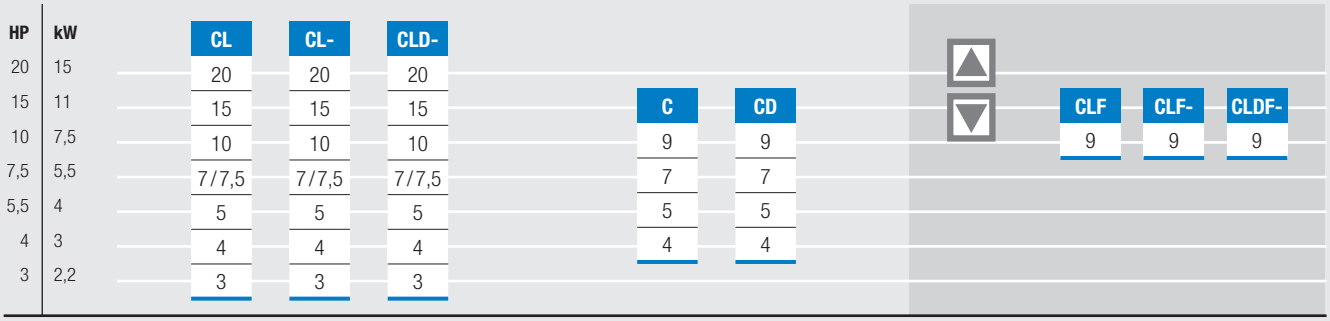
Frequency control

ADVANTAGES OF THE COMPACT MODULAR DESIGN:

- **Flexible combination possibilities**
- **Unit completely ready for connection**
- **Minimum flow losses due to compact construction**
- **High-quality piping protects against leakages**

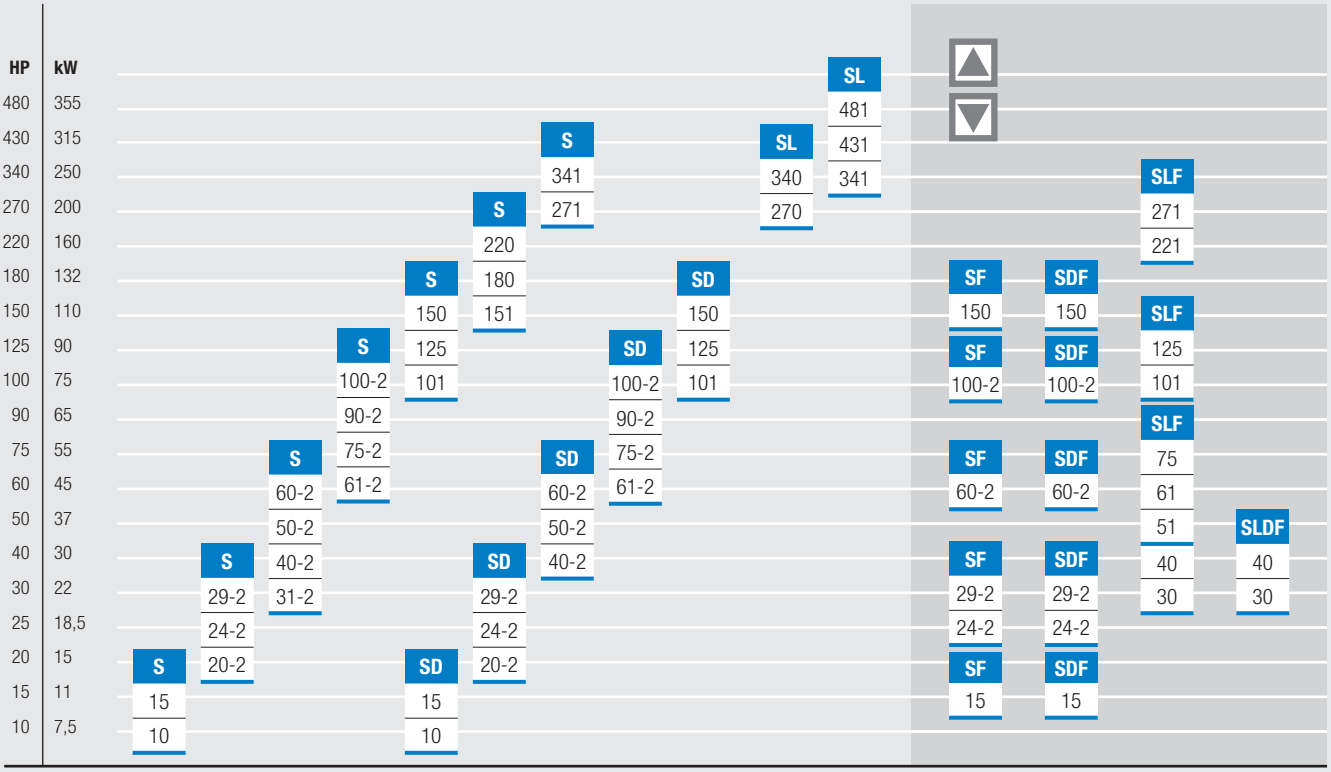
Modular design, compact system: Because of the modular design BOGE screw compressors allow for individual configuration of your compressed air system. Each compact module is pre-assembled and ready for use: for efficient and reliable operation in all types of applications.

PERFORMANCE OVERVIEW OF THE C SERIES



frequency controlled

PERFORMANCE OVERVIEW OF THE S SERIES



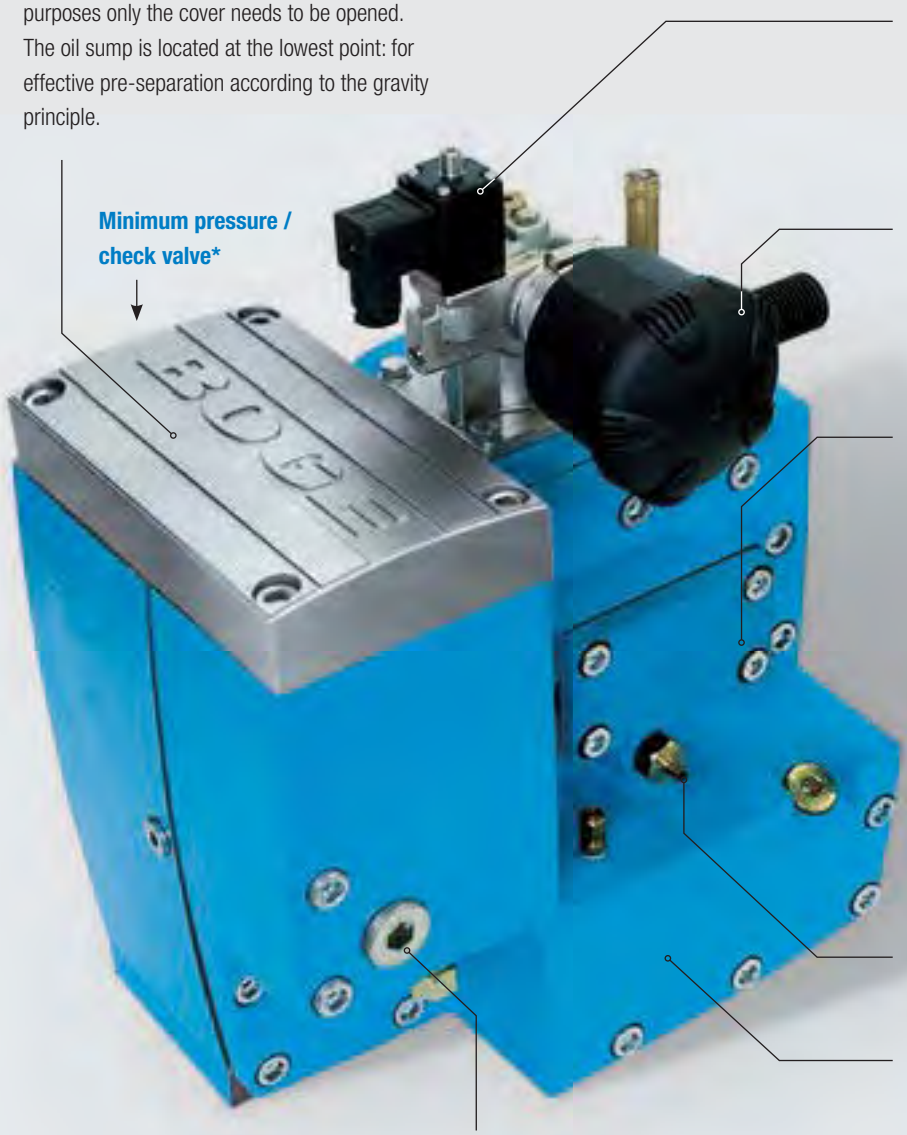
frequency controlled

Compressor output more space saving than ever: Design advantages of the BOGE C series.

THE CM COMPACT MODULE:

All necessary components are integrated into the airend block. Maintenance and wear parts are easily accessible – for maximum comfort and highest operational safety.

Integrated oil separating system
Both oil separating cartridge and oil filter cartridge are easily accessible: for maintenance purposes only the cover needs to be opened. The oil sump is located at the lowest point: for effective pre-separation according to the gravity principle.



Multifunctional intake control with integrated solenoid valve for functionally reliable operation without leakages.

Silenced intake filter with paper filter cartridge
The filter separates 99.9 percent of all particles larger than 3 µm: assuring high quality compressed air right at its source.

BOGE airend with special BOGE profile and HD bearing
The specially designed airend is characterised by its high output and low energy consumption.

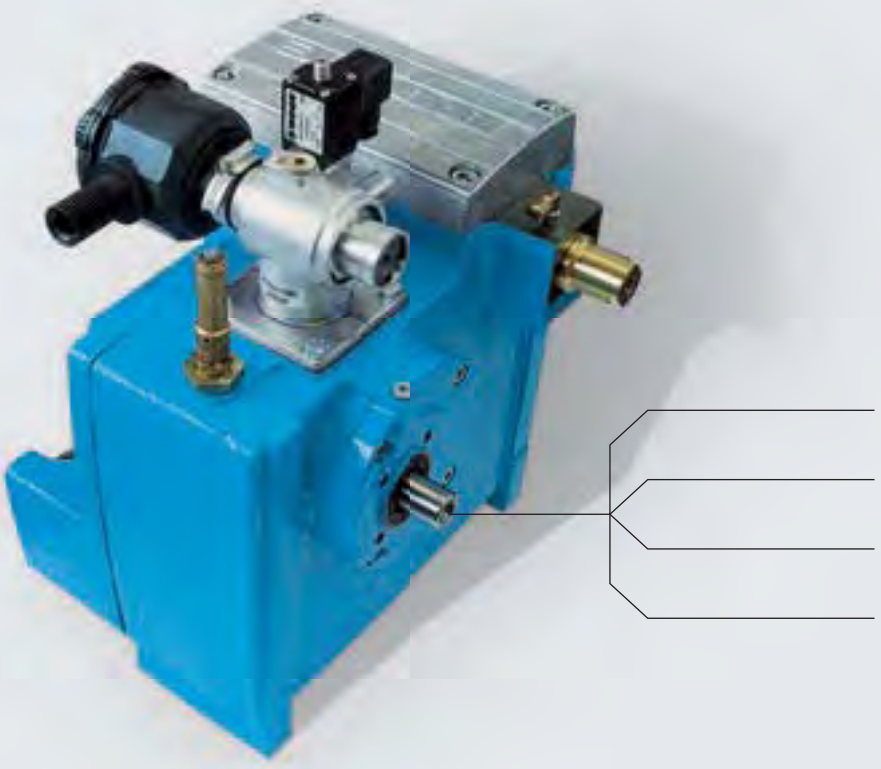
***Minimum pressure / check valve**
Integrated design eliminates piping – for maximum leakage safety.

Temperature sensor

CNC machined cast iron housing
High quality machining eliminates the risk of leakage. The heavy cast iron housing also serves to reduce noise right at the source.

Thermo-static oil level regulation
Easily accessible from the outside.

Compact is first class: Due to their compact design, C series screw compressors are ideally suited for small spaces – optimal for use in stationary machines or for mobile use in vehicles. There are a number of possible options – from variable drives to dryers and frequency control – our machines can be individually configured to meet most requirements. Very quiet in operation! Really, you can scarcely hear them: an intelligent compact system to meet the most demanding installation requirements.



Flexible drive

The C series compact module can be supplied with a drive of your choice – direct drive or belt drive. You are welcome to contact us to work out an optimal solution to meet your requirements!

Electric motor drive (50 or 60 Hz)

Hydraulic drive

Combustion engine

Cardan shaft

COMPACT DESIGN

Integration of all essential components eliminates the need for interconnecting pipes. Leakages are virtually eliminated. Pressure losses are minimised.

EXTREMELY SILENT

The C series is very quiet in operation and absolutely vibration less. Because of the sound adsorbing graphite cast no further silencing is required.

INTELLIGENT LAYOUT

All maintenance and wear parts are easily accessible from the outside via a single cover – allowing fast and trouble-free maintenance. From CL 10 available with exterior oil separator cartridge.

Compact module **CM**
Screw compressors **CL 3** to **CL 20**

Compact module **CM**

Compact module with
different drive options

Effective free air delivery:
0,34 – approx. 3 m³/min, 12 – 106 cfm
Pressure range: 5 –13 bar, 75 – 190 psig
Motor range: 2,2 – 22 kW, 3 – 29 HP

Screw compressor **CL**

Compact screw compressor

Effective free air delivery:
0.234 – 2.24 m³/min, 8 – 79 cfm
Pressure range: 10 and 13 bar, 150 and 190 psig
Motor range: 2.2 – 15 kW, 3 – 20 HP

BOGE Model	Max. pressure		Effective free air delivery* 50 Hz		Effective free air delivery* 60 Hz		Motor power		Dimensions W x D x H	Weight
	bar	psig	m³/min	cfm	m³/min	cfm	kW	HP	mm	kg
CL 3	10	150	0.240	9	–	–	2.2	3.0	755 x 485 x 495	105
CL 4	10	150	0.340	12	0.31	11	3.0	4.0	755 x 485 x 495	110
CL 4	13	190	0.234	8	–	–	3.0	4.0	755 x 485 x 495	110
CL 5	10	150	0.545	19	0.40	14	4.0	5.5	755 x 485 x 495	125
CL 7	10	150	0.728	25	–	–	5.5	7.5	755 x 485 x 495	130
CL 7	13	190	0.525	19	–	–	5.5	7.5	755 x 485 x 495	130
CL 7.5	10	150	–	–	0.68	24	5.5	7.5	755 x 485 x 495	130
CL 10	10	150	1.060	37	1.03	36	7.5	10.0	1171 x 599 x 595	260
CL 15	10	150	1.700	60	–	–	11.0	15.0	1333 x 599 x 606	290
CL 20	10	150	2.240	79	2.17	77	15.0	20.0	1333 x 599 x 606	300

* Free air delivery for the complete package in accordance with ISO 1217, Appendix C, at 20ºC ambient temperature and maximum pressure. Emitted sound level as per PN8NTC2.3 from 59 dB(A)

Compressor system **CL 3-** to **CL 20-**
Compressed air centre **CLD 3-** to **CLD 20-**

Effective free air delivery: 0.234 – 2.24 m³/min, 8 – 79 cfm
Pressure range: 10 and 13 bar, 150 and 190 psig
Motor range: 2.2 – 15 kW, 3 – 20 HP

Compressor system **CL-**

Receiver mounted
screw compressor

Compressed air centre **CLD-**

Receiver mounted screw compressor
and refrigerant dryer

BOGE Model	Max. pressure		Receiver volume	Effective free air delivery* 50 Hz		Effective free air delivery* 60 Hz		Motor power		Receiver option	Dimensions W x D x H	Weight
	bar	psig	Litres	m³/min	cfm	m³/min	cfm	kW	HP	Litres	mm	kg
CL 3-	10	150	90	0.240	9	–	–	2.2	3.0	270	1130 x 490 x 920	155
CL 4-	10	150	90	0.340	12	0.31	11	3.0	4.0	270	1130 x 490 x 920	160
CL 4-	13	190	90	0.234	8	–	–	3.0	4.0	270	1130 x 490 x 920	165
CL 5-	10	150	90	0.545	19	0.40	14	4.0	5.5	270	1130 x 490 x 920	175
CL 7-	10	150	90	0.728	25	–	–	5.5	7.5	270	1130 x 490 x 920	180
CL 7-	13	190	90	0.525	19	–	–	5.5	7.5	270	1130 x 490 x 920	185
CL 7.5-	10	150	90	–	–	0.68	24	5.5	7.5	270	1130 x 490 x 920	180
CL 10-	10	150	350	1.060	37	1.03	36	7.5	10.0	500	1734 x 620 x 1229	370
CL 15-	10	150	350	1.700	60	–	–	11.0	15.0	500	1734 x 620 x 1229	410
CL 20-	10	150	350	2.240	79	2.17	77	15.0	20.0	500	1734 x 620 x 1229	430

* Free air delivery for the complete package in accordance with ISO 1217, Appendix C, at 20ºC ambient temperature and maximum pressure. Emitted sound level as per PN8NTC2.3 from 59 dB(A)

BOGE Model	Max. pressure**		Receiver volume	Effective free air delivery* 50 Hz		Effective free air delivery* 60 Hz		Nominal output drive motor		Dimensions W x D x H	Weight
	bar	psig	Litres	m³/min	cfm	m³/min	cfm	kW	HP	mm	kg
CLD 3-	10	150	270	0.240	9	–	–	2.2	3.0	1700 x 590 x 1130	225
CLD 4-	10	150	270	0.340	12	0.31	11	3.0	4.0	1700 x 590 x 1130	230
CLD 4-	13	190	270	0.234	8	–	–	3.0	4.0	1700 x 590 x 1130	250
CLD 5-	10	150	270	0.545	19	0.40	14	4.0	5.5	1700 x 590 x 1130	245
CLD 7-	10	150	270	0.728	25	–	–	5.5	7.5	1700 x 590 x 1130	250
CLD 7-	13	190	270	0.525	19	–	–	5.5	7.5	1700 x 590 x 1130	270
CLD 7.5-	10	150	270	–	–	0.68	24	5.5	7.5	1700 x 590 x 1130	250
CLD 10-	10	150	350	1.060	37	1.03	36	7.5	10.0	1814 x 620 x 1282	400
CLD 15-	10	150	350	1.700	60	–	–	11.0	15.0	1814 x 620 x 1282	440
CLD 20-	10	150	350	2.240	79	2.17	77	15.0	20.0	1814 x 620 x 1282	460

* Free air delivery for the complete package in accordance with ISO 1217, Appendix C, at 20ºC ambient temperature and maximum pressure. Emitted sound level as per PN8NTC2.3 from 59 dB(A)
** Max. pressure of the compressor

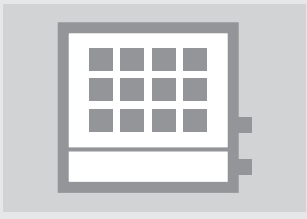
Screw compressor **C 4** to **C 9**
Compressed air station **CD 4** to **CD 9**

Effective free air delivery: 0.28 – 1.2 m³/min, 10 – 42 cfm
Pressure range: 8 – 13 bar, 115 – 190 psig
Motor range: 3 – 7,5 kW, 4 – 10 HP

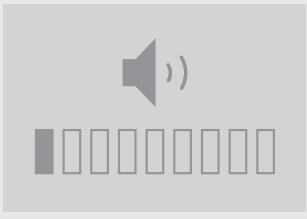
C 4 to C 7

C 9 and CD 4 to CD 9

EFFICIENCY
The specially designed BOGE airend provides high output volumes at low energy consumption – for reliable and efficient compressed air supply.



REFRIGERANT DRYER
As an option the compressor can be supplied with a horizontal refrigerant dryer (CD series). No additional footprint is required.



EXTREMELY QUIET
All C series compressors are characterised by very low sound pressure levels due to their super-silenced cabinets.

CONTROL
The compressor is controlled by the BASIC control system with LC display and pressure sensor technology. The FOCUS control is available as an option that offers additional monitoring and control options.

Compact, efficient, very quiet: The space saving C series screw compressors are designed for long-term performance. A refrigerant dryer mounted on a horizontal receiver is available as an option. Even at full load operation the compressor operates reliably and safely at optimum efficiency providing a long service life.

BOGE Model	Max. pressure**		Effective free air delivery*		Motor power		Dimensions W x D x H	Weight
	bar	psig	m^3/min	cfm	kW	HP	mm	kg
C 4	8	115	0.427	15	3.0	4.0	480 x 920 x 960	190
C 4	10	150	0.340	12	3.0	4.0	480 x 920 x 960	190
C 4	13	190	0.280	10	3.0	4.0	480 x 920 x 960	190
C 5	8	115	0.630	22	4.0	5.5	480 x 920 x 960	195
C 5	10	150	0.545	19	4.0	5.5	480 x 920 x 960	195
C 5	13	190	0.440	15	4.0	5.5	480 x 920 x 960	195
C 7	8	115	0.900	32	5.5	7.5	480 x 920 x 960	210
C 7	10	150	0.770	27	5.5	7.5	480 x 920 x 960	210
C 7	13	190	0.642	23	5.5	7.5	480 x 920 x 960	210
C 9	8	115	1.200	42	7.5	10.0	480 x 1000 x 1240	215
C 9	10	150	1.100	39	7.5	10.0	480 x 1000 x 1240	215
C 9	13	190	0.900	32	7.5	10.0	480 x 1000 x 1240	215
CD 4	8	115	0.427	15	3.0	4.0	480 x 1000 x 1240	210
CD 4	10	150	0.340	12	3.0	4.0	480 x 1000 x 1240	210
CD 4	13	190	0.280	10	3.0	4.0	480 x 1000 x 1240	210
CD 5	8	115	0.630	22	4.0	5.5	480 x 1000 x 1240	215
CD 5	10	150	0.545	19	4.0	5.5	480 x 1000 x 1240	215
CD 5	13	190	0.440	15	4.0	5.5	480 x 1000 x 1240	215
CD 7	8	115	0.900	32	5.5	7.5	480 x 1000 x 1240	230
CD 7	10	150	0.770	27	5.5	7.5	480 x 1000 x 1240	230
CD 7	13	190	0.642	23	5.5	7.5	480 x 1000 x 1240	230
CD 9	8	115	1.200	42	7.5	10.0	480 x 1000 x 1240	235
CD 9	10	150	1.100	39	7.5	10.0	480 x 1000 x 1240	235
CD 9	13	190	0.900	32	7.5	10.0	480 x 1000 x 1240	235

* Free air delivery for the complete package in accordance with ISO 1217, Appendix C, at 20ºC ambient temperature and maximum pressure. Emitted sound level as per PN8NTC2.3 from 59 dB(A)
** Max. pressure of the compressor

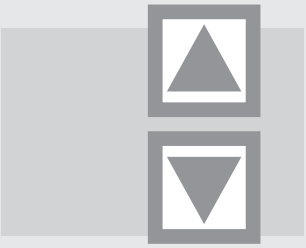
Screw compressor **CLF 9** / Compressor system **CLF 9-** / Compressed air centre **CLDF 9-** / with frequency control

Effective free air delivery:
0.24 – 1.27 m³/min, 8 – 45 cfm
Pressure range: 8 – 13 bar, 115 – 190 psig
Motor range: 7,5 kW, 10 HP

CLF 9 (super-silenced as option)


CLF 9- (super-silenced as option)


CLDF 9-



FREQUENCY CONTROL
The frequency converter flexibly controls the motor speed and therefore the airend this ensures the compressor output automatically adjusts to the momentary demand.

MAXIMUM EFFICIENCY
The airend operates at the necessary speed to generate as much compressed air as is required. Expensive idling as well as load/no load cycles are thus eliminated. At the same time, a tighter pressure band can be maintained, also helping to save energy.

REFRIGERANT DRYER
The CLDF version is equipped with a refrigerant dryer. This enables users to generate dry air without any additional space requirements.

CONTROL
The compressor is controlled via the BOGE BASIC control with LC display and pressure sensor technology. The BOGE FOCUS control is available as an optional extra, offering further monitoring and control possibilities.

Best specific working point: When frequency controlled the CLF series compressors automatically adjust to the air demand whilst controlling the pressure perfectly. In the event of a change of the pressure value, the output automatically adjusts. A 13 bar machine thus regulated to an 8 bar machine yields a correspondingly higher output – without any expensive remodelling or design related modifications.

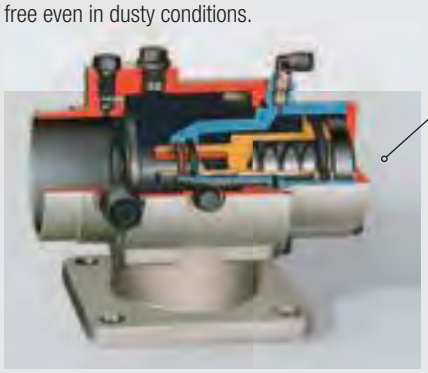
BOGE Model	Max. pressure**		Receiver volume	Effective free air delivery*		Motor power		Dimensions silenced W x D x H mm	Dimensions super-silenced W x D x H mm	Com-pressed air outlet	Weight silenced kg	Weight super-silenced. kg
	bar	psig	Litres	m³/min	cfm	kW	HP					
CLF 9	8	115	–	0.26-1.27	9-45	7.5	10	1020 x 532 x 723	1020 x 532 x 796	G 1/2	200	208
CLF 9	10	150	–	0.25-1.12	9-40	7.5	10	1020 x 532 x 723	1020 x 532 x 796	G 1/2	200	208
CLF 9	13	190	–	0.24-0.93	8-33	7.5	10	1020 x 532 x 723	1020 x 532 x 796	G 1/2	200	208
CLF 9-	8	115	270	0.26-1.27	9-45	7.5	10	1820 x 633 x 1270	1820 x 633 x 1343	G 1/2	315	323
CLF 9-	10	150	270	0.25-1.12	9-40	7.5	10	1820 x 633 x 1270	1820 x 633 x 1343	G 1/2	315	323
CLF 9-	13	190	250	0.24-0.93	8-33	7.5	10	1620 x 633 x 1270	1620 x 633 x 1343	G 1/2	310	318
CLDF 9-	8	115	270	0.26-1.27	9-45	7.5	10	1820 x 633 x 1270	1820 x 633 x 1343	G 1/2	362	370
CLDF 9-	10	150	270	0.25-1.12	9-40	7.5	10	1820 x 633 x 1270	1820 x 633 x 1343	G 1/2	362	370
CLDF 9-	13	190	250	0.24-0.93	8-33	7.5	10	1620 x 633 x 1270	1620 x 633 x 1343	G 1/2	357	365

* Free air delivery for the complete package in accordance with ISO 1217, Appendix C, at 20ºC ambient temperature and maximum pressure. Emitted sound level as per PN8NTC2.3 from 72 dB(A)
** Max. pressure of the compressor
Ask for further receiver dimensions.

Powerful in every detail: The design advantages of the BOGE S series.

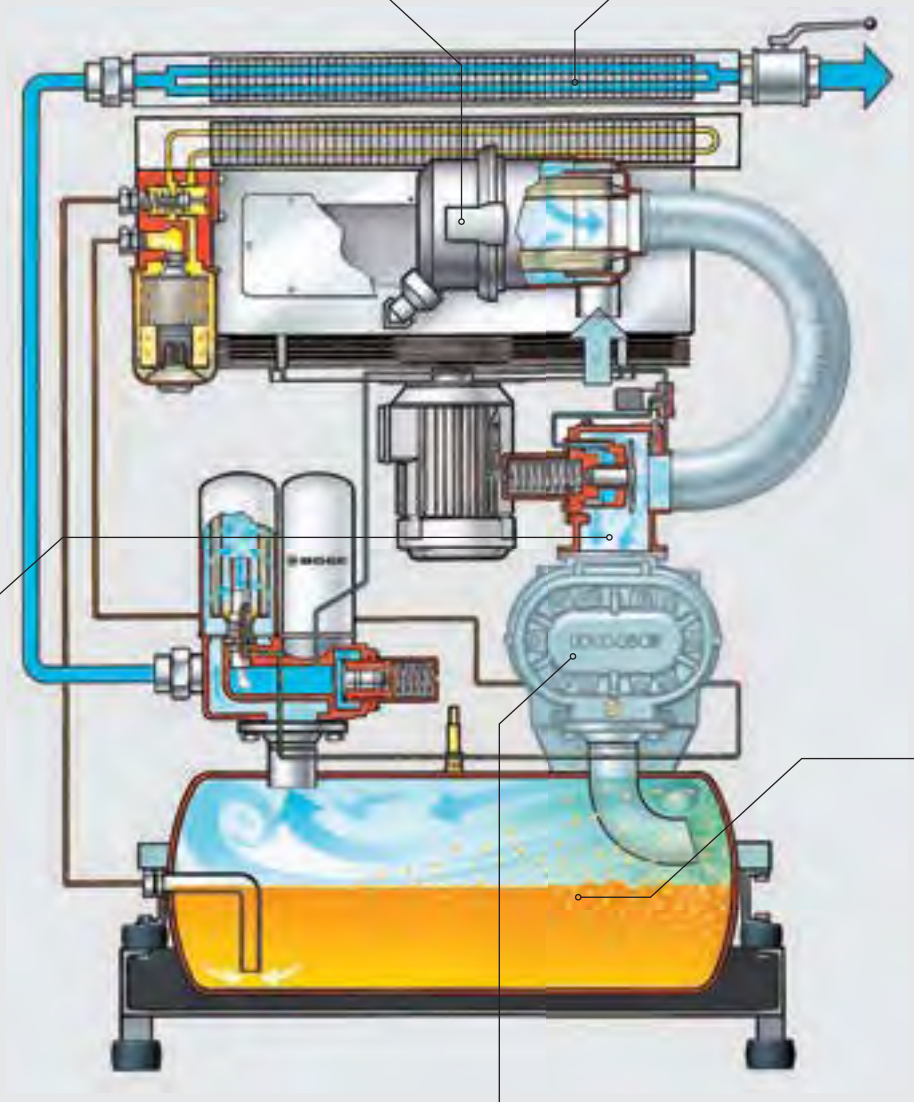
INTAKE FILTER WITH PAPER MICROFILTER INSERT

quietly intakes air from the cool section of the cooling air flow whilst at the same time intensively cleans it to ensure the longest possible service life of all downstream components. The compressor operates trouble-free even in dusty conditions.



MULTIFUNCTIONAL INTAKE CONTROL

ensures a valve-less oil circuit without oil stop or check valve and the lowest possible internal pressure losses. It hermetically seals to prevent discharge of oil vapours. A fully unloaded start helps to save energy. The Multifunction control is intrinsically safe in operation and in the event of shutdown fails safe.



AIREND WITH ELECTRIC MOTOR

The airend is driven by a class F, IP55 standard motor which is located in the coolest section of the compressor. BOGE motors have genuine power reserves and are therefore not overloaded.

Intelligent design advantage: **The award winning BOGE S series design incorporates a clever cabinet layout with a high quality finish and maximum efficiency. Every component part incorporates the decade long know-how of our engineers – advantages paid back through reliable daily operation.**

COOLER SECTION

The self-sufficient section, where the highest cooling air temperatures occur, is located at the top of the compressor in the cooling air discharge and houses a generously dimensioned aftercooler with separate cooling air fan and cooling air guiding hood. The cooling air either discharges to the atmosphere or ideally, as heat recovery, to supplement space heating via ducting.

EASY MAINTENANCE

All maintenance parts are easily accessible from one side of the compressor. This reduces maintenance costs to a minimum.

INTERNAL PIPEWORK

All oil carrying pipes are made of steel terminating with high quality precision threaded joints that are leak proof and safe even under highest pressures. The entire machine utilises only one hose on the clean air side which also serves for vibration damping.

BOGE SAFETY OIL SEPARATION SYSTEM

Includes horizontal oil separation reservoir, directly mounted airend and external oil separator cartridge. This innovative system ensures oil separation with virtually no pressure losses and a residual oil content of only 1-3 mg/m^3 in every operating phase. The external oil separator cartridge is minimally loaded: a guarantee for long service life.

INTEGRATED SWITCH CABINET

The switch cabinet is integrated into the screw compressor housing. It is fully pre-wired and ready for use. The cabinet also houses a quick fit modular microprocessor compressor controller.

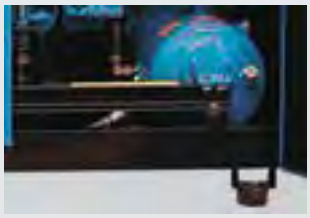
OPTIONAL WATER COOLING

The larger high volume BOGE screw compressors are available cooled.

Screw compressor **S 10** to **S 29-2**

Effective free air delivery: 0.91 – 3.45 m³/min, 32 – 122 cfm
Pressure range: 8 – 13 bar, 115 – 190 psig
Motor range: 7.5 – 22 kW, 10 – 30 HP

VALVE-LESS OIL CIRCUIT
The BOGE screw compressor is designed with a valve-less oil circuit eliminating the need for oil stop or check valves. This function provides maximum operating safety.



DECOUPLED UNIT
A sub-frame mounted on vibration damping feet prevents transmission of structure borne sound. A rigid basic frame allows easy transportation by lift truck or stacker truck.

HORIZONTAL OIL RESERVOIR
For long service life and high compressed air quality! The oil separation reservoir tank is located in the lowest section of the machine and here rapid oil pre-separation takes place before the compressed air enters the external oil separator cartridge.

Control
The compressor is controlled via the BOGE BASIC control with LC display and pressure sensor technology. The BOGE FOCUS control is available as an optional extra, offering further monitoring and control possibilities.

Dependable output: BOGE S series screw compressors are designed for flexible and reliable operation in every situation. These industrial compressors can be tank mounted with or without a dryer. The high quality workmanship and efficient compact design stand for high operating safety and maximum efficiency.

BOGE Model	Max. pressure		Effective free air delivery*		Motor power		Dimensions super-silenced W x D x H	Dimensions ultra-silenced W x D x H	Weight super-silenced.	Weight ultra-silenced.
	bar	psig	m³/min	cfm	kW	HP	mm	mm	kg	kg
S 10	8	115	1.18	42	7.5	10	940 x 700 x 970	940 x 700 x 1200	220	235
	10	150	1.06	39	7.5	10	940 x 700 x 970	940 x 700 x 1200	220	235
	13	190	0.91	32	7.5	10	940 x 700 x 970	940 x 700 x 1200	220	235
S 15	8	115	1.65	58	11.0	15	940 x 700 x 970	940 x 700 x 1200	220	235
	10	150	1.45	51	11.0	15	940 x 700 x 970	940 x 700 x 1200	220	235
	13	190	1.25	44	11.0	15	940 x 700 x 970	940 x 700 x 1200	220	235
S 20-2	8	115	2.57	91	15.0	20	1200 x 850 x 1150	1200 x 850 x 1500	350	375
	10	150	2.24	80	15.0	20	1200 x 850 x 1150	1200 x 850 x 1500	350	375
	13	190	1.90	67	15.0	20	1200 x 850 x 1150	1200 x 850 x 1500	350	375
S 24-2	8	115	3.05	108	18.5	25	1200 x 850 x 1150	1200 x 850 x 1500	365	390
	10	150	2.66	94	18.5	25	1200 x 850 x 1150	1200 x 850 x 1500	365	390
	13	190	2.26	80	18.5	25	1200 x 850 x 1150	1200 x 850 x 1500	365	390
S 29-2	8	115	3.45	122	22.0	30	1200 x 850 x 1150	1200 x 850 x 1500	365	390
	10	150	3.11	110	22.0	30	1200 x 850 x 1150	1200 x 850 x 1500	365	390
	13	190	2.57	91	22.0	30	1200 x 850 x 1150	1200 x 850 x 1500	365	390

* Free air delivery for the complete package in accordance with ISO 1217, Appendix C, at 20ºC ambient temperature and maximum pressure. Emitted sound level as per PN8NTC2.3 from 68 dB(A)

Compressor system **S 10-** to **S 29-2-**
Duplex system **S 10-…D** to **S 15-…D**

Effective free air delivery: 0.91 – 3.45 m³/min, 32 – 122 cfm
Pressure range: 8 – 13 bar, 115 – 190 psig
Motor range: 7.5 – 22 kW, 10 – 30 HP

Compressor system **S-**

Screw compressor
mounted on horizontal receiver

Duplex system **S-…D**

2 screw compressors
mounted on horizontal receiver

BOGE Model	Receiver volume Litres	Max. pressure bar	psig	Effective free air delivery* m³/min	cfm	Motor power kW	HP	Receiver options Litres
S 10-	270	8	115	1.18	42	7.5	10	350. 500. 750
		10	150	1.06	39	7.5	10	350. 500. 750
S 10-	250	13	190	0.91	32	7.5	10	350. 500. 750
S 15-	350	8	115	1.65	58	11.0	15	500. 750
		10	150	1.45	51	11.0	15	500. 750
		13	190	1.25	44	11.0	15	500. 750
S 20-2-	750	8	115	2.57	91	15.0	20	
		10	150	2.24	80	15.0	20	
		13	190	1.90	67	15.0	20	
S 24-2-	750	8	115	3.05	108	18.5	25	
		10	150	2.66	94	18.5	25	
		13	190	2.26	80	18.5	25	
S 29-2-	750	8	115	3.45	122	22.0	30	
		10	150	3.11	110	22.0	30	
		13	190	2.57	91	22.0	30	

BOGE Model	Dimensions W x D x H mm	Weight kg
S 10- to S 15-		
super-silenced from	1650 x 790 x 1520	325
to	2000 x 935 x 1760	470
ultra-silenced from	1650 x 790 x 1750	340
to	2000 x 935 x 1990	485
S 20-2- to S 29-2-		
super-silenced from	2000 x 950 x 1950	600
to	2000 x 950 x 1950	615
ultra-silenced from	2000 x 950 x 2300	625
to	2000 x 950 x 2300	640

BOGE Model	Receiver volume Litres	Max. pressure bar	psig	Effective free air delivery* m³/min	cfm	Motor power kW	HP
S 10-…D	750	8	115	2 x 1.18	2 x 42	2 x 7.5	2 x 10
		10	150	2 x 1.06	2 x 39	2 x 7.5	2 x 10
		13	190	2 x 0.91	2 x 32	2 x 7.5	2 x 10
S 15-…D	750	8	115	2 x 1.65	2 x 58	2 x 11.0	2 x 15
		10	150	2 x 1.45	2 x 51	2 x 11.0	2 x 15
		13	190	2 x 1.25	2 x 44	2 x 11.0	2 x 15

BOGE Model	Dimensions W x D x H mm	Weight kg
S 10-…D to S 15-…D		
super-silenced from	2220 x 820 x 1750	325
to	2220 x 820 x 1750	470
ultra-silenced from	1650 x 790 x 1750	340
to	1650 x 790 x 1750	485

* Free air delivery for the complete package in accordance with ISO 1217, Appendix C, at 20ºC ambient temperature and maximum pressure. Emitted sound level as per PN8NTC2.3 from 68 dB(A)

Compressed air station **SD 10** to **SD 29-2**
Compressed air centre **SD 10-** to **SD 29-2-**

Effective free air delivery: 0.91 – 3.45 m³/min, 32 – 122 cfm
Pressure range: 8 – 13 bar, 115 – 190 psig
Motor range: 7.5 – 22 kW, 10 – 30 HP

Compressed air station **SD**

Screw compressor
with integral refrigerant dryer

Compressed air centre **SD-**

Screw compressor
with refrigerant dryer
mounted on horizontal receiver

BOGE Model	Max. pressure**		Effective free air delivery*		Motor power	
	bar	psig	m³/min	cfm	kW	HP
SD 10	8	115	1.18	42	7.5	10
	10	150	1.06	39	7.5	10
	13	190	0.91	32	7.5	10
SD 15	8	115	1.65	58	11.0	15
	10	150	1.45	51	11.0	15
	13	190	1.25	44	11.0	15
SD 20-2	8	115	2.57	91	15.0	20
	10	150	2.24	80	15.0	20
	13	190	1.90	67	15.0	20
SD 24-2	8	115	3.05	108	18.5	25
	10	150	2.66	94	18.5	25
	13	190	2.26	80	18.5	25
SD 29-2	8	115	3.45	122	22.0	30
	10	150	3.11	110	22.0	30
	13	190	2.57	91	22.0	30

BOGE Model	Dimensions W x D x H mm	Weight kg
SD 10 to SD 15		
super-silenced	975 x 700 x 1265	260
ultra-silenced	975 x 700 x 1495	275
SD 20-2		
super-silenced	1200 x 850 x 1500	400
ultra-silenced	1200 x 850 x 1850	425
SD 24-2 to SD 29-2		
super-silenced	1200 x 850 x 1500	425
ultra-silenced	1200 x 850 x 1850	450

BOGE Model	Receiver volume Litres	Max. pressure**		Effective free air delivery*		Motor power		Receiver options Litres
		bar	psig	m³/min	cfm	kW	HP	
SD 10-	350	8	115	1.18	42	7.5	10	500, 750
		10	150	1.06	39	7.5	10	500, 750
		13	190	0.91	32	7.5	10	500, 750
SD 15-	350	8	115	1.65	58	11.0	15	500, 750
		10	150	1.45	51	11.0	15	500, 750
		13	190	1.25	44	11.0	15	500, 750
SD 20-2-	750	8	115	2.57	91	15.0	20	
		10	150	2.24	80	15.0	20	
		13	190	1.90	67	15.0	20	
SD 24-2-	750	8	115	3.05	108	18.5	25	
		10	150	2.66	94	18.5	25	
		13	190	2.26	80	18.5	25	
SD 29-2-	750	8	115	3.45	122	22.0	30	
		10	150	3.11	110	22.0	30	
		13	190	2.57	91	22.0	30	

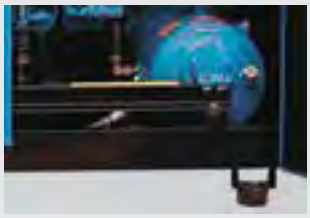
BOGE Model	Dimensions W x D x H mm	Weight kg
SD 10- to SD 15-		
super-silenced from	1650 x 790 x 1550	400
to	2000 x 935 x 1760	520
ultra-silenced from	1650 x 790 x 1750	415
to	2000 x 935 x 1990	535
SD 20-2- to SD 29-2-		
super-silenced from	2000 x 950 x 1950	670
to	2000 x 950 x 1950	695
ultra-silenced from	2000 x 950 x 2300	695
to	2000 x 950 x 2300	720

* Free air delivery for the complete package in accordance with ISO 1217, Appendix C, at 20ºC ambient temperature and maximum pressure. Emitted sound level as per PN8NTC2.3 from 72 dB(A)
** Max. pressure of the compressor

Screw compressor **S 31-2** to **S 341**

Effective free air delivery: 2.67 – 40.8 m³/min, 94 – 1441 cfm
Pressure range: 8 – 13 bar, 115 – 190 psig
Motor range: 22 – 250 kW, 30 – 340 HP

VALVE-LESS OIL CIRCUIT
The BOGE screw compressor is designed with a valve-less oil circuit eliminating the need for oil stop or check valves. This function provides maximum operating safety.



DECOUPLED UNIT
A sub-frame mounted on vibration damping feet prevents transmission of structure borne sound. A rigid basic frame allows easy transportation by lift truck or stacker truck.

EFFICIENCY
The specially designed BOGE airend provides high output volumes at low energy consumption – for reliable and energy efficient compressed air supply.

CONTROL
The BOGE FOCUS control is the standard compressor control and provides numerous control and monitoring features.

BOGE Model	Max. pressure		Effective free air delivery*		Motor power				Dimensions[1] silenced W x D x H	Dimensions[2] super-silenced W x D x H	Com-pressed air outlet	Weight silenced	Weight super-silenced
					Main drive motor		Fan motor						
	bar	psig	m³/min	cfm	kW	HP	kW	HP	mm	mm		kg	kg
S 31-2	8	115	3.88	137	22	30	0.55	0.75	1620x 960x1450	1620x 960x1950	G 1¼	740	770
S 31-2	10	150	3.30	117	22	30	0.55	0.75	1620x 960x1450	1620x 960x1950	G 1¼	740	770
S 31-2	13	190	2.67	94	22	30	0.55	0.75	1620x 960x1450	1620x 960x1950	G 1¼	740	770
S 40-2	8	115	5.17	183	30	40	1.10	1.50	1620x 960x1450	1620x 960x1950	G 1¼	740	770
S 40-2	10	150	4.63	164	30	40	1.10	1.50	1620x 960x1450	1620x 960x1950	G 1¼	740	770
S 40-2	13	190	3.82	135	30	40	1.10	1.50	1620x 960x1450	1620x 960x1950	G 1¼	740	770
S 50-2	8	115	6.35	225	37	50	1.10	1.50	1620x 960x1450	1620x 960x1950	G 1¼	760	790
S 50-2	10	150	5.78	204	37	50	1.10	1.50	1620x 960x1450	1620x 960x1950	G 1¼	760	790
S 50-2	13	190	4.95	175	37	50	1.10	1.50	1620x 960x1450	1620x 960x1950	G 1¼	760	790
S 60-2	8	115	7.00	247	45	60	1.10	1.50	1620x 960x1450	1620x 960x1950	G 1¼	840	870
S 60-2	10	150	6.34	224	45	60	1.10	1.50	1620x 960x1450	1620x 960x1950	G 1¼	840	870
S 60-2	13	190	5.36	190	45	60	1.10	1.50	1620x 960x1450	1620x 960x1950	G 1¼	840	870
S 61-2	8	115	7.70	272	45	60	1.50	2.00	2000x1065x1450	2000x1065x1950	G 1½	1100	1150
S 61-2	10	150	6.92	244	45	60	1.50	2.00	2000x1065x1450	2000x1065x1950	G 1½	1100	1150
S 61-2	13	190	5.87	207	45	60	1.50	2.00	2000x1065x1450	2000x1065x1950	G 1½	1100	1150
S 75-2	8	115	9.33	329	55	75	2.20	3.00	2000x1065x1450	2000x1065x1950	G 1½	1180	1230
S 75-2	10	150	8.30	293	55	75	2.20	3.00	2000x1065x1450	2000x1065x1950	G 1½	1180	1230
S 75-2	13	190	7.11	251	55	75	2.20	3.00	2000x1065x1450	2000x1065x1950	G 1½	1180	1230
S 90-2	8	115	10.80	381	65	90	2.20	3.00	2000x1065x1450	2000x1065x1950	G 1½	1250	1300
S 90-2	10	150	9.65	341	65	90	2.20	3.00	2000x1065x1450	2000x1065x1950	G 1½	1250	1300
S 90-2	13	190	8.45	298	65	90	2.20	3.00	2000x1065x1450	2000x1065x1950	G 1½	1250	1300
S 100-2	8	115	12.10	428	75	100	2.20	3.00	2000x1065x1450	2000x1065x1950	G 1½	1140	1190
S 100-2	10	150	10.50	371	75	100	2.20	3.00	2000x1065x1450	2000x1065x1950	G 1½	1140	1190
S 100-2	13	190	9.20	325	75	100	2.20	3.00	2000x1065x1450	2000x1065x1950	G 1½	1140	1190
S 101	8	115	13.10	465	75	100	2.20	3.00	2365x1335x1750	2365x1335x2250	G 2½	1960	2020
S 101	10	150	11.40	405	75	100	2.20	3.00	2365x1335x1750	2365x1335x2250	G 2½	1960	2020
S 101	13	190	9.80	350	75	100	2.20	3.00	2365x1335x1750	2365x1335x2250	G 2½	1960	2020
S 125	8	115	15.70	555	90	125	4.00	5.50	2365x1335x1750	2365x1335x2250	G 2½	1980	2040
S 125	10	150	13.70	485	90	125	4.00	5.50	2365x1335x1750	2365x1335x2250	G 2½	1980	2040
S 125	13	190	12.00	425	90	125	4.00	5.50	2365x1335x1750	2365x1335x2250	G 2½	1980	2040
S 150	8	115	18.40	650	110	150	4.00	5.50	2365x1335x1750	2365x1335x2250	G 2½	2040	2100
S 150	10	150	16.30	575	110	150	4.00	5.50	2365x1335x1750	2365x1335x2250	G 2½	2040	2100
S 150	13	190	14.20	505	110	150	4.00	5.50	2365x1335x1750	2365x1335x2250	G 2½	2040	2100
S 151	8	115	19.40	685	110	150	4.00	5.50	2265x1585x2005	2565x1585x2505	DN 80	3100	3200
S 151	10	150	17.00	600	110	150	4.00	5.50	2265x1585x2005	2565x1585x2505	DN 80	3100	3200
S 151	13	190	14.40	508	110	150	4.00	5.50	2265x1585x2005	2565x1585x2505	DN 80	3100	3200
S 180	8	115	23.30	825	132	180	4.00	5.50	2265x1585x2005	2565x1585x2505	DN 80	3400	3500
S 180	10	150	20.80	735	132	180	4.00	5.50	2265x1585x2005	2565x1585x2505	DN 80	3400	3500
S 180	13	190	17.80	630	132	180	4.00	5.50	2265x1585x2005	2565x1585x2505	DN 80	3400	3500
S 220	8	115	27.90	990	160	220	4.00	5.50	2265x1585x2005	2565x1585x2505	DN 80	3400	3500
S 220	10	150	25.10	890	160	220	4.00	5.50	2265x1585x2005	2565x1585x2505	DN 80	3400	3500
S 220	13	190	21.70	770	160	220	4.00	5.50	2265x1585x2005	2565x1585x2505	DN 80	3400	3500
S 271	8	115	34.70	1225	200	270	5.50	7.50	3100x1910x2145	3500x1910x2645	DN 100	4500	4600
S 271	10	150	30.50	1077	200	270	5.50	7.50	3100x1910x2145	3500x1910x2645	DN 100	4500	4600
S 271	13	190	24.70	872	200	270	5.50	7.50	3100x1910x2145	3500x1910x2645	DN 100	4500	4600
S 341	8	115	40.80	1441	250	340	7.50	10.00	3100x1910x2145	3500x1910x2645	DN 100	5000	5100
S 341	10	150	37.10	1310	250	340	7.50	10.00	3100x1910x2145	3500x1910x2645	DN 100	5000	5100
S 341	13	190	31.70	1119	250	340	7.50	10.00	3100x1910x2145	3500x1910x2645	DN 100	5000	5100

* Free air delivery for the complete package in accordance with ISO 1217, Appendix C, at 20ºC ambient temperature and maximum pressure. Emitted sound level as per PN8NTC2.3 from 66 dB(A)

[1] Super-silenced at the intake end

[2] Super-silenced at the intake end and discharge end

Compressed air station **SD 40-2** to **SD 150**

Effective free air delivery: 3.83 – 18.4 m³/min, 135 – 650 cfm
Pressure range: 8 – 13 bar, 115 – 190 psig
Motor range: 30 – 110 kW, 40 – 150 HP

REFRIGERANT DRYERS
The frame mounted refrigerant dryer has a pressure dew point of +3°C (DIN ISO 7183) and simply drops into the top of the screw compressor cabinet enabling simple maintenance or removal if ever necessary.

CYCLONE SEPARATOR
A cyclone separator with electronic loss free condensate drain is positioned before the dryer to remove any condensate before it enters the dryer.

INTERNAL PIPEWORK
All oil carrying pipes are made of steel terminating with high quality precision threaded joints that are leak proof and safe even under the highest pressures. The entire machine utilises only one hose on the clean air side which also serves for vibration damping.

OPERATOR PANEL AND CONTROL
The dryer controls are clearly visible on the compressor control panel. The BOGE FOCUS control which offers numerous monitoring and control features, comes as standard.

This is how compact compressed air can be: Standard S series components along with a refrigerant dryer are assembled into one standalone package reducing footprint size and eliminating installation costs. Flexibility doesn't end there: a dryer bypass is provided in the scope of delivery that allows for direct connection of the compressor to the compressed air network.

BOGE Model	Max. pressure**		Effective free air delivery*		Motor power				Dimensions silenced W x D x H	Dimensions super-silenced W x D x H	Com-pressed air outlet	Weight silenced	Weight super-silenced
					Main drive motor		Fan motor						
	bar	psig	m³/min	cfm	kW	HP	kW	HP	mm	mm		kg	kg
SD 40-2	8	115	5.17	183	30	40	1.1	1.5	1620x 960x1665	1620x 960x1950	G 1¼	835	865
	10	150	4.63	163	30	40	1.1	1.5	1620x 960x1665	1620x 960x1950	G 1¼	835	865
	13	190	3.83	135	30	40	1.1	1.5	1620x 960x1665	1620x 960x1950	G 1¼	835	865
SD 50-2	8	115	6.35	224	37	50	1.1	1.5	1620x 960x1665	1620x 960x1950	G 1¼	870	900
	10	150	5.78	204	37	50	1.1	1.5	1620x 960x1665	1620x 960x1950	G 1¼	870	900
	13	190	4.95	175	37	50	1.1	1.5	1620x 960x1665	1620x 960x1950	G 1¼	870	900
SD 60-2	8	115	7.00	247	45	60	1.1	1.5	1620x 960x1665	1620x 960x1950	G 1¼	950	980
	10	150	6.34	224	45	60	1.1	1.5	1620x 960x1665	1620x 960x1950	G 1¼	950	980
	13	190	5.36	189	45	60	1.1	1.5	1620x 960x1665	1620x 960x1950	G 1¼	950	980
SD 61-2	8	115	7.70	272	45	60	1.5	2.0	2000x1065x1910	2000x1065x1950	G 1½	1250	1300
	10	150	6.92	244	45	60	1.5	2.0	2000x1065x1910	2000x1065x1950	G 1½	1250	1300
	13	190	5.87	207	45	60	1.5	2.0	2000x1065x1910	2000x1065x1950	G 1½	1250	1300
SD 75-2	8	115	9.33	329	55	75	2.2	3.0	2000x1065x1910	2000x1065x1950	G 1½	1350	1400
	10	150	8.30	293	55	75	2.2	3.0	2000x1065x1910	2000x1065x1950	G 1½	1350	1400
	13	190	7.11	251	55	75	2.2	3.0	2000x1065x1910	2000x1065x1950	G 1½	1350	1400
SD 90-2	8	115	10.80	381	65	90	2.2	3.0	2000x1065x1910	2000x1065x1950	G 1½	1425	1475
	10	150	9.65	341	65	90	2.2	3.0	2000x1065x1910	2000x1065x1950	G 1½	1425	1475
	13	190	9.20	325	65	90	2.2	3.0	2000x1065x1910	2000x1065x1950	G 1½	1425	1475
SD 100-2	8	115	12.10	428	75	100	2.2	3.0	2000x1065x1910	2000x1065x1950	G 1½	1335	1385
	10	150	10.50	371	75	100	2.2	3.0	2000x1065x1910	2000x1065x1950	G 1½	1335	1385
	13	190	9.20	325	75	100	2.2	3.0	2000x1065x1910	2000x1065x1950	G 1½	1335	1385
SD 101	8	115	13.10	463	75	100	2.2	3.0	2365x1335x2153	2365x1335x2250	G 2½	2135	2195
	10	150	11.40	403	75	100	2.2	3.0	2365x1335x2153	2365x1335x2250	G 2½	2135	2195
	13	190	9.80	346	75	100	2.2	3.0	2365x1335x2153	2365x1335x2250	G 2½	2135	2195
SD 125	8	115	15.70	554	90	125	4.0	5.5	2365x1335x2153	2365x1335x2250	G 2½	2155	2215
	10	150	13.70	484	90	125	4.0	5.5	2365x1335x2153	2365x1335x2250	G 2½	2155	2215
	13	190	12.00	424	90	125	4.0	5.5	2365x1335x2153	2365x1335x2250	G 2½	2155	2215
SD 150	8	115	18.40	650	110	150	4.0	5.5	2365x1335x2153	2365x1335x2250	G 2½	2220	2280
	10	150	16.30	576	110	150	4.0	5.5	2365x1335x2153	2365x1335x2250	G 2½	2220	2280
	13	190	14.20	501	110	150	4.0	5.5	2365x1335x2153	2365x1335x2250	G 2½	2220	2280

* Free air delivery for the complete package in accordance with ISO 1217, Appendix C, at 20ºC ambient temperature and maximum pressure. Emitted sound level as per PN8NTC2.3 from 69 dB(A)
** Max. pressure of the compressor

Screw compressor **SL 270** to **SL 481**

Effective free air delivery: 33 – 43.7 m³/min, 1166 – 1544 cfm
Pressure range: 8 – 13 bar, 115 – 190 psig
Motor range: 200 – 355 kW, 270 – 480 HP

EFFICIENCY
The specially designed BOGE airend provides high output volumes at low energy consumption – for reliable and energy efficient compressed air supply.

INTERNAL PIPEWORK
All oil carrying pipes are made of steel terminating with high quality precision threaded joints that are leak proof and safe even under the highest pressures. The entire machine utilises only one hose on the clean air side which also serves for vibration damping.

VALVE-LESS OIL CIRCUIT
The BOGE screw compressor is designed with a valve-less oil circuit eliminating the need for oil stop or check valves. This function provides maximum operating safety.

CONTROL
The BOGE FOCUS control is the standard compressor control and provides numerous control and monitoring features.

Larger volumes of compressed air: The SL series screw compressors are designed for reliability and efficiency when producing large volumes of compressed air.

BOGE Model	Max. pressure		Effective free air delivery*		Motor power				Dimensions silenced W x D x H mm	Dimensions super-silenced W x D x H mm	Com-pressed air outlet	Weight silenced kg	Weight super-silenced kg
					Main drive motor		Fan motor						
	bar	psig	m³/min	cfm	kW	HP	kW	HP					
SL 270	8	115	33.3	1177	200	270	5.5	7.5	3100x1910x2145	3100x1910x2645	DN 100	3900	4000
SL 340	10	150	33.2	1173	250	340	7.5	10.0	3100x1910x2145	3100x1910x2645	DN 100	4500	4600
SL 340	13	190	33.0	1166	250	340	7.5	10.0	3100x1910x2145	3100x1910x2645	DN 100	4500	4600
SL 341	8	115	43.7	1544	250	340	7.5	10.0	3100x1910x2145	3100x1910x2645	DN 100	5000	5100
SL 431	10	150	43.4	1533	315	430	7.5	10.0	3100x1910x2145	3100x1910x2645	DN 100	5000	5100
SL 481	13	190	42.7	1508	355	480	7.5	10.0	3100x1910x2145	3500x1910x2645	DN 100	5600	5700

* Free air delivery for the complete package in accordance with ISO 1217, Appendix C, at 20ºC ambient temperature and maximum pressure. Emitted sound level as per PN8NTC2.3 from 78 dB(A)

Screw compressor **SF 15** to **SF 29-2**
Compressed air station **SDF 15** to **SDF 29-2**
with frequency control

Effective free air delivery: 0.39 – 3.45 m³/min, 14 – 122 cfm
Pressure range: 8 – 13 bar, 115 – 190 psig
Motor range: 11 – 22 kW, 15 – 30 HP

SF 15 to SF 29-2

SDF 15 to SDF 29-2

FREQUENCY CONTROL
The frequency converter ensures a continuous volume flow between 25 and 100 percent automatically adapting to the momentary demand of the compressed air system. Soft starting also avoids undue wear and tear and prolongs the service life of the compressor.

INTERNAL PIPEWORK
All oil carrying pipes are made of steel terminating with high quality precision threaded joints that are leak proof and safe even under the highest pressures. The entire machine utilises only one hose on the clean air side which also serves for vibration damping.

ENERGY SAVING
Tighter/reduced system pressure virtually eliminates off load running, and in turn reduces start-up current peaks, and contributes to potential energy savings of up to 40%

CONTROL
The BOGE FOCUS control is the standard compressor control and provides numerous control and monitoring features.

Advantage through distinctly reduced energy consumption: The integrated frequency control of the SF series reduces idling times and eliminates pressure fluctuations. Using less compressed air means using less energy because the volume flow is continuously adapted to demand. Soft starting also avoids undue wear and tear and prolongs the service life of the compressor.

BOGE Model	Max. pressure		Effective free air delivery*		Motor power		Dimensions W x D x H	Weight
	bar	psig	m³/min	cfm	kW	HP	mm	kg
SF 15	8	115	0.49-1.65	17- 58	11.0	15	940 x 700 x 1180	255
	10	150	0.39-1.45	14- 51	11.0	15	940 x 700 x 1180	255
	13	190	0.39-1.25	14- 44	11.0	15	940 x 700 x 1180	255
SF 24-2	8	115	0.85-3.05	30-108	18.5	25	1200 x 850 x 1403	337
	10	150	0.63-2.66	22- 94	18.5	25	1200 x 850 x 1403	337
	13	190	0.44-2.26	16- 80	18.5	25	1200 x 850 x 1403	337
SF 29-2	8	115	1.02-3.45	36-122	22.0	30	1200 x 850 x 1403	387
	10	150	0.88-3.11	31-110	22.0	30	1200 x 850 x 1403	387
	13	190	0.71-2.57	25- 91	22.0	30	1200 x 850 x 1403	387

* Free air delivery for the complete package in accordance with ISO 1217, Appendix C, at 20ºC ambient temperature and maximum pressure. Emitted sound level as per PN8NTC2.3 from 70 dB(A)

BOGE Model	Max. pressure**		Effective free air delivery*		Motor power		Dimensions W x D x H	Weight
	bar	psig	m³/min	cfm	kW	HP	mm	kg
SDF 15	8	115	0.49-1.65	17- 58	11.0	15	975 x 700 x 1470	295
	10	150	0.39-1.45	14- 51	11.0	15	975 x 700 x 1470	295
	13	190	0.39-1.25	14- 44	11.0	15	975 x 700 x 1470	295
SDF 24-2	8	115	0.85-3.05	30-108	18.5	25	1227 x 850 x 1750	450
	10	150	0.63-2.66	22- 94	18.5	25	1227 x 850 x 1750	450
	13	190	0.44-2.26	16- 80	18.5	25	1227 x 850 x 1750	450
SDF 29-2	8	115	1.02-3.45	36-122	22.0	30	1227 x 850 x 1750	450
	10	150	0.88-3.11	31-110	22.0	30	1227 x 850 x 1750	450
	13	190	0.71-2.57	25- 91	22.0	30	1227 x 850 x 1750	450

* Free air delivery for the complete package in accordance with ISO 1217, Appendix C, at 20ºC ambient temperature and maximum pressure. Emitted sound level as per PN8NTC2.3 from 70 dB(A)
** Max. pressure of the compressor

Screw compressor **SF 60-2** to **SF 150**
Compressed air station **SDF 60-2** to **SDF 150**
with frequency control

Effective free air delivery: 1.34 – 18.4 m³/min, 47 – 650 cfm
Pressure range: 8 – 13 bar, 115 – 190 psig
Motor range: 45 – 110 kW, 60 – 150 HP

SF 60-2 to SF 150

SDF 60-2 to SDF 150

FREQUENCY CONTROL
The frequency converter ensures a continuous volume flow between 25 and 100 percent automatically adapting to the momentary demand of the compressed air system. Soft starting also avoids undue wear and tear and prolongs the service life of the compressor.

REFRIGERANT COMPRESSED AIR DRYERS
The frame mounted refrigerant dryer has a pressure dew point of +3°C (DIN ISO 7183) and simply drops into the top of the screw compressor cabinet enabling simple maintenance or removal if ever necessary.

ENERGY SAVING
Tighter/reduced system pressure virtually eliminates off load running, in turn reduces start-up current peaks, and contributes to potential energy savings of up to 40 %

CONTROL
The BOGE FOCUS control is the standard compressor control and provides numerous control and monitoring features.

For maximised efficiency and air delivery: This range of screw compressors is ideal for the efficient operation of larger volumes of air. The integrated frequency converter ensures a continuous volume flow between 25 and 100 percent by automatically adapting to the momentary demand of the compressed air system – an advantage with big pay back due to distinctly reduced energy costs.

BOGE Model	Max. pressure		Effective free air delivery*		Motor power Main drive motor		Motor power Fan motor		Dimensions silenced W x D x H mm	Dimensions super-silenced W x D x H mm	Com-pressed air outlet	Weight silenced kg	Weight super-silenced kg
	bar	psig	m^3/min	cfm	kW	HP	kW	HP					
SF 60-2	8	115	1.75- 7.00	62-247	45	60	1.1	1.5	1620x 960x1450	1620x 960x1950	G 1 1/4	885	915
	10	150	1.58- 6.34	56-224	45	60	1.1	1.5	1620x 960x1450	1620x 960x1950	G 1 1/4	885	915
	13	190	1.34- 5.36	47-189	45	60	1.1	1.5	1620x 960x1450	1620x 960x1950	G 1 1/4	885	915
SF 100-2	8	115	3.02-12.10	106-428	75	100	2.2	3.0	2000x1065x1450	2000x1065x1950	G 1 1/2	1350	1400
	10	150	2.62-10.50	93-371	75	100	2.2	3.0	2000x1065x1450	2000x1065x1950	G 1 1/2	1350	1400
	13	190	2.30- 9.20	81-325	75	100	2.2	3.0	2000x1065x1450	2000x1065x1950	G 1 1/2	1350	1400
SF 150	8	115	4.60-18.40	163-650	110	150	4.0	5.5	2365x1335x1750	2365x1335x2250	G 2 1/2	2200	2260
	10	150	4.08-16.30	144-575	110	150	4.0	5.5	2365x1335x1750	2365x1335x2250	G 2 1/2	2200	2260
	13	190	3.55-14.20	125-505	110	150	4.0	5.5	2365x1335x1750	2365x1335x2250	G 2 1/2	2200	2260

* Free air delivery for the complete package in accordance with ISO 1217, Appendix C, at 20ºC ambient temperature and maximum pressure. Emitted sound level as per PN8NTC2.3 from 71 dB(A)

BOGE Model	Max. pressure**		Effective free air delivery*		Motor power Main drive motor		Motor power Fan motor		Dimensions silenced W x D x H mm	Dimensions super-silenced W x D x H mm	Com-pressed air outlet	Weight silenced kg	Weight super-silenced kg
	bar	psig	m^3/min	cfm	kW	HP	kW	HP					
SDF 60-2	8	115	1.75- 7.00	62-247	45	60	1.1	1.5	1620x 960x1665	1620x 960x1950	G 1 1/4	1005	1035
	10	150	1.58- 6.34	56-224	45	60	1.1	1.5	1620x 960x1665	1620x 960x1950	G 1 1/4	1005	1035
	13	190	1.34- 5.36	47-189	45	60	1.1	1.5	1620x 960x1665	1620x 960x1950	G 1 1/4	1005	1035
SDF 100-2	8	115	3.02-12.10	106-428	75	100	2.2	3.0	2000x1065x1910	2000x1065x1950	G 1 1/2	2170	2230
	10	150	2.32-10.50	93-371	75	100	2.2	3.0	2000x1065x1910	2000x1065x1950	G 1 1/2	2170	2230
	13	190	2.00- 9.20	81-325	75	100	2.2	3.0	2000x1065x1910	2000x1065x1950	G 1 1/2	2170	2230
SDF 150	8	115	4.60-18.40	163-650	110	150	4.0	5.5	2365x1315x1755	2365x1315x2255	G 2 1/2	2400	2460
	10	150	4.08-16.30	144-575	110	150	4.0	5.5	2365x1315x1755	2365x1315x2255	G 2 1/2	2400	2460
	13	190	3.55-14.20	125-505	110	150	4.0	5.5	2365x1315x1755	2365x1315x2255	G 2 1/2	2400	2460

* Free air delivery for the complete package in accordance with ISO 1217, Appendix C, at 20ºC ambient temperature and maximum pressure. Emitted sound level as per PN8NTC2.3 from 71 dB(A)
** Max. pressure of the compressor

Screw compressor **SLF 30** to **SLF 271**
Compressed air station **SLDF 30** and **SLDF 40**
with frequency control

Effective free air delivery: 1.06 – 34.7 m³/min, 37 – 1225 cfm
Pressure range: 8 – 13 bar, 115 – 190 psig
Motor range: 22 – 200 kW, 30 – 270 HP

SLF 30 (optionally with radial fan)

SLDF 30 (optionally with radial fan)

FREQUENCY CONTROL
The frequency converter ensures a continuous volume flow between 25 and 100 percent automatically adapting to the momentary demand of the compressed air system. The soft starting also avoids undue wear and tear and prolongs the service life of the compressor.

MAXIMUM EFFICIENCY
The specially designed BOGE airend provides high output volumes at low energy consumption – for reliable and energy efficient compressed air supply. Tighter/ reduced system pressure virtually eliminates off load running, which in turn reduces start-up current peaks, and contributes to potential energy savings of up to 40 %

REFRIGERANT COMPRESSED AIR DRYERS
The frame mounted refrigerant dryer has a pressure dew point of +3°C (DIN ISO 7183) and simply drops into the top of the screw compressor cabinet enabling simple maintenance or removal if ever necessary.

CONTROL
The BOGE FOCUS control is the standard compressor control and provides numerous control and monitoring features.

Best specific working point: When frequency controlled the CLF series compressors automatically adjust to the air demand whilst controlling the pressure perfectly. In the event of a change of the pressure value, the output automatically adjusts. A 13 bar machine thus regulated to an 8 bar machine yields a correspondingly higher output – without any expensive remodelling or design related modifications.

BOGE Model	Max. pressure		Effective free air delivery*		Motor power		Dimensions silenced	Dimensions super-silenced/ with radial fan	Com-pressed air outlet	Weight silenced/ with radial fan	Weight super-silenced
	bar	psig	m³/min	cfm	kW	HP	W x D x H in mm	W x D x H in mm		kg	kg
SLF 30	8	115	1.06- 3.87	37- 137	22	30	1830 x 966 x 1444	1830 x 966 x 1944	G 1¼	700/730	730
	10	150	1.06- 3.30	37- 117	22	30	1830 x 966 x 1444	1830 x 966 x 1944	G 1¼	700/730	730
	13	190	1.06- 2.68	37- 95	22	30	1830 x 966 x 1444	1830 x 966 x 1944	G 1¼	700/730	730
SLF 40	8	115	1.06- 5.05	37- 178	30	40	1830 x 966 x 1444	1830 x 966 x 1944	G 1¼	770/805	810
	10	150	1.06- 4.53	37- 160	30	40	1830 x 966 x 1444	1830 x 966 x 1944	G 1¼	770/805	810
	13	190	1.06- 3.82	37- 135	30	40	1830 x 966 x 1444	1830 x 966 x 1944	G 1¼	770/805	810
SLF 51	8	115	1.51- 6.71	53- 237	37	50	2040 x 1090 x 1450	2040 x 1090 x 1950/2060	G 1¼	1020/1070	1070
	10	150	1.47- 6.04	52- 213	37	50	2040 x 1090 x 1450	2040 x 1090 x 1950/2060	G 1¼	1020/1070	1070
	13	190	1.37- 4.98	48- 176	37	50	2040 x 1090 x 1450	2040 x 1090 x 1950/2060	G 1¼	1020/1070	1070
SLF 61	8	115	1.55- 7.87	55- 278	45	60	2040 x 1090 x 1450	2040 x 1090 x 1950/2060	G 1½	1150/1200	1200
	10	150	1.51- 6.92	53- 244	45	60	2040 x 1090 x 1450	2040 x 1090 x 1950/2060	G 1½	1150/1200	1200
	13	190	1.42- 5.90	50- 208	45	60	2040 x 1090 x 1450	2040 x 1090 x 1950/2060	G 1½	1150/1200	1200
SLF 75	8	115	1.55- 9.33	55- 329	55	75	2040 x 1090 x 1450	2040 x 1090 x 1950/2060	G 1½	1270/1320	1320
	10	150	1.51- 8.40	53- 297	55	75	2040 x 1090 x 1450	2040 x 1090 x 1950/2060	G 1½	1270/1320	1320
	13	190	1.46- 7.26	52- 256	55	75	2040 x 1090 x 1450	2040 x 1090 x 1950/2060	G 1½	1270/1320	1320
SLF 101	8	115	4.22-13.64	149- 482	75	100	2415 x 1335 x 1750	2415 x 1335 x 2250	G 2½	2200/ –	2260
	10	150	4.16-12.33	147- 435	75	100	2415 x 1335 x 1750	2415 x 1335 x 2250	G 2½	2200/ –	2260
	13	190	4.00-10.58	141- 374	75	100	2415 x 1335 x 1750	2415 x 1335 x 2250	G 2½	2200/ –	2260
SLF 125	8	115	4.22-15.70	149- 554	90	125	2415 x 1335 x 1750	2415 x 1335 x 2250	G 2½	2250/ –	2310
	10	150	4.16-14.36	147- 507	90	125	2415 x 1335 x 1750	2415 x 1335 x 2250	G 2½	2250/ –	2310
	13	190	4.00-12.56	141- 443	90	125	2415 x 1335 x 1750	2415 x 1335 x 2250	G 2½	2250/ –	2310
SLF 221	8	115	6.46-28.21	228- 996	160	220	3145 x 1910 x 2145	3145 x 1910 x 2645	DN 100	4500/ –	4600
	10	150	6.18-25.06	218- 885	160	220	3145 x 1910 x 2145	3145 x 1910 x 2645	DN 100	4500/ –	4600
	13	190	5.46-20.36	193- 719	160	220	3145 x 1910 x 2145	3145 x 1910 x 2645	DN 100	4500/ –	4600
SLF 271	8	115	6.46-34.70	228-1225	200	270	3145 x 1910 x 2145	3145 x 1910 x 2645	DN 100	4700/ –	4800
	10	150	6.18-30.50	218-1077	200	270	3145 x 1910 x 2145	3145 x 1910 x 2645	DN 100	4700/ –	4800
	13	190	5.46-24.73	193- 873	200	270	3145 x 1910 x 2145	3145 x 1910 x 2645	DN 100	4700/ –	4800

BOGE Model	Max. pressure**		Effective free air delivery*		Motor power		Dimensions silenced	Dimensions super-silenced/ with radial fan	Com-pressed air outlet	Weight silenced/ with radial fan	Weight super-silenced
	bar	psig	m³/min	cfm	kW	HP	W x D x H in mm	W x D x H in mm		kg	kg
SLDF 30	8	115	1.06-3.87	37-137	22	30	1830 x 966 x 1664	1830 x 966 x 1944	G 1¼	785/ –	815
	10	150	1.06-3.30	37-117	22	30	1830 x 966 x 1664	1830 x 966 x 1944	G 1¼	785/ –	815
	13	190	1.06-2.68	37- 95	22	30	1830 x 966 x 1664	1830 x 966 x 1944	G 1¼	785/ –	815
SLDF 40	8	115	1.06-5.05	37-178	30	40	1830 x 966 x 1664	1830 x 966 x 1944	G 1¼	855/ –	895
	10	150	1.06-4.53	37-160	30	40	1830 x 966 x 1664	1830 x 966 x 1944	G 1¼	855/ –	895
	13	190	1.06-3.82	37-135	30	40	1830 x 966 x 1664	1830 x 966 x 1944	G 1¼	855/ –	895

* Free air delivery for the complete package in accordance with ISO 1217, Appendix C, at 20ºC ambient temperature and maximum pressure. Emitted sound level as per PN8NTC2.3 from 68 dB(A)
** Max. pressure of the compressor

READY FOR ACTION WORLDWIDE:

BOGE Service Support – Worldwide

BOGE COMPRESSED AIR SYSTEMS SERVICE

Service / Maintenance
Service support solutions including contracts covering repair and even warranty extension. Routine maintenance according to our flat rate service plan as well as inspection and breakdown cover.

Extended Warranty
Extension of your factory warranty up to 5 years with the BOGE cairplan: for total security and back-up (see overleaf for more details).

Comprehensive Service Cover
The comprehensive "cair" package includes a guaranteed reaction time within the warranty period.

Maintenance & Repair
Options include; long-term fixed cost maintenance plans, a flat rate for all types of service and spare parts with a possible warranty extension up to 10 years.

Commissioning
Connection and adjustment of all equipment at your facility: a fast and dependable service delivered by qualified BOGE service technicians. Full installation on request.

24 Hour Helpline
Emergency helpline for trouble shooting and technical support: available any time around the clock!

COMPRESSED AIR FLAT RATE

A comprehensive service plan created to satisfy your individual requirements:
e.g. taking responsibility for the compressed air station at your facility including complete plant management for a monthly flat rate irrespective of hours of operation (energy costs not included).

FLEXIBLE SERVICE

This BOGE service programme has been developed to adapt to each customer's unique requirements. It is our objective to create a tailor-made BOGE service package covering inspection, service, breakdown, with customised warranty arrangements as well as complete all-in service contracts.

Please contact us to help you determine the type of service best suited to meet your needs:
Just email us at service@boge.de – our service specialists will be in touch with you shortly!

Service your added value! Maximised reliability and economic efficiency are not the only technical advantages that BOGE has to offer. Our comprehensive service support program will ensure your BOGE compressed air system remains in tip top condition. Wherever you need us, whatever we can do for you: BOGE Service Support is always readily available close by – competent, to the highest standards, and always one step ahead.

BOGE CAIRPLAN

BOGE cair**plan** enables you to extend your factory warranty up to 5 years: 2 years factory warranty with 3 years additional cair**plan** warranty – the choice is yours. Furthermore, cairplan ensures manufacturer's recommended maintenance schedule of new and existing equipment at the specified service intervals.

For more information email cairplan@boge.com

BOGE ORIGINAL PARTS

Only original BOGE spare parts have the manufacturer's technological edge. You can be confident when opting for BOGE original spare parts in the service of your BOGE compressed air system will ensure that the integrity of the compressor is maintained, efficiency is retained and your peace of mind is sustained.

ALWAYS NEARBY

BOGE has a network of dedicated service technicians and certified partners at its disposal to help you worldwide with your installation, upgrading, commissioning or approval, maintenance, repair, or inspection:
You can rely on the know-how and experience of our qualified experts – at all times.

Hotline Mobile Service: +49 5206 601-130

EMERGENCY ASSISTANCE

In the case of an emergency where immediate technical support is required, the BOGE product support trouble shooters or the BOGE Helpline team are available to you 24/7.

Product Support Hotline:
+49 5206 601-140
BOGE Helpline: +49 170 4400444

AIR AUDITS

By analysing your existing compressed air system, our energy efficiency experts can identify where savings can be made. The BOGE AIReport includes measurement of: dew point control, vibration control, leakage, noise, oil check and TAN check.

TRAINING COURSES

The BOGE Compressed Air College was established in order to train and certify internal employees and external partners as qualified BOGE Service Technicians. Attendance of training courses held in the in-house training centre further assist in refreshing existing BOGE Service Technician's knowledge at regular intervals.

BOGE COMPRESSED AIR SYSTEMS

BOGE AIR. THE AIR TO WORK.

For four generations, customers from mechanical engineering, industry and trade have relied on BOGE know-how when it comes to planning, developing and manufacturing compressed air systems. They are fully aware of the fact that BOGE AIR is more than just ordinary compressed air: utmost safety, outstanding efficiency, excellent quality, maximised flexibility along with dependable service are the ingredients to transform BOGE AIR into air to work with – in Germany, in Europe and in more than 80 countries around the world.

Our ranges of services include the following:

- Energy efficient systems development
- Plant design and engineering
- System control and visualisation
- Oil-free piston, screw and turbo compressors
- Oil injected screw compressors and oil lubricated piston compressors
- Compressed air treatment
- Compressed air distribution and storage
- Compressed air accessories
- Compressed air service

GLC CERTIFIED ISO 9001

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