

BOGE AIR. THE AIR TO WORK.



BOGE Paintline



The all-in-one compressed air solution for high-quality surface technology - efficient, low-maintenance and dependable.

HOW IT WORKS:

BOGE Paintline is based on an oil-injection cooled screw compressor in combination with special filter technology. This enables purity class 1 to be reached for solid impurities and residual oil content, and class 4 for water content. The various components of BOGE Paintline work together so effectively that the only system configuration that is needed is to set the free air delivery required. The filter technology used in the system is

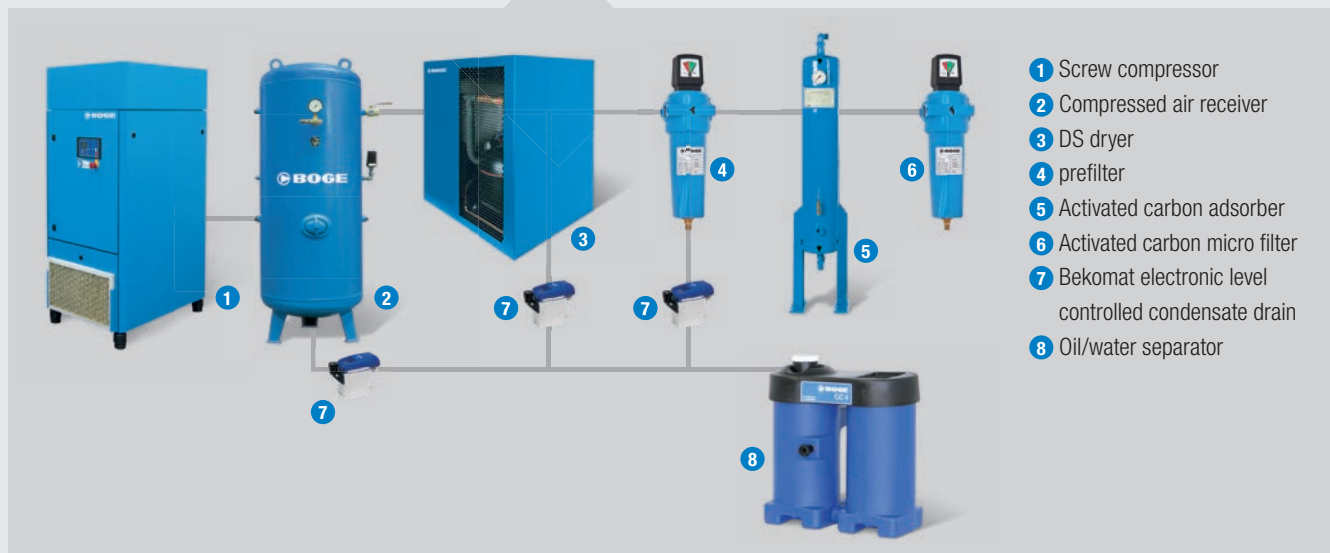
matched to the maintenance intervals for the compressor, and has a lifetime of at least 3,000 operating hours. A treatment system for the oily condensate produced is also already incorporated. The proven BOGE DUOTHERM heat recovery system and a frequency controller are optional equipment that can also be integrated.

„ALL-IN-ONE“
SOLUTION



BOGE Paintline is made up of perfectly coordinated system components in proven BOGE quality. Galvanized receiver shown is non standard and offered as extra cost option.

PREVIOUS INSTALLATION:



It all fits together perfectly: BOGE Paintline allows you to generate extremely pure, oil-free compressed air that is precisely tailored to the needs of industry and the trades, particularly in the field of surface technology. As a system provider, BOGE creates an optimally tailored all-in-one system comprising compressed air generation, compressed air treatment, and condensate disposal in proven BOGE premium quality as a complete plug-and-play solution. Since everything comes from just one source, you can be sure that your compressed air generation will be absolutely low-maintenance and efficient, thanks to the perfect interplay of all the components!



C SERIES ROUNDS OFF BOGE PAINTLINE.

Compressors in the C series include an integrated oil separator, which effectively pre-separates the oil using the force of gravity. The integrated compressor air end is distinguished by its high free air delivery and its low power requirement. The motor rating extends up to 22 kW, and an effective free air delivery of up to 3.62 m³/min can be obtained. All maintenance-relevant parts are easy to reach and maintain.



Paintline

ALL-IN-ONE SOLUTION

BOGE supplies the complete tailor-made and ready-to-use system, containing all the components necessary for generating and filtering compressed air. This saves you the time and expense of fitting pipework and cabling – all you have to do is set the free air delivery you require.



BOGE Quality

PROVEN PREMIUM QUALITY

The BOGE Paintline system is based on proven BOGE premium quality you can depend on. High quality and attention to detail are of prime importance in producing and assembling all the components. Every element installed is low-wear and maintenance-friendly.



Efficiency

MAXIMUM EFFICIENCY

Take advantage of the compatibility of our system components: achieve even greater efficiency with BOGE Paintline by additionally integrating the BOGE DUOTHERM heat recovery system and a frequency controller.



Oil-Free

LABS* FREE FILTER TECHNOLOGY

The BOGE Paintline filters are pre-assembled as a single cartridge and offer many other advantages: The special LABS* free filters have a long service life. The oversized design means pressure losses are reduced to a minimum. In-line with the compressor maintenance schedule, they are designed for a service life of at least 3,000 hours of operation.

* LABS = paint wetting disruptive substances (e.g. silicones and oils)

**BOGE Compressed Air Systems
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BOGE Model	Max. pressure**		Effective free air delivery*		Motorpower		Receiver volume Litres
	bar	psig	m ³ /min	cfm	kW	PS	
C 7 LDR	10	150	0.728	25	5.5	7.5	270–500

* Free air delivery figures in accordance with ISO 1217, Appendix C, at 20 °C ambient temperature and maximum pressure. Emitted sound pressure levels from 61 dB(A) according to DIN EN ISO 2151:2009.

** Max. pressure of the compressor, the 7.5 bar indications are to be provided as reference values. The machines are shipped standard in 8 bar.

BOGE Model	Max. pressure**		Effective free air delivery*		Motorpower		Receiver volume Litres
	bar	psig	m ³ /min	cfm	kW	PS	
C 9 LFDR	7.5	110	0.25–1.31	9–43	7.5	10.0	270–500
C 9 LFDR	8.0	115	0.26–1.27	9–42	7.5	10.0	270–500
C 9 LFDR	10.0	150	0.25–1.12	9–40	7.5	10.0	270–500

* Free air delivery figures in accordance with ISO 1217, Appendix C, at 20 °C ambient temperature and maximum pressure. Emitted sound pressure levels from 72 dB(A) according to DIN EN ISO 2151:2009.

** Max. pressure of the compressor, the 7.5 bar indications are to be provided as reference values. The machines are shipped standard in 8 bar. Ask for further receiver dimensions.

BOGE Model	Max. pressure**		Effective free air delivery*		Motorpower		Receiver volume Litres
	bar	psig	m ³ /min	cfm	kW	PS	
C 10 LDR	7.5	110	1.130	39	7.5	10.0	350–750
C 10 LDR	8.0	115	1.100	38	7.5	10.0	350–750
C 10 LDR	10.0	150	1.060	37	7.5	10.0	350–750
C 15 LDR	7.5	110	1.820	64	11.0	15.0	350–750
C 15 LDR	8.0	115	1.770	62	11.0	15.0	350–750
C 15 LDR	10.0	150	1.700	60	11.0	15.0	350–750

* Free air delivery figures in accordance with ISO 1217, Appendix C, at 20 °C ambient temperature and maximum pressure. Emitted sound pressure levels from 59.5 dB(A) according to DIN EN ISO 2151:2009.

** Max. pressure of the compressor, the 7.5 bar indications are to be provided as reference values. The machines are shipped standard in 8 bar.

BOGE Model***	Max. pressure**		Effective free air delivery*		Motorpower		Receiver volume (Stand-Alone) Litres
	bar	psig	m ³ /min	cfm	kW	PS	
C 15 FD	7.5	110	0.40–1.79	14–63	11.0	15.0	750–2000
C 15 FD	8.0	115	0.39–1.74	14–61	11.0	15.0	750–2000
C 15 FD	10.0	150	0.36–1.53	13–54	11.0	15.0	750–2000
C 15 FD	13.0	190	0.27–1.33	10–47	11.0	15.0	750–2000
C 20 FD	7.5	110	0.50–2.63	24–93	15.0	20.0	750–2000
C 20 FD	8.0	115	0.49–2.55	23–90	15.0	20.0	750–2000
C 20 FD	10.0	150	0.45–2.25	20–79	15.0	20.0	750–2000
C 20 FD	13.0	190	0.54–1.89	17–66	15.0	20.0	750–2000
C 25 FD	7.5	110	0.69–3.20	28–112	18.5	25.0	750–2000
C 25 FD	8.0	115	0.65–3.10	27–109	18.5	25.0	750–2000
C 25 FD	10.0	150	0.61–2.71	24–95	18.5	25.0	750–2000
C 25 FD	13.0	190	0.45–2.32	20–81	18.5	25.0	750–2000
C 30 FD	7.5	110	0.82–3.73	33–131	22.0	30.0	750–2000
C 30 FD	8.0	115	0.80–3.62	32–127	22.0	30.0	750–2000
C 30 FD	10.0	150	0.69–3.21	28–113	22.0	30.0	750–2000
C 30 FD	13.0	190	0.55–2.71	24–95	22.0	30.0	750–2000

* Free air delivery figures in accordance with ISO 1217, Appendix C, at 20 °C ambient temperature and maximum pressure. Emitted sound pressure levels from 63 dB(A) according to DIN EN ISO 2151:2009.

** Max. pressure of the compressor, the 7.5 bar indications are to be provided as reference values. The machines are shipped standard in 8 bar.

*** Available from Q4/2014