



Want a ⁵ year warranty?
Ask for details!

Compact Air Solutions C Series 2.2–7.5 kW Screw Compressors



100
years

Air. CompressedAir. BogeAir.



Now you can!

CM compact module 2.2–7.5 kW

Effective free air delivery: 340–1100 l/min, 12 – 39 cfm

Pressure range: 5–13 bar, 75–190 psig

Drive rating: 2.2–7.5 kW, 3–10 HP

It's got everything

The modular design of the compressor integrates all service components.

Oil separator cartridge

- just one service cover to remove and all components are accessible

Oil filter cartridge

New generation of multi-function intake controller with integrated 2-3 way solenoid control valve

- No leaks
- Safe operation

Silenced intake air filter with paper filter cartridge

- Extracts 99.9% of particles larger than 3 µm

Minimum pressure/non-return valve

- No piping
- No leaks

BOGE's own design airend profile for maximum efficiency

- Large delivery volume
- Unique high efficiency design
- Ultra-reliable

Temperature sensor

Special iron casting with inherent silencing features

- Already silenced at source.

CNC-machined housing

- Minimises leakage

Thermostatic oil by-pass valve

- Easily accessible from the outside

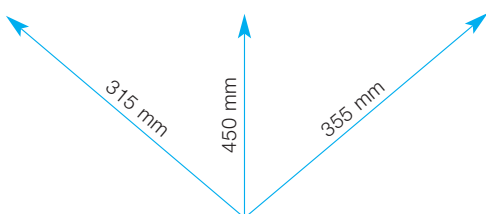
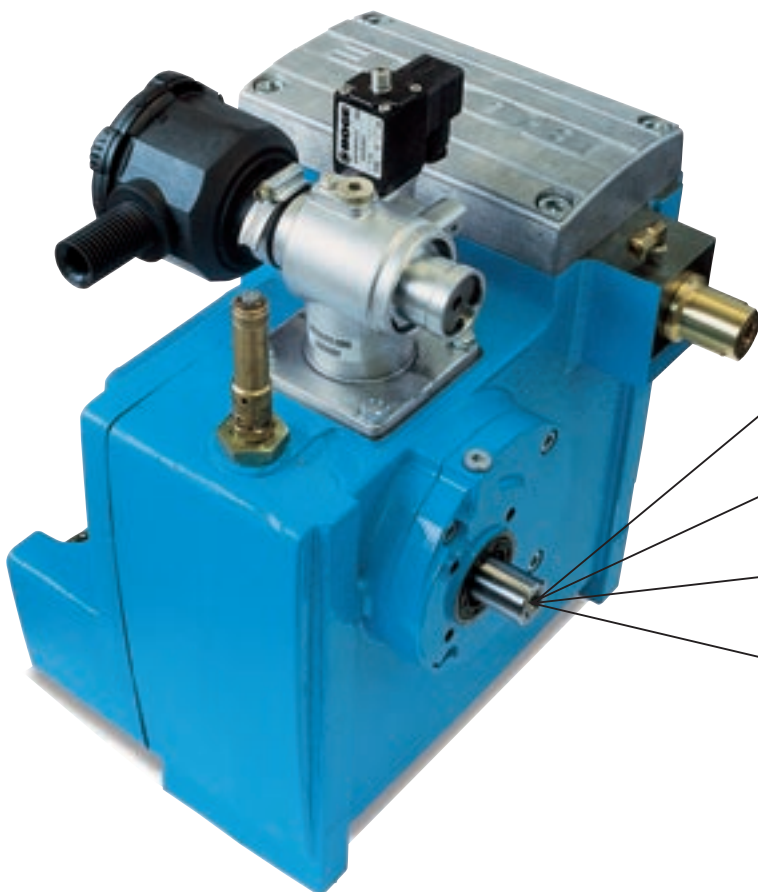
All major components are integrated eliminating interconnecting pipework and joints. Oil leakage is practically ruled out! Routine service parts are easily accessible **from the outside.**

Choice of drive unit Direct drive or belt drive



Shhhhh! Silence

- Minimum noise.
Low-vibration.
- High performance damping is achieved through the special lamellar graphite casting. Extra silencing is unnecessary.



Electric drive (50 or 60 Hz)

Hydraulic drive

Combustion engine

Cardan shaft

Choice of application

- Stationary in machinery or mobile in vehicles.
- Its compact design makes it ideal for confined spaces.

If you're quiet, you can hear it

CL series 2.2–5.5 kW

Effective free air delivery: 0.234–0.728 m³/min, 8–25 cfm
Pressure range: 10 and 13 bar, 150 and 190 psig

CL series

Direct coupled, without v-belt or gearbox, reduces transmission losses to a minimum.

The compact design lends itself to the following configurations:

- ▶ A foot mounted compressed air station
- ▶ A receiver mounted compressed air station
- ▶ A compressed air centre comprising of, a compressor and refrigerant dryer, mounted on a horizontal receiver.



CL series receiver mounted compressed air station



BASIC-control

- ▶ 5 parameters in main display
- ▶ symbol / segment display (LC display)
- ▶ pressure transducer control
- ▶ in-situ software update possible
- ▶ code programmable
- ▶ automatic antifreeze operation
- ▶ error and maintenance messages
- ▶ auto-restart
- ▶ potential-free contact retrofittable



CL series foot mounted compressed air station



CLD compressed air centre



Small and compact



Low vibration and quiet

NOW

CL series compressor unit

BOGE Type	Max. pressure		Free air delivery* 50 Hz		Free air delivery* 60 Hz		Motor power		Dimensions in mm W x D x H	Weight kg
	bar	psig	m ³ /min	cfm	m ³ /min	cfm	kW	HP		
CL 3	10	150	0.240	9	–	–	2.2	3	755 x 485 x 495	105
CL 4	10	150	0.340	12	0.310	11	3	4	755 x 485 x 495	110
CL 4	13	190	0.234	8	–	–	3	4	755 x 485 x 495	110
CL 5	10	150	0.545	19	0.400	14	4	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	–	–	0.680	24	5.5	7.5	755 x 485 x 495	130

CL series compressor system

BOGE Type	Max. pressure		Receiver capacity litres	Free air delivery* 50 Hz		Free air delivery* 60 Hz		Motor power		Receiver option litres	Dimensions in mm W x D x H	Weight kg
	bar	psig		m ³ /min	cfm	m ³ /min	cfm	kW	HP			
CL 3	10	150	90	0.240	9	–	–	2.2	3	270	1130 x 490 x 920	155
CL 4	10	150	90	0.340	12	0.310	11	3	4	270	1130 x 490 x 920	160
CL 4	13	190	90	0.234	8	–	–	3	4	270	1130 x 490 x 920	165
CL 5	10	150	90	0.545	19	0.400	14	4	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	–	–	0.680	24	5.5	7.5	270	1130 x 490 x 920	180

CLD series compressed air centre

BOGE Type	Max. pressure		Receiver capacity litres	Free air delivery* 50 Hz		Free air delivery* 60 Hz		Motor power		Dimensions in mm W x D x H	Weight kg
	bar	psig		m ³ /min	cfm	m ³ /min	cfm	kW	HP		
CLD 3	10	150	270	0.240	9	–	–	2.2	3	1715 x 545 x 1185	225
CLD 4	10	150	270	0.340	12	0.310	11	3	4	1715 x 545 x 1185	230
CLD 4	13	190	270	0.234	8	–	–	3	4	1715 x 545 x 1185	250
CLD 5	10	150	270	0.545	19	0.400	14	4	5.5	1715 x 545 x 1185	245
CLD 7	10	150	270	0.728	25	–	–	5.5	7.5	1715 x 545 x 1185	250
CLD 7	13	190	270	0.525	19	–	–	5.5	7.5	1715 x 545 x 1185	270
CLD 7.5	10	150	270	–	–	0.680	24	5.5	7.5	1715 x 545 x 1185	250

* Free air delivery for the complete package in accordance with ISO 1217, Appendix C, at 20°C ambient temperature and maximum pressure. Sound pressure level according to PN8NTC2.3 from **59 dB(A)**

Small but tall...

C series 3–7.5 kW

Effective free air delivery: 0.280–1.200 m³/min, 10–42 cfm
 Pressure range: 8–13 bar, 70–190 psig



C 4 to C 7

C 9 and CD 4 to CD 9

NOW

C/CD series

Belt-driven screw compressors with patented BOGE GM drive system for optimal belt tension in each phase of operation.

Available as a super-silenced compact unit and also as an air station with an integrated refrigeration dryer requiring no additional floor space. The intelligent design allows all routine servicing to be carried out from the front.

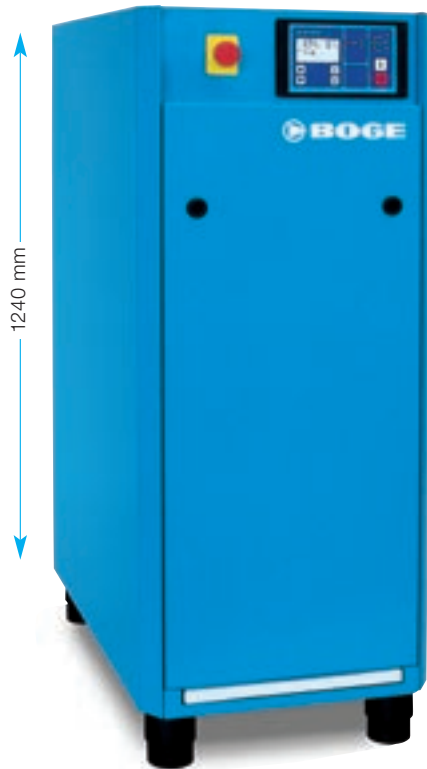
The cooling air is directed from the cooler base towards the top, this ensures intensive cooling of components, a long service life and ideal compressed air quality.

Compressor control BASIC (RATIO as option) with graphical LC display and pressure transducer

BOGE Type	Max. pressure		Free air delivery		Motor power		Dimensions in mm W x D x H	Weight kg
	bar	psig	m ³ /min	cfm	kW	HP		
C 4	8	115	0.427	15	3	4	480 x 920 x 960	190
C 4	10	150	0.340	12	3	4	480 x 920 x 960	190
C 4	13	190	0.280	10	3	4	480 x 920 x 960	190
C 5	8	115	0.630	22	4	5.5	480 x 920 x 960	195
C 5	10	150	0.545	19	4	5.5	480 x 920 x 960	195
C 5	13	190	0.440	15	4	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	480 x 1000 x 1240	215
C 9	10	150	1.100	39	7.5	10	480 x 1000 x 1240	215
C 9	13	190	0.900	32	7.5	10	480 x 1000 x 1240	215
CD 4	8	115	0.427	15	3	4	480 x 1000 x 1240	210
CD 4	10	150	0.340	12	3	4	480 x 1000 x 1240	210
CD 4	13	190	0.280	10	3	4	480 x 1000 x 1240	210
CD 5	8	115	0.630	22	4	5.5	480 x 1000 x 1240	215
CD 5	10	150	0.545	19	4	5.5	480 x 1000 x 1240	215
CD 5	13	190	0.440	15	4	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	480 x 1000 x 1240	235
CD 9	10	150	1.100	39	7.5	10	480 x 1000 x 1240	235
CD 9	13	190	0.900	32	7.5	10	480 x 1000 x 1240	235

Sound pressure level according to PN8NTC2.3 from **57 dB(A)**

...with dryer and/or frequency control



CF 9 and CDF 9

CF/CDF series

The 7.5 kW model is available with integrated frequency converter for optimised energy performance (C series machines only).

The addition of an integrated refrigerant dryer to produce dry compressed air provides a further space saving option (CDF models).



RATIO-control

additionally to the BASIC:

- ▶ remote ON/OFF facility
- ▶ programmable local/remote control
- ▶ compressed air processing control
- ▶ system pressure sensor
- ▶ ring memory (last 30 messages)
- ▶ potential free contacts for failure/maintenance messages and operating stats

NOW

BOGE Type	Max. pressure		Free air delivery		Motor power		Dimensions in mm W x D x H	Weight kg
	bar	psig	m ³ /min	cfm	kW	HP		
CF 9	8	115	0.40-1.20	14-42	7.5	10	480 x 1000 x 1240	225
CF 9	10	150	0.37-1.10	13-39	7.5	10	480 x 1000 x 1240	225
CF 9	13	190	0.30-0.90	11-32	7.5	10	480 x 1000 x 1240	225
CDF 9	8	115	0.40-1.20	14-42	7.5	10	480 x 1000 x 1240	250
CDF 9	10	150	0.37-1.10	13-39	7.5	10	480 x 1000 x 1240	250
CDF 9	13	190	0.30-0.90	11-32	7.5	10	480 x 1000 x 1240	250

Sound pressure level according to PN8NTC2.3 from **57 dB(A)**



cairpac

There's no substitute for BOGE original parts!

So we made a favourable solution....

The BOGE **cairpac** is a service kit that provides all the necessary parts to carry out the right maintenance procedure at the right time at – 500, 3000/6000 or 9000 hours.

Equally important, **cairpac**'s are up to 15% cheaper to buy than the individual components!



BOGE KOMPRESSOREN Bielefeld plant.
State-of-the-art production facilities guarantee the highest manufacturing quality.



Quality: Made in Germany

We at BOGE

We at BOGE plan, develop, manufacture, distribute and service compressed air supply systems for customers in the field of plant construction, industry and workshops.

Our ranges of services include the following:

- ☑ Planning and engineering of compressed air systems
- ☑ Oil-free piston, screw and turbo compressors
- ☑ Oil-lubricated piston and screw compressors
- ☑ Compressed air purification
- ☑ Compressed air distribution and storage
- ☑ Compressed air accessories
- ☑ Compressed air service
- ☑ System control and display.

In Germany we are one of the market leaders in our sector. Worldwide we are represented by our own branch offices, subsidiaries and distribution and service partners.



P.O. Box 100713 · 33507 Bielefeld
Otto-Boge-Straße 1-7 · 33739 Bielefeld
Fon (+49) (52 06) 601-0
Fax (+49) (52 06) 601-200
info@boge.com · www.boge.com