

Maintenance friendly, reliable and tough:

BOGE ecoline screw compressor S 5 eco DR with refrigerant compressed air dryer on compressed air receiver

- MINIMAL INTERNAL PRESSURE LOSSES
- FULLY DECOUPLED FROM VIBRATIONS
- LOW COMPRESSED AIR OUTLET TEMPERATURE
- AUTOMATIC FUNCTIONING
- READY FOR OPERATION

BOGE ecoline screw compressors are known for their remarkably reasonable quality/price ratio. With these sturdy models, a modern microprocessor control unit – the base control – is also included in the scope of delivery. It provides the ideal conditions for connecting at any time to a higher-level system. A highly effective aftercooler keeps the compressed air temperature constantly low and thanks to removable doors and easy access to all of the components, maintenance becomes the easiest thing in the world.



Most important characteristics:



SOPHISTICATED DESIGN

Optimum cooling air circulation through a sound insulation hood with built-in switch cabinet and supply air filter mat for cooling air intake. Machine unit fully isolated from vibrations. Lowest possible pressure losses thanks to airend connected directly to the oil-air combination container.



SUPERIOR CONTROL THANKS TO BOGE BASE CONTROL

Switching to the most economical operating state and ensuring intrinsically safe running of the compressor is the job of the base control with its intelligent control and monitoring concept which comes as standard. Individual fault message displays, permanent temperature and pressure displays and compressor frost protection ex works are just some of the features.



MADE IN GERMANY MAKES THE DIFFERENCE

ecoline range airends are developed by BOGE and are manufactured entirely in Germany. Thanks to temperature-compensated manufacturing techniques with minimal tolerances, they offer higher free air delivery rates and improved specific performance when compared to other compressors.

TECHNICAL DATA

Effective free air delivery of complete unit measured according to ISO 1217 Part C at maximum compressor overpressure	0,70 m³/min 10,0 bar
Rated capacity of main drive motor	5,50 kW
Protection type / insulation class of the motor	IP 55 / F
Operating/control voltage	3 Ph / 230 V / 50 Hz
Cooling air flow volume (if connected to ducting)	2900,00 m³/h
Suction or ambient temperature (min to max)	+2...+43 °C
Residual oil content in compressed air	< 3 mg/m³
Permissible maximum receiver pressure	11,0 bar

DIMENSIONS AND WEIGHT

silenced version (acc. to dimensional drawing):	M1200.1295
Sound pressure level (acc. to DIN EN ISO 2151)	70 dB(A)
Receiver volume	250 l
Width	1882 mm
Depth	650 mm
Height	1425 mm
Compressed air connection (ball valve)	G ½
Weight	316,0 kg

Subject to technical modifications.

The identified performance values refer to components with standard features.

A sound basis: intuitive operation for perfect control: base control

Even the BOGE **base** control basic control unit offers – in addition to the basic functions of a compressor control unit – automatic frost protection and the BOGE leak monitor as standard. The main LC display shows operating variables and statuses – fully supported by clear, understandable symbols. All settings can be updated by entering the corresponding code. The power failure and auto-restart function after an outage can also be set. Optionally, isolated notifications (ready, mode, fault, idle) can also be made.



Most important characteristics:



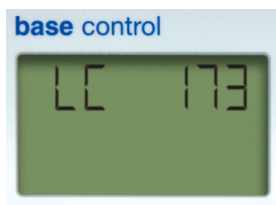
TRANSPARENT CONTROL

The control unit allows simple, reliable and clear management of all operating parameters on two levels. The main display shows the parameters network pressure, temperature, operating mode (Load run / idle) and the connection for the external control contact – output release.



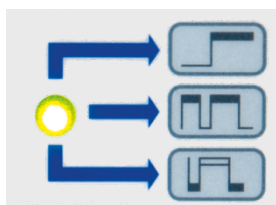
LEAK MONITOR INCLUDED

The control unit come with a BOGE leak monitor as standard. During compressor idle periods, the BOGE leak monitor automatically measures the leakage in the compressed air network. As a result, drops in pressure can be detected and localised, and compressed air production can be optimised easily.



INTEGRATION AND SOFTWARE UPDATES

With the help of a ModBus Interface module, the control unit can be integrated into a higher-level control concept. The integrated test mode for the outputs permits simple troubleshooting. Software updates can be carried out via an adapter onsite, and the monitoring of operating hours is also possible via isolated warning and error messages.



NEEDS-BASED CONTROL AND MONITORING

The **base** control adapts to the specific needs of each local user and automatically selects the most efficient operating mode ensuring optimised motor switching. Network pressure and follow-up time brackets (the short time operation) are adjustable via the keypad.

BOGE AIR. THE AIR TO WORK.



Subject to technical modifications.
Optional accessories may be shown which are not part of this offer.