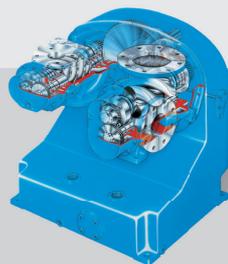


A clean efficiency boost: **S0 61-2 W** to **S0 126-2 W** oil-free compressors



Oil-free compressed air
of the highest standard
coupled with maximum
efficiency and service life!



EFFICIENT DRIVE

All machines in the series come with premium efficiency-class BOGE IE-3 motors. From the moment of initial start-up, these motors save you energy and ensure sustained cost-optimised compressed-air production in the long term.

EFFICIENT COMPRESSION

The two-stage air end – a low-pressure and a high-pressure stage – means these compressors have very low specific power consumption. The compound coating on the rotors makes for wear-resistant corrosion protection for rotors and housing.

EFFICIENT COOLING

A radial fan is used for cowl ventilation. It provides powerful suction, allowing for longer air ducts to be connected. Compared to conventional axial fans, the radial fan saves energy and is also smooth-running and quiet.

EFFICIENT OPERATION

All machines in the series are available in a variable-speed version, where the compressor capacity is continually adjusted to actual demands – for the most energy-efficient operation possible. Dynamic speed control achieves infinitely variable part-load control.

Clean and efficient with maximum reliability: The water-cooled screw compressors in this series use ultra-modern technology to produce oil-free compressed air for sensitive applications – including the pharmaceutical, food and semi-conductor industry. Their intelligent design and the innovative cooling principle deliver clear advantages in day-to-day operation: lower energy costs, lower maintenance costs and greater reliability!

BOGE KOMPRESSOREN

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INTELLIGENT SET-UP FOR EFFICIENT OPERATION. THE DESIGN ADVANTAGES.



Electrical and drive section Compressor section Cooling section

INNOVATIVE COOLING PRINCIPLE

The positioning of the components along the cooling air flow is optimised to maximise service life, minimise loss of pressure and ensure high compressed air availability. The smaller diameter of the stainless steel heat exchanger and the welded-on demister ensure low heat transfer. The intercooler with internal demister facilitates safe intermediate separation with lower volume flow rates – for more effective compression and better specific power consumption!

EASY-TO-ACCESS CONNECTIONS

centrally positioned

COMBINED SOUND AND PULSATION DAMPER IN ONE

for significant sound level reduction

MAINTENANCE-FRIENDLY DESIGN

All components are easy to access. The doors can be unhinged, so the machine takes up less space because only narrow side clearance must be left. The high-quality materials and fewer wearing parts make for minimal maintenance costs.

HIGHER COMPRESSED AIR OUTLET POSITION

This allows for easy connection of additional components, such as an external aftercooler, cyclone separator, filter and dryer, to be connected up without risers.

PRIME CONTROLLER

with many functions, clear display and the option of connecting additional components.

BOGE model	Max. pressure		Effective air delivery				Rated power				Dimensions W x D x H mm
			50 Hz		60 Hz		Main drive		Fan motor		
	bar	psig	m ³ /min	cfm	m ³ /min	cfm	kW	PS	kW	PS	
SO 61-2 W	8	115	7.05	249	7.02	248	45	60	0.5	0.75	2730 x 1310 x 2000
	10	150	5.57	197	5.40	191	45	60	0.5	0.75	
SO 76-2 W	8	115	9.13	323	8.68	307	55	75	0.5	0.75	2730 x 1310 x 2000
	10	150	7.84	277	7.92	280	55	75	0.5	0.75	
SO 101-2 W	8	115	12.30	435	12.23	432	75	100	0.5	0.75	2730 x 1310 x 2000
	10	150	10.67	377	10.09	357	75	100	0.5	0.75	
SO 126-2 W	8	115	13.27	469	13.18	466	90	125	0.5	0.75	2730 x 1310 x 2000
	10	150	13.14	464	12.31	435	90	125	0.5	0.75	