

SENATOR

INDUSTRIAL AIR COMPRESSORS

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Euro

ZS SERIES 30-50hp

The ZS Series from Senator comprises a range of rotary screw air compressor sets that are powerful, well equipped, base-mounted units supplied ready for hard work.

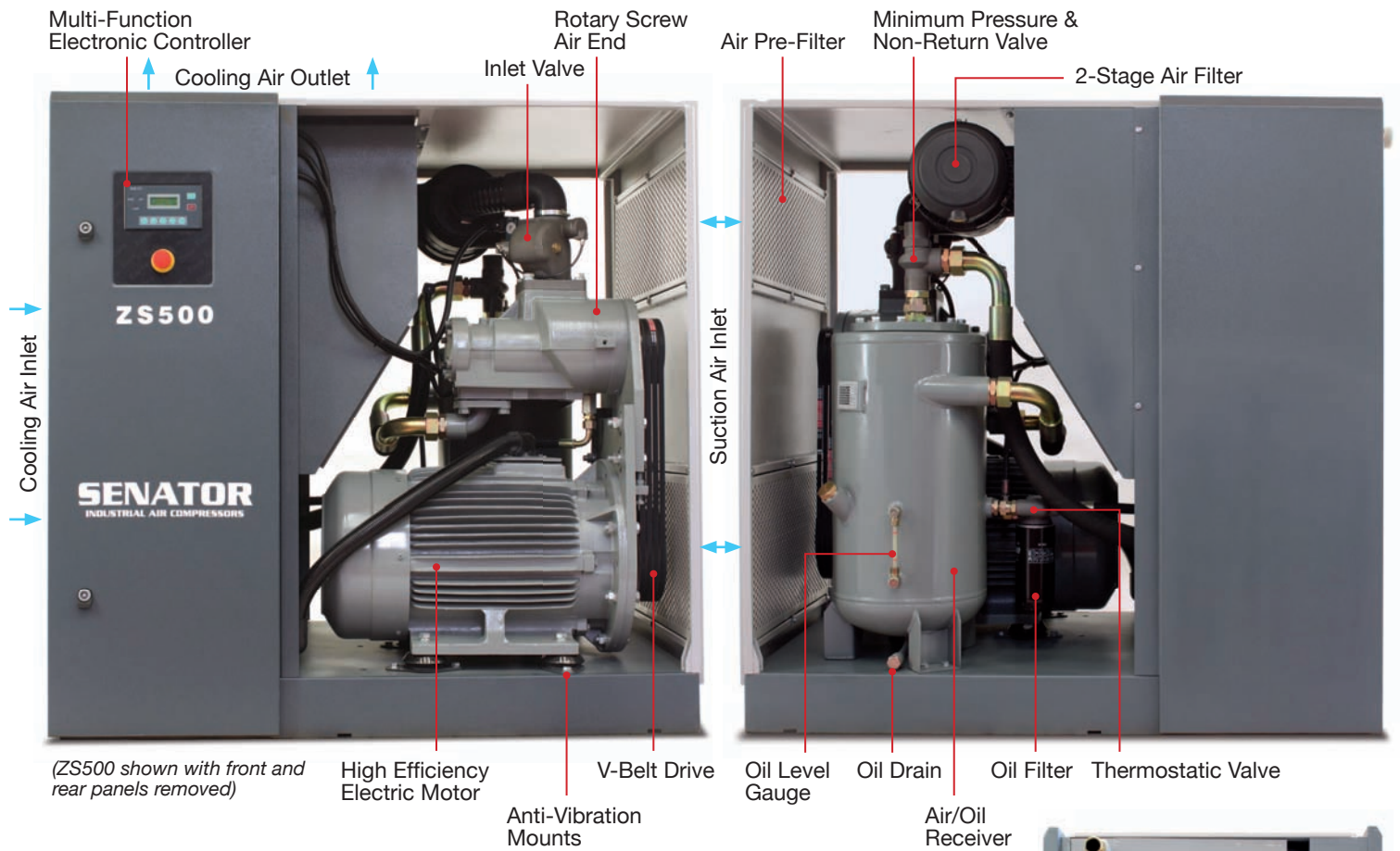
Each model has been developed using innovative European design concepts to achieve a compact layout, but with upgraded heavy-duty components to satisfy the demands of Australian operating conditions.

Ideally suited for medium-to-large industrial applications with continuous compressed air demand, the Senator ZS Series sets a new affordability benchmark without sacrificing performance, quality or reliability.



Features and Benefits

- Vertically stacked air-end and electric motor layout yields a compact compressor solution with minimum installation cost and space requirements.
- Noise attenuated cabinet with anti-vibration mounting of rotating components enables the unit to be installed adjacent to the working environment.
- German technology rotary screw air-end with advanced rotor profile and slow rotor speed ensures 24/7 reliability, high airflow output, low energy consumption and long service life.
- Cabinet panels are hinged or removable for ease of maintenance access. Spin-on oil filter element and remote oil drain point minimize service downtime.
- Triple-stage intake air filtration prolongs the life of the air-end, air/oil separator element and oil filter. Large air filtration capacity reduces pressure drop and extends element life.
- Fan-forced oil cooler and after-cooler permit continuous running in ambient temperatures of up to 45°C without shortening oil life or increasing oil vapour carry-over.
- Oversized air/oil receiver tank designed for optimal air/oil separation and increased lubricating oil capacity.
- Multi-function electronic controller with LED display serves as a user-friendly interface for the compressor's operation, system monitoring and maintenance scheduling.
- Electrical fault, motor overload and high temperature shutdown systems constantly monitor and protect against major component damage.
- High efficiency, MEPS compliant electric motor also directly reduces energy consumption and carbon footprint.
- Compliant with Australian safety standards and regulations for industrial workplace use.



(ZS500 shown with front and rear panels removed)

High Efficiency Electric Motor

V-Belt Drive

Anti-Vibration Mounts

Oil Level Gauge

Oil Drain

Oil Filter

Thermostatic Valve

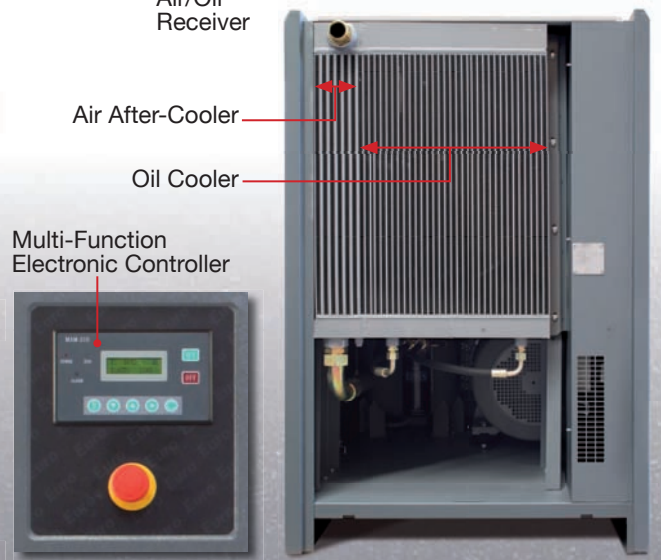
Air/Oil Receiver

Customer and Product Support

- Standard 12-month factory backed warranty.
- Australia-wide dealer network offering sales, installation, service and genuine spare parts backup.

Accessories

A full range of matching vertical air receivers, refrigerated dryers, in-line filters and other compressed air system components is available for the Senator ZS Series compressors. Please consult your local Senator dealer for application specific advice.



(ZS500 shown with end panel removed)

Specifications

Model	Working Pressure		Free Air Delivery		Rotary Screw Air End		Motor Power ^{*^}		Noise Level @ 1 m	Air Outlet Size	Dimensions (cm)			Weight
	bar	psi	m ³ /min	cfm	Make	Model	kW	hp			W	D	H	
ZS300	8	116	3.1	110	GHH-Rand / CIEM	OS70	22	30	78	1"	112	80	120	550
ZS400	8	116	4.2	148	GHH-Rand / CIEM	CF75	30	40	77	1"	142	92	139	780
ZS500	8	116	5.8	205	GHH-Rand / CIEM	CF90	37	50	77	1 1/2"	142	92	139	855

* All models: Star-delta motor starter

[^] Electricity supply: 415 V, 3-Ph, 50 Hz

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