

# Aerzen Diesel Delta Screw VML210 Series



The VML210 Series are truck or trailer mounted continuous flow mobile air compressor units producing 1500icfm at up to 40psig air pressure.

Basic components include an air-cooled rotary screw compressor, diesel engine, and the ACE air regulating system. Standard features include single mode operation, automatic throttle rollback and an easy access canopy.

## DESIGN FEATURES

- "Oil-free dry-screw" rotary compressor. Precision clearances of compressor rotors eliminate the need for Teflon or other coatings, which can fail due to differential expansion between rotors and casing.
- Integral oil cooler and fan as part of the compressor eliminates unnecessary plumbing.
- Double seals and ventilated intermediate chambers prevent oil contamination of rotors and conveying air.
- Easy to operate with engine/compressor instrumentation on control panel.
- Flexible coupling: a flexible coupling connects the engine and the compressor.
- Integrated housing bolts directly to engine flywheel housing eliminating alignment problems.
- Automatic throttle rollback system to decrease engine RPM when full output is not required, reducing noise and fuel consumption.
- Single mode operation. Air supply pressure can be independently adjusted.
- Safety systems, designed to protect the unit from damage due to high discharge pressure, temperature or a loss of oil pressure.
- Wide double doors allow unhampered access to all components for ease of routine maintenance.
- Outlet air temperature of approx 410DF (210°C) (based on standard day conditions) assures condensate free operation. Maximum discharge temperature 480DF (250°C).
- One flexible hose outlet with quick disconnect provided.
- Hose storage bin included.
- Noise 105 dBa at 3m, 98 dBa at 3m with hush kit.
- Properly rated chassis cab or fifth wheel steering trailer -highly maneuverable in plant type environment. Note: Not rated for street use.
- 24 VDC system
- Fuel filter/ water separator
- Fault annunciation.

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## OPTIONAL EQUIPMENT

- Fuel filter/water separator with heater, 24 VDC.
- Engine block heater, 120 VAC or 240 VAC.
- Low fuel warning system.
- Glow plug starter lockout kit.
- Low fuel warning and shutdown system.
- Flashing beacon.
- Rotating beacon.
- Hush/ Silencing kits.

## DESIGN SPECIFICATIONS

Model No.	600-100-DUS	600-100-DUP
<b>Engine</b>	Deutz	Deutz
Model	Inline six	Inline six
Horsepower	258	258
Compressor	Aerzen	Aerzen
Model	VML210	VML210
Air Flow <b>ICFM</b>	1500	1500
Mounting	Skid*	Trailer
Length Inches (cm)	154	164 (417)
Width Inches (cm)	(372) 60	60 (152)
Height Inches (cm)	(152) 64	82 (208)
Weight Lbs (kg)	(163)	5,765
	5,365 (2,433)***	(2,615)**

\* Provided as skid unit for truck mounting. Contact Aerzen for assistance with chassis selection and dimensions.

\*\* Without fuel.

\*\*\* Without trailer package and without fuel.

Detailed dimensions are available upon request.



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