

Atlas Copco



# E-Air V1100 VSD

Electric mobile air compressors  
with VSD technology



# If you have the power to choose, choose electric




Every now and then, an innovation comes along that changes the industry. Atlas Copco's range of E-Air VSD compressor range is a game-changer when it comes to performance, energy-efficiency and versatility. The E-Air's VSD motor is clean, compact, energy-efficient and quiet, while the compressors are easy to install and operate. No emissions, unrivaled efficiency and low noise levels, the E-Air V1100 VSD is your reliable partner.

## Best in class cost of ownership

The E-Air V1100 VSD is not only a sustainable solution for the environment. Total cost of ownership is impacted by performance, ease of use, service, efficiency, resale value... The E-Air V1100 VSD ticks all the boxes.

<b>LOW NOISE AND EMISSION ZONE COMPLIANT</b> 	<b>VARIABLE SPEED DRIVE</b> 	<b>UP TO 50% OPERATIONAL COST SAVINGS, COMPARED TO DIESEL MODELS</b> 	<b>SERVICE ONCE EVERY 2 000 HOURS/ YEARS</b> 
<b>UP TO 50% SMALLER THAN CONVENTIONAL COMPRESSORS</b> 	<b>PACE SYSTEM CONTROL THE PRESSURE AND FLOW</b> 	<b>UP TO 50% LIGHTER THAN CONVENTIONAL COMPRESSORS</b> 	<b>Xc4 SMART AIR CONTROLLER</b> 

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- Heavy-duty air filter with safety cartridge
  - External single lifting point
  - C3 certified, corrosion-resistant canopy
  - Xc4004 controller
  - VSD fan motor for best-in-class efficiency and superior cooling performance
  - Simple vessel cover
  - Water-cooled IP 65 permanent magnet motor
  - After-cooler, water separator, bypass valve as standard
  - Water-cooled IP67 inverter
  - Easy installation, without phase sequence requirements, nor start-up peak current
  - Multidrop frame, with skid, forklift slots and spillage-free design

# E-Air VSD: Pressure range adjustable with PACE functionality

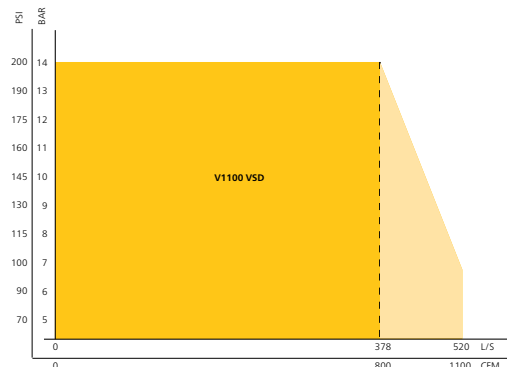


Every **E-Air VSD** comes with PACE technology (Pressure Adjusted through Cognitive Electronics), an electronic pressure regulation system.

- Select required pressure from a wide pressure range
- Easy to set with up to 2 psi increments in just 3 clicks
- Increased flow at low pressure levels (with decreased fuel consumption)

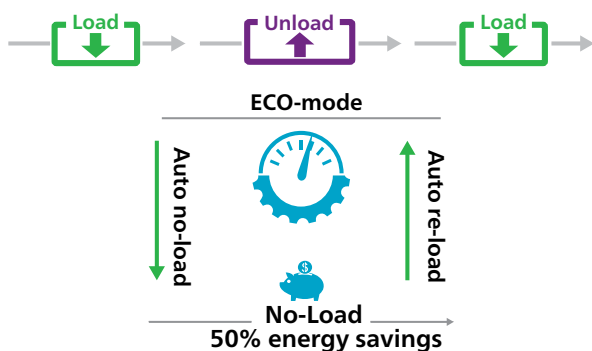
One compressor can cover the needs of various applications. From 70 psi to run a handheld tool, to 145 psi for sandblasting to up to 200 psi for cable blowing, all with one machine.

## Operating range E-Air V1100 VSD



## Choose a compressor that only runs when you need air.

Thanks to ECO-mode, the compressor switches automatically from unload to no load when the air demand drops. Depending on the application, this results in energy savings up to 50%.



## Technical data

		V1100 VSD
<b>Working pressure range</b>	Psi (g)	72 -200
Socket connection	A	Terminal board
Free Air Delivery	cfm	1286 - 795
Sound pressure level (LpA) at 7m (23ft)	dB(A)	70
Max ambient temperature (with after-cooler)	°F	113
<b>Motor</b>		
Installed motor power	kW	208
Voltage	V	380-460 +/-10%
Rated frequency	Hz	50 / 60
Dimensions skidversion (LxWxH)	in	136 x 48 x 70
Weight	lb	6062

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### Minimize downtime



Quicker response time to optimize maintenance planning.

# Power Technique Solutions Portfolio

Atlas Copco's Power Technique Business Area has a forward-thinking philosophy. For us, creating customer value is all about anticipating and exceeding your future needs – while never compromising our environmental principles. Looking ahead and staying ahead is the only way we can ensure we are your long term partner.

## Air compressors

### Ready to go



- 1-5 m<sup>3</sup>/min
- 7-12 bar

### Versatility



- 5.5-22 m<sup>3</sup>/min
  - 7-20 bar
- \*Diesel and electric options available

### Productivity partner



- 19-116 m<sup>3</sup>/min
- 10-345 bar

## Handheld tools

### Pneumatic tools



- Breakers (2,5 – 40 kg)
- Rockdrills (5 – 25 kg)
- Underground Rock Drills
- Additional Air Tools

### Hydraulic tools



- Breakers (11 – 40 kg)
- Additional Hydraulic Tools
- Powerpacks

### Petrol engine driven tools



- Breakers & Tie Tampers (25 kg)
- Rockdrills (23 Kg)

### Generators



- Portable
- Mobile
- Industrial

\*Multiple configurations available to produce power for any size application

### Light towers



- Diesel LED and MH
- Electric LED
- Battery LED

### Dewatering pumps



- Submersible
- Surface
- Small portable

\*Diesel and electric options available

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