



Atlas Copco



# E-Air V1100 VSD

Electric mobile air compressors  
with VSD technology

# If you have the power to choose, choose electric

## E-Air

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.

LOW NOISE AND EMISSION ZONE COMPLIANT

VARIABLE SPEED DRIVE

UP TO 50% OPERATIONAL COST SAVINGS, COMPARED TO DIESEL MODELS

SERVICE ONCE EVERY 2 000 HOURS/ YEARS

UP TO 50% SMALLER THAN CONVENTIONAL COMPRESSORS

PACE SYSTEM CONTROL THE PRESSURE AND FLOW

UP TO 50% LIGHTER THAN CONVENTIONAL COMPRESSORS

Xc4004 SMART AIR CONTROLLER

- Heavy-duty air filter with safety cartridge
- Xc4004 controller
- Water-cooled IP 65 permanent magnet motor
- Water-cooled IP67 inverter



- External single lifting point
- C3 certified, corrosion-resistant canopy
- VSD fan motor for best-in-class efficiency and superior cooling performance
- Simple vessel cover
- After-cooler, water separator, bypass valve as standard
- 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

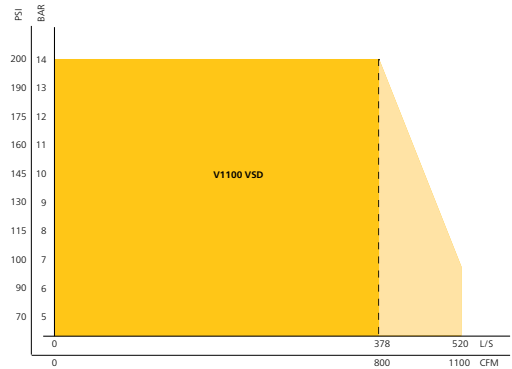
## E-Air

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 0.1 bar increments in just 3 clicks
- Increased flow at low pressure levels (with decreased fuel consumption)

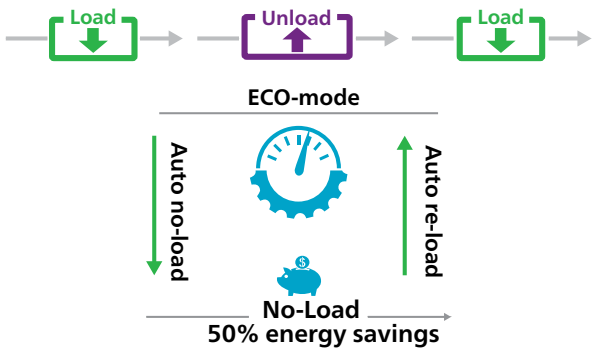
One compressor can cover the needs of various applications. From 5 bar to run a handheld tool, to 10 bar for sandblasting to up to 14 bar for cable blowing, all with one machine.

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          |
|---------------------------------------------|---------|--------------------|
| Working pressure range                      | Bar (g) | 5-14               |
|                                             | Psi (g) | 72 -200            |
| Socket connection                           | A       | Terminal board     |
| Free Air Delivery                           | m³/min  | 36.4 - 22.5        |
|                                             | l/s     | 607 - 375          |
|                                             | cfm     | 1286 - 795         |
| Sound pressure level (LpA) at 7m (23ft)     | dB(A)   | 70                 |
| Max ambient temperature (with after-cooler) | °C      | 45                 |
| Motor                                       |         |                    |
| Installed motor power                       | kW      | 208                |
| Voltage                                     | V       | 380-460 +/-10%     |
| Rated frequency                             | Hz      | 50 / 60            |
| Dimensions skidversion (LxWxH)              | mm      | 3470 x 1220 x 1800 |
| Weight                                      | kg      | 2750               |

With FleetLink, you'll have the latest fleet information concerning your fleet performance at hand, wherever, whenever.





#### Optimize fleet usage

Maximize the effectiveness and productivity of your fleet and uncover potential for optimization and savings.



#### 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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