

# COMPANY PROFILE

*Atlas Copco*

موزع معتمد



**Cate**  
Compressed Air Technology Egypt  
المصرية لتكنولوجيا الهواء المضغوط

Advanced Air Solutions for a better tomorrow.  
Quality, Reliability, and Efficiency.

# 25+

# سنة خبرة

## 17 YEARS

as an authorized distributor  
of Atlas Copco

# 01

## ABOUT CATE

**Compressed Air Technology Egypt (CATE)** was founded in 2011 with a bold vision: to revolutionize Egypt’s industrial sector by delivering world-class air compressor solutions. As the exclusive authorized distributor of Atlas Copco Egypt a global leader renowned for cutting-edge innovation and unmatched reliability, we take pride in empowering businesses across Egypt.

Cate is a leading provider of comprehensive solutions in the field of air management systems. With a strong focus on innovation and customer satisfaction, we have established ourselves as a trusted partner for a wide range of air-related equipment and technologies.



### Strategic Presence. Advanced Solutions. Sustainable Growth.

Headquartered in Cairo, CATE is strategically positioned to serve industrial clients efficiently across Egypt.



#### Industrial Hub Coverage

- 6th of October
- 10th of Ramadan
- Sadat City



#### We provide state-of-the-art

- Air Compressors
- Vacuum Pumps
- Nitrogen Generators
- Oxygen Generators



#### Our solutions are designed to:

- Maximize Efficiency
- Reduce Downtime
- Drive Sustainable Growth

# 02

## VISION

Our vision at cate is to be the leading provider of air compressors services in the industry. We strive to be recognized for our expertise, innovative solutions, and unwavering commitment to customer satisfaction.

By fostering a culture of continuous improvement and embracing cutting-edge technology, we aim to set new standards for excellence and sustainability in the air solutions market.



# 03

## MISSION

**At CATE, our mission is to redefine excellence in air compressor solutions by delivering unmatched service, cutting-edge innovation, and sustainable performance.**

# Mission in Action



## Operational Efficiency

Optimizing compressed air systems to improve productivity, reduce downtime, and support smoother daily operations.



## Eco-Conscious Productivity

Delivering energy-efficient solutions that help clients reduce waste, improve performance, and support sustainable industrial growth.



## 24/7 Expert Support

Providing responsive technical assistance, emergency support, and professional maintenance whenever operations need it.



## Industry-Leading Knowledge

Combining advanced technology, engineering expertise, and deep market experience to deliver reliable solutions.



## Long-Term Partnerships

Building strategic relationships beyond transactions, focused on trust, continuous improvement, and client success.



## Peak Equipment Performance

Ensuring every system operates at its highest efficiency through quality service, maintenance, and technical precision.



# 03 WHY INDUSTRIES CHOOSE CATE

## Quality:

- **Expert Project Management & On-Time Delivery**  
Precision-planned execution ensuring deadlines are met without compromise.
- **Deep Local Market Expertise**  
Decades of insight into Egypt's industrial landscape for tailored solutions.
- **Uncompromising Quality Standards**  
Certified processes and rigorous testing for flawless performance.
- **SLA-Driven Responsiveness**  
Guaranteed rapid resolution with strict adherence to service-level agreements.
- **Peak Operational Efficiency**  
Cutting-edge systems maximizing productivity while minimizing waste.
- **100% EHS Compliance**  
Zero-tolerance safety protocols protecting people, assets, and the environment



## Reliability:

- Ability to provide Large Number of Resources.
- High compliance with labor and governmental regulations.
- Qualified & certified resources. Complete portfolio of machinery & test equipment.

## Innovation at Our Core:

- Continuous Exploration
- Service Enhancement
- Energy Efficiency
- Industry Leadership
- Efficiency and Sustainability

## Experience You Can Trust:

- Years of Industry Experience.
- Skilled Technicians.
- Operational Efficiency.
- Tailored Solutions.
- Client-Centric Focus.



# 04 OUR TEAM AND EXPERTISE

## Engineering Expertise Behind Every Solution

At CATE, our strength lies in our team of experienced engineers, technicians, and project managers who work closely with clients to understand their operational needs and deliver tailored air management solutions.



From system design and equipment selection to installation, maintenance, and technical support, our team focuses on improving efficiency, optimizing energy consumption, and ensuring reliable system performance across every project.

Our commitment to quality, safety, and environmental responsibility allows us to deliver solutions that are not only technically reliable, but also aligned with long-term operational and sustainability goals.



**We Thank Our Team**

for being the foundation of CATE's reliability, quality, and success.





# 05 COMMITMENT TO INNOVATION & SUSTAINABILITY

At CATE, we are committed to staying at the forefront of technological advancement in the air management industry. We continuously adopt innovative solutions and advanced technologies that help our clients improve performance, reduce energy waste, and operate more efficiently.

Our approach focuses on delivering sustainable compressed air, vacuum, and gas generation systems that support productivity while reducing environmental impact and total operating cost.

By combining engineering expertise with future-ready technology, CATE helps industries move toward smarter, cleaner, and more efficient operations.

# 06 OUR SOLUTIONS & SERVICES

## 1. Compressed Air Solutions

Reliable compressed air systems designed to deliver stable performance, clean air quality, and efficient operation for different industrial applications.

- Air Compressors
- Rotary Screw Air Compressors
- Air Dryers & Air Treatment



### Air Compressors and dryers

At Compressed Air Technology Egypt. (cate), we are proud to offer a wide range of high-performance air compressor solutions to meet the diverse needs of our clients across various industries. As a leading provider of air management systems, we are dedicated to delivering innovative and energy-efficient air compressors that ensure reliable, cost-effective, and sustainable operations.

### Rotary Screw Air Compressors

Rotary Screw Atlas Copco Air Compressors are highly efficient and reliable machines designed for continuous operation in various industrial applications. Known for their durability and energy efficiency, these compressors use rotary screw technology to deliver clean, consistent compressed air, making them ideal for manufacturing, automotive, food and beverage, pharmaceuticals, and other demanding sectors.

Atlas Copco's models feature advanced controls, variable speed drives (VSD) for energy savings, and low maintenance requirements, ensuring optimal performance in both small workshops and large-scale industrial facilities. Their robust design minimizes downtime while providing high airflow with minimal pulsation, supporting critical processes that depend on stable, high-quality compressed. Suitable for a wide range of industrial applications



Maximize efficiency,  
reduce downtime

## Air Dryers

We provide a comprehensive range of high-performance air dryers, including refrigerant, desiccant, and membrane-based systems, to ensure clean, dry air for industrial and commercial applications. Our solutions effectively remove moisture and contaminants, maintaining optimal air quality and preventing downstream issues.

## Portable Air Compressors

Compact and mobile design for on-site or temporary use. Ideal for construction, maintenance, and emergency application.

## 2. Vacuum & Gas Generation Solutions

Advanced vacuum and on-site gas generation solutions that help industries improve productivity, reduce dependency on external supply, and maintain continuous operations.

- Vacuum Pumps
- Nitrogen Generators
- Oxygen Generators



## Vacuums Pump

Compressed Air Technology Egypt, provides high-performance vacuum pump solutions. With expertise in selection, installation, and servicing, CATE delivers reliable, energy-efficient, and cost-effective vacuum management systems for sustainable operations.

## Gas Generator:

We provide high-performance gas generator solutions, including innovative and energy-efficient models, to meet diverse industrial needs with reliable, cost-effective, and sustainable operations.

As a leading provider, we deliver tailored gas management systems for optimal performance across various applications

## Nitrogen Generators

Nitrogen generators also use PSA technology to extract nitrogen from compressed air. The generated nitrogen can be used for a wide range of applications, including food packaging, electronics manufacturing, chemical processing, and more.

Nitrogen generators provide a continuous supply of high-purity nitrogen, with purity levels typically ranging from 95% to 99.999%. Produce on-site nitrogen from compressed air Ideal for applications requiring high-purity nitrogen.



## Oxygen Generators

Oxygen generators use Pressure Swing Adsorption (PSA) technology to produce on-site oxygen from compressed air. These generators provide a continuous supply of high-purity oxygen, typically with a purity of 93% or higher.

The oxygen generators are suitable for applications in the healthcare, industrial, and energy sectors, where a reliable and cost-effective source of oxygen is required.



### 3. Spare Parts & Maintenance Services

Professional after-sales support to keep equipment operating at peak performance, reduce downtime, and extend system lifetime.

- **Genuine Spare Parts**
- **Preventive & Scheduled Maintenance**
- **Compressor Overhaul Services**



### 4. Business Support Solutions

Flexible solutions that support urgent needs, temporary operations, capacity expansion, and equipment upgrade plans.

- **Rental Solutions**
- **Trade-in Solutions**



## 5. Services & After-Sales Support

### End-to-End Support Beyond Equipment Supply

1. Detailed system design and engineering
2. Expert installation and commissioning
3. Regular maintenance and preventive care
4. Genuine spare parts supply
5. Energy audits and optimization strategies
6. Emergency repair services
7. Ongoing technical support and training
8. Rental and trade-in solutions



### Your Reliable Partner for Industrial Gas Solutions

By partnering with CATE, you can be confident that your gas generation system will be installed and maintained to the highest standards, ensuring maximum efficiency, reliability, and cost-effectiveness.

Whether you operate in the manufacturing, healthcare, research, or any other industry that requires a reliable and efficient supply of industrial gases, CATE has the expertise and resources to deliver tailored gas generator solutions that meet your specific needs.

**Contact us today to learn more about how we can help you optimize your gas generation operations and achieve your operational and sustainability goals.**



## FEATURED TECHNOLOGY

# E-Air VSD Range

Electric Mobile Air Compressors  
with VSD Technology



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# 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, low noise levels and a plug-and-play design; you can take the E-Air anywhere.

Take the E-Air anywhere, plug it in, set the pressure and start to work.



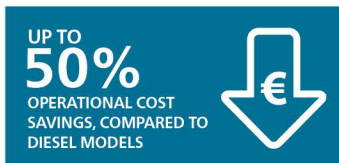
## Best in class cost of ownership

The E-Air VSD range 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 VSD range ticks all the boxes

<p>UP TO <b>50%</b> SMALLER THAN CONVENTIONAL COMPRESSORS</p>	<p><b>PACE SYSTEM</b> CONTROL THE PRESSURE AND FLOW</p>	<p>UP TO <b>50%</b> LIGHTER THAN CONVENTIONAL COMPRESSORS</p>	<p>UP TO <b>50%</b> OPERATIONAL COST SAVINGS, COMPARED TO DIESEL MODELS</p>	<p>SERVICE ONCE EVERY <b>2 000 HOURS/</b> YEARS</p>
<p><b>LEGENDARY HARDHAT® CANOPY</b></p>	<p><b>VARIABLE SPEED DRIVE</b></p>	<p><b>LOW NOISE AND EMISSION ZONE COMPLIANT</b></p>	<p><b>PLUG &amp; PLAY</b></p>	

# Control your total cost of ownership with E-Air VSD technology

The E-Air's VSD in-house designed permanent magnet motor and air element offer unmatched performance, at an incredibly small footprint.



## E-Air

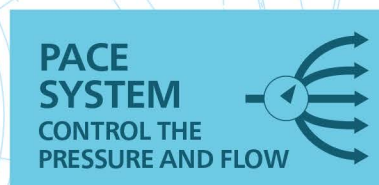


## Minimize operating costs with 50% savings

- 50% more **efficient** compared to a fixed speed electric compressor in partial or unload conditions, the state compressors run in 90% of their life.
- Cheaper to operate compared to a diesel compressor.
- No diesel engine results in preventative maintenance only every 2000 hours/2 years.

## The King of versatility

Every E-Air VSD is multiple compressors in one; thanks to integrated PACE technology. On the XC2003 controller, you can easily select the pressure your application requires from a wide pressure range.



## Operate and connect the E-Air everywhere

- The perfect fit for low emission zones.
- Silent operation: noise level as low as 61 Db(A).
- VSD eliminates start-up peak current.
- Lower need for ventilation when working in closed off environments: tunnels, underground or indoor locations.
- Integrated start-up protection: you set the max amps the machine is allowed to take from the grid and the E-Air compressor always complies. (no phase sequence issues, the VSD can handle any combination)
- Small footprint and low weight: easy to manoeuvre



## Discover 3 plug-and-play E-Air VSD models

The E-Air VSD range consists of 3 compressors; covering a wide range of applications that require a flow from 3.7-13.2 m<sup>3</sup>/min (131-466 cfm) and pressure between 5 and 13 bar.

### Have you ever seen a 7 m<sup>3</sup> compressor below 750kg?

The E-Air H250 VSD is best in class with regards to flow to weight ratio. You simply tow in reliable performance to any job site, without special driving license.

Thanks to the vertical drive train, all E-Air VSD compressors are not only best in class with regards to performance. Also footprint and weight are impacted tremendously. Powerful output, in a small and easy to manoeuvre package.

UP TO  
**50%**  
SMALLER  
THAN CONVENTIONAL COMPRESSORS



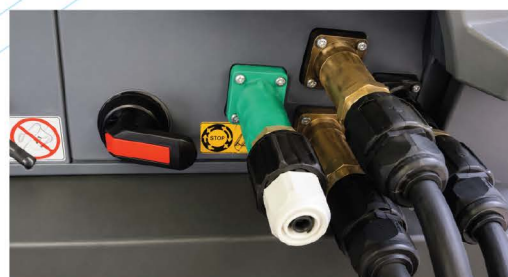
UP TO  
**50%**  
LIGHTER  
THAN CONVENTIONAL COMPRESSORS



### Plug and play

With its smart socket system, the H185 - H250 VSD fit on any power connection you may have available, 16A, 32A or 63A.

The E-Air H450 VSD is connected to the grid through the Power Lock: an easy to use and save connection.



## Made for tough circumstances

Our E-Air VSD compressors are green at heart, but have been built with the same robustness as their diesel counterparts.

- HardHat hood
- Fit for ambient temperatures of up to 50°C
- C3-certified body-work
- Water-cooled inverter
- Oil-cooled VSD drive train
- Permanent magnet motor features potted windings: IP66 rating for protection against dust and water.

# E-Air



### Control with the touch of a button

The easy to use XC2003 controller gives full control.



### Easy to service

Thanks to the U-Flex design of the hood, it's easy to access all service points of the E-Air H450 VSD.





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As an authorized distributor of Atlas Copco

## COMMITTED TO SUSTAINABLE PRODUCTIVITY

We stand by our responsibilities towards our customers, towards the environment and the people around us. We make performance stand the test of time. This is what we call – Sustainable Productivity.



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