



Dedicated to the high-quality and energy-saving air compressors

Airpressa

Company Profile



ABOUT US

Airpressa is a leading manufacturer, exporter, and solution provider of industrial air compressors in China. With a rich history dating back to the year 2001, we have been consistently delivering high-quality air compressors and related products to meet the diverse needs of our global clients.

As a dedicated manufacturer, we take pride in our state-of-the-art manufacturing facilities that allow us to produce a wide range of air compressors, including oil-lubricated compressors, oil-free compressors, variable speed compressors, two-stage compressors, laser cutting compressors, portable compressors, etc.

Our products are known for their reliability, durability, and energy efficiency, making them ideal for various industrial applications.

At Airpressa, we are not just about manufacturing air compressors. We are also a trusted partner and solution provider for our clients. We work closely with them to understand their unique requirements and offer customized solutions to meet their specific needs.

In addition to our manufacturing and exporting capabilities, we have a team of experienced professionals who provide exceptional customer service and technical support to ensure a seamless buying experience for our clients.

In summary, Airpressa is a one-stop-shop for all your industrial air compressor needs. Whether you need a standard compressor or a customized solution, we have the expertise, experience, and commitment to deliver the best.



HISTORY

Airpressa was established and started producing piston air compressors.

2001

Send technicians to Germany, Sweden and the United States to learn the latest compressor technology.

2003

We pool funds the research, design, and production of screw air compressors.

2005

The global financial crisis Leded us to nearly abandon the piston compressor business.

2008

Airpressa ventured into the development of oil-free screw compressors.

2010

We started mass production of oil-free compressors and were favored by customers.

2012

Airpressa emerged stronger and ventured into the international market.

2014

The global economic and production recovery from pandemic. Especially in the medical industry, we completed the entire year's tasks in 3 months.

2021

Airpressa continues to develop rapidly, with VSD and oil-free screw compressors continuing to add power to the company.

2023

Airpressa

CULTURE

Vision

Airpressa envisions a future where innovative air compressor solutions not only meet industry demands but also contribute significantly to a sustainable and energy-efficient world. Our vision is to be the global leader in advancing air compressor technology, setting benchmarks that inspire positive change across industries.

Mission

Driven by a passion for excellence, Airpressa's mission is to design, manufacture, and deliver state-of-the-art screw air compressors that exceed customer expectations. We aim to provide sustainable, energy-efficient solutions that empower industries worldwide, fostering growth while minimizing environmental impact.

Values

Innovation

We embrace a culture of continuous innovation, pushing the boundaries of technology to redefine the capabilities of air compressors and meet the evolving needs of our clients.

Integrity:

At Airpressa, integrity is non-negotiable. We conduct our business with the utmost transparency, honesty, and ethical standards, fostering trust with our customers, partners, and employees.

Customer Centricity

Our customers are at the forefront of everything we do. We are committed to understanding their unique needs and delivering solutions that not only meet but exceed their expectations.

Sustainability

Environmental responsibility is ingrained in our DNA. We are dedicated to sustainable practices, from the design of our compressors to our manufacturing processes, contributing to a greener and healthier planet.

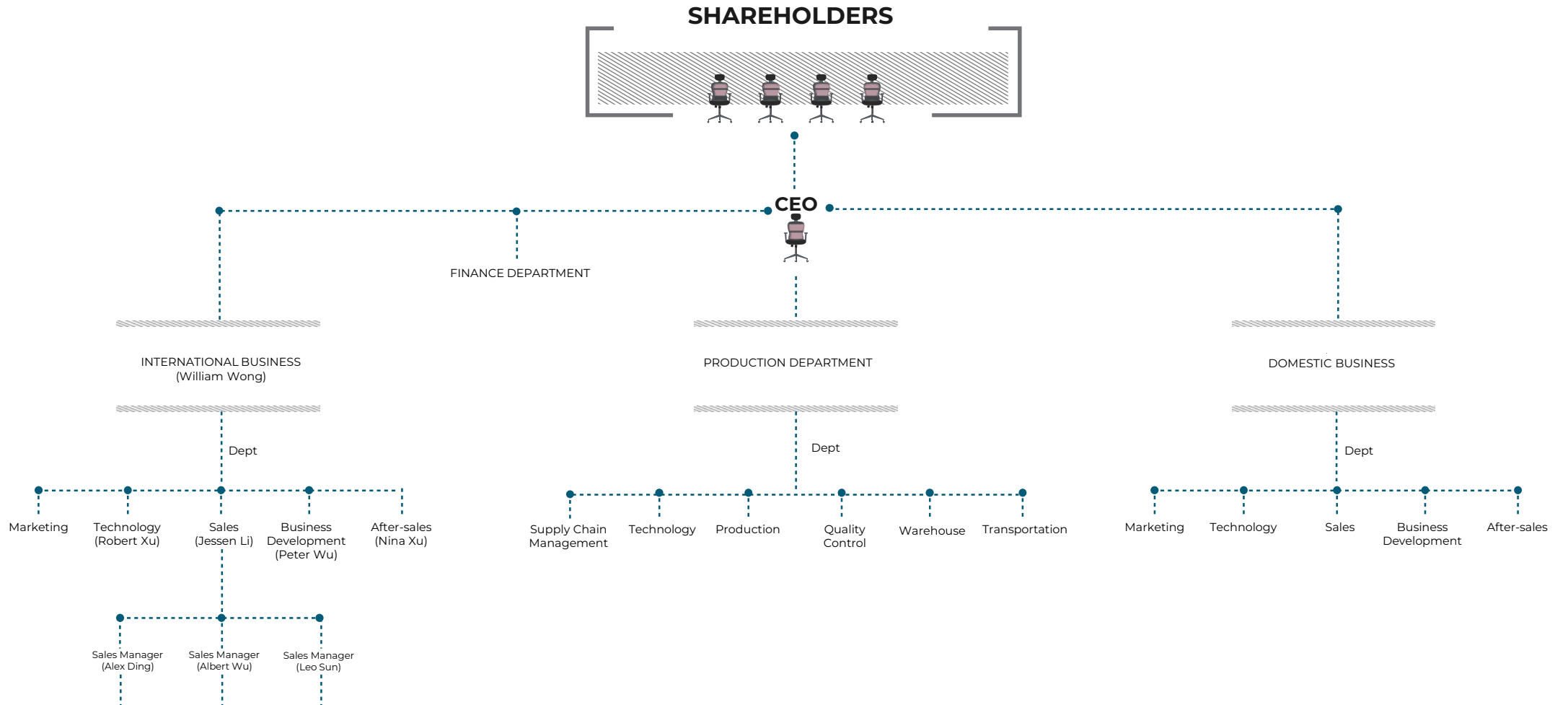
Excellence

Striving for excellence is our norm. We are committed to delivering products and services of the highest quality, setting industry benchmarks and maintaining a relentless pursuit of perfection.

Collaboration

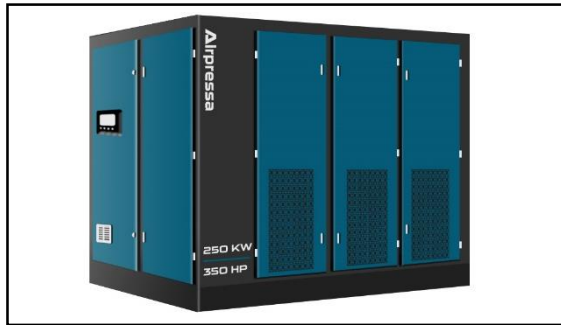
We recognize the power of collaboration. By fostering partnerships with industry leaders, experts, and our own team members, we amplify our collective strengths and drive innovation and growth.

STRUCTURE



PRODUCT RANGE

Airpressa has a wide product range, in addition to providing the following regular compressors, it also includes low-pressure and high-pressure compressors, 350-450 kw heavy-duty industrial screw machines, etc.



Fixed Speed / VSD Screw Compressor



Oil-free Compressor Passed ISO-8573



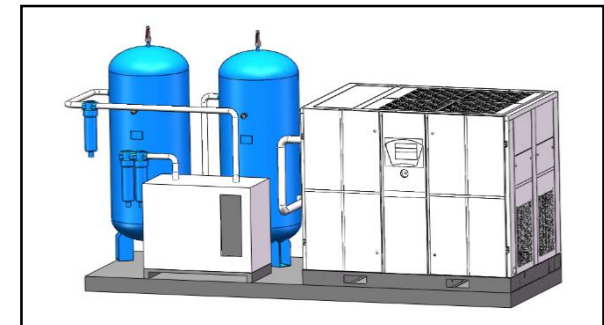
Screw Compressor with Dryer



Portable Diesel Compressor



2-stage Screw Compressor



Compressed Air System Station

PM VSD TECHNOLOGY



Permanent Magnet Motor

The use of a permanent magnet motor in variable frequency screw air compressors provides several advantages over traditional air compressors. Permanent magnet motors are more efficient and have a longer lifespan. They also operate with less noise and are capable of operating at a higher speed.

Intelligent Control System

Variable frequency screw air compressors are equipped with intelligent control systems that allow for efficient operation and energy savings. The system is equipped with a microprocessor controller that regulates the speed of the motor to match the air output requirements, thereby reducing energy consumption.

High Efficiency and Energy Savings

Variable frequency screw air compressors have a high-efficiency rating, which means that they consume less energy compared to traditional air compressors. The variable frequency drive technology in these compressors allows them to adjust their speed according to the air demand, resulting in significant energy savings.

Easy Maintenance

Variable frequency screw air compressors are easy to maintain due to their modular design. This means that individual components can be easily replaced without the need for major repairs. Furthermore, the compressors have a self-diagnostic feature that alerts operators to potential issues before they become major problems.

High-Quality Inverter with Low Noise

Variable frequency screw air compressors are equipped with high-quality inverters that provide smooth and stable operation. The inverters are designed to reduce noise levels and improve energy efficiency. The low noise level of the compressor makes it suitable for use in noise-sensitive environments such as hospitals and schools.

OIL FREE TECHNOLOGY

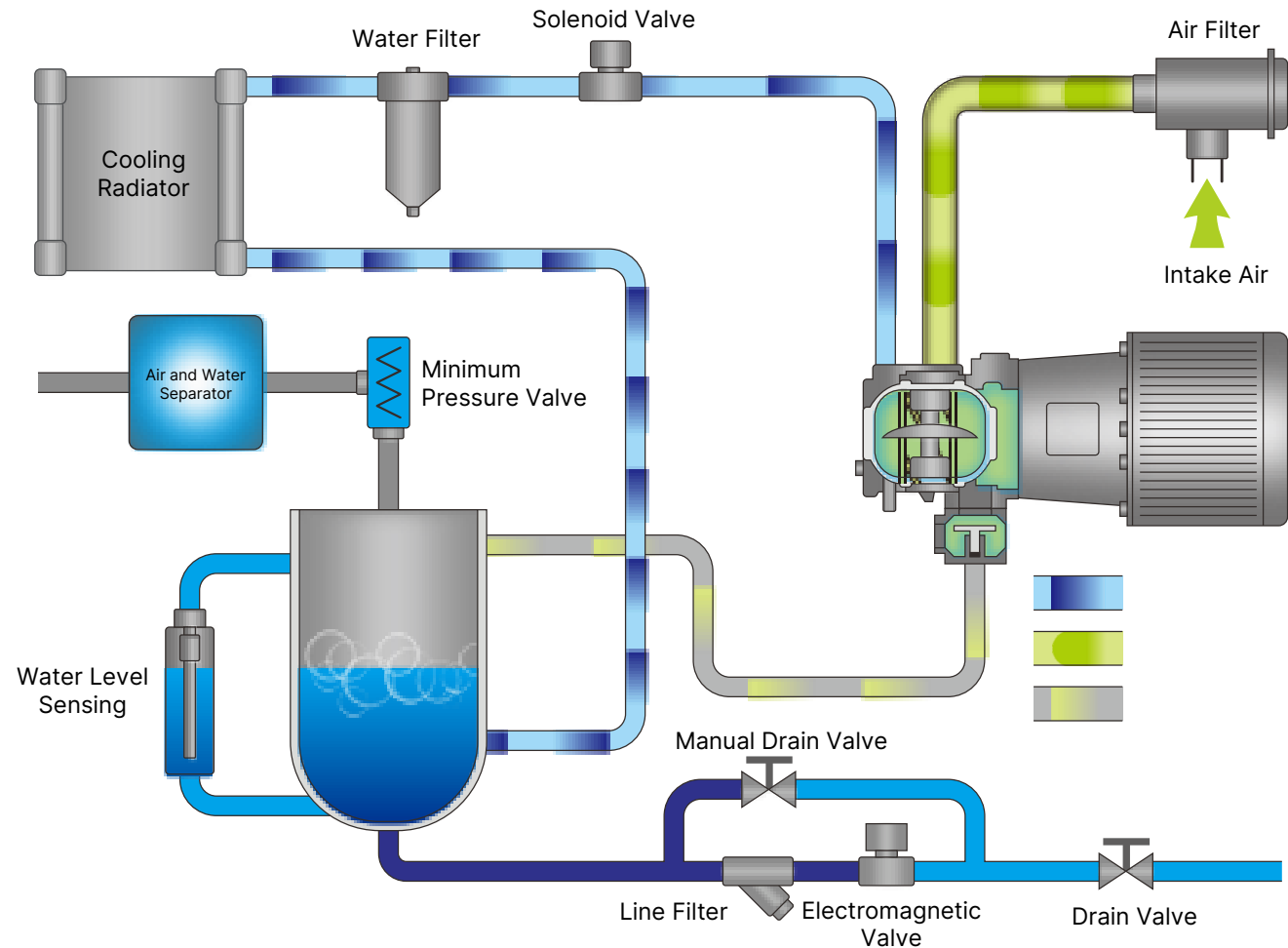
Airpressa water-lubricated single-screw air compressor is an oil-free air compressor series that uses water as cooling, seals and lubricants fundamentally solve the production process requirements and environmental problems caused by oil products pollution problem.

Compared with other oil-free air compressors, it has a simple and compact structure: low speed, Low vibration and noise, low exhaust temperature, high thermal efficiency, stable and reliable performance, excellent specific power, etc. The advantage is the development trend of new oil-free machines.

Its working principle is through the compressor. The pressure difference generated by itself continuously injects lubricating water into the compression chamber and bearings during the compression process.

This design has the following characteristics:

- The injected lubricating water can form a certain stiffness between the rotor, star wheel and casing. The water film and star wheel are directly driven by the main rotor.
- The water directly cools the self-lubricating bearings at both ends of the star wheel. The injected water can achieve air-tightness, which is better than that of ordinary dry screw compressors.
- Lubricating water can absorb a large amount of compression heat, improve compression efficiency, and avoid rotor friction or jamming due to different thermal expansion coefficients between the star wheel and the casing.
- Lubricating water can also reduce noise caused by high-frequency compression.



MANUFACTURING



3 Manufacturing Bases

50 Technical People

300+ People Workforce

8,000+ Annual Product Throughput

15,000 Square Meters Plant Area

APPLICATIONS



General Manufacturing

Air compressors are used to power pneumatic tools, clean equipment, and automate production lines.



Pharmaceutical

Compressors are used in the manufacturing and packaging processes of drugs.



Automotive Industry

Support manufacturing process of vehicles, in painting cars, and inflating tires.



Food Packaging

They are used in the packaging process, and injection molding.



Glass Container

Air compressors are used in the molding and cooling processes.



Spraying

Air compressors are used to power spray painting equipment.



Sandblasting

They are used to clean and prepare surfaces for painting or sealing.



Oil & Gas Industry

They are used for exploration, drilling, and refining processes.



Mining

Air compressors are used in drilling and extracting processes.



Laser Cutting

Blowing away heat, smoke, and debris produced during laser cutting.



Construction

Compressors power various tools like jackhammers, compactors, and sandblasters.



Water Treatment

Air compressors are used in aeration tanks to break down waste.

GLOBAL MARKETS

- North America
- Latin America
- South America
- Europe
- Russia
- The Middle East
- Central Asia / South Asia
- Southeast Asia
- Australia
- Africa

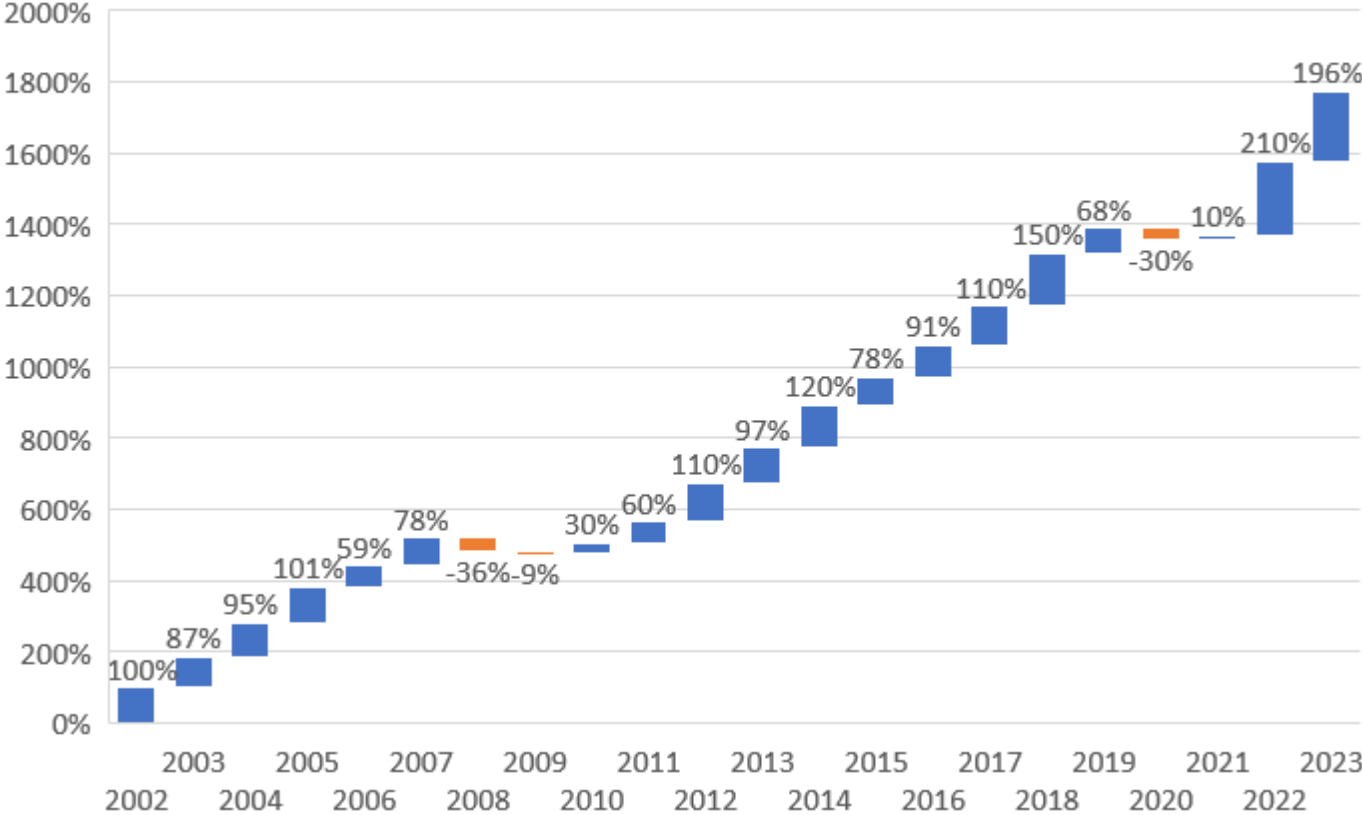


DEVELOPMENT

Over the course of more than 20 years, Airpressa has steadily progressed, marked by six pivotal milestones:

1. From 2001 to 2004, our focus was on the production of piston air compressors, widely applied in small-scale projects and manufacturing.
2. Starting in 2005, Airpressa, in tune with the industry trends, initiated the research, design, and production of screw air compressors to meet the surging growth in the domestic manufacturing sector. In 2005, our sales tripled.
3. With the onset of the global financial crisis in 2008, both production and sales were impacted, leading us to nearly abandon the piston compressor business.
4. In 2010, Airpressa ventured into the development of oil-free screw compressors. At that time, it was a challenging and resource-intensive endeavor. It wasn't until 2012 that our oil-free compressors gained market recognition.
5. In 2014, after 14 years of development, Airpressa emerged stronger and ventured into the international market. This strategic decision proved absolutely right. Despite heightened competition in the international arena, Airpressa has withstood the test of customers and time.
6. In 2021, following the disruptions caused by the global pandemic, we witnessed a global economic and production recovery. Especially in the medical industry, our oil-free compressors gained widespread acclaim, surpassing previous sales figures within just three months.

Airpressa Annual Sales Growth Detailed Chart



PROJECTS

WE PLAY AN IMPORTANT ROLE IN A VARIETY OF PROJECTS
AROUND THE WORLD THROUGH DEALERS AND TENDERS

Applied in 60+ Countries



PARTNERS

WE HAVE PARTNERED WITH MORE THAN
3,000 COMPANIES

SINCE 2001



COMPETITION ANALYSIS

Global Market Competition Analysis

The global market for air compressors is witnessing a significant surge in demand, reflecting a promising trend for industry players. However, this upward trajectory is accompanied by an intensification of competition, necessitating a strategic and nuanced approach for sustained success. New competitors are constantly joining the market, and brand effect is particularly important. At the same time, product quality varies, which requires us to insist on quality as the core of our culture.

Market Positioning

Airpressa strategically positions itself in the market with a focus on two key products: oil-free air compressors and variable-speed air compressors. These offerings cater to the evolving needs of industries worldwide, aligning with the increasing demand for energy-efficient and environmentally conscious solutions.

Strategic Responses

Optimizing Supply Chain and Production SOP

To stay ahead in the competitive market, Airpressa continuously optimizes its supply chain and production Standard Operating Procedures (SOP). This strategic initiative not only saves costs but also ensures that our prices remain stable, providing our customers with a reliable and cost-effective solution.

Focus on Service Excellence

Recognizing the significance of customer satisfaction, Airpressa places a paramount emphasis on service. We are dedicated to providing exceptional after-sales support and effective problem-solving capabilities. By doing so, we aim to instill confidence in our customers, assuring them that their concerns are addressed promptly and comprehensively.

In essence, Airpressa's response strategy revolves around a three-pronged approach: innovation in technology and product quality, optimization of operational processes for cost-efficiency, and an unwavering commitment to exceptional service. This holistic strategy positions us not only as a competitive force in the global market but also as a trusted partner for our customers worldwide.

OUR FUTURE

Technological Advancements

Airpressa is unwavering in its dedication to staying at the forefront of technological innovation. We will contribute to deliver air compressors that not only excel in performance but also adhere to the highest standards.

Energy Efficiency and Green Solutions

In the pursuit of a sustainable future, Airpressa remains committed to developing energy-efficient air compressors. Our goal is to offer green solutions that not only benefit our customers by reducing operational costs but also contribute significantly to the global effort to combat climate change.

International Reach

Airpressa's future unfolds on a global stage. We envision expanding our footprint to reach new markets and serve diverse industries worldwide. This expansion involves forging strategic collaborations and partnerships that amplify our impact and foster shared growth.

Enhanced Customer Experience

Our commitment to providing exceptional customer experiences remains unwavering. In the future, Airpressa will continue to focus on understanding and exceeding customer expectations. This involves not only delivering superior products but also enhancing our service and support mechanisms to ensure lasting satisfaction.



REDUCE CARBON FOOTPRINT

As a global player in the air compressor manufacturing industry, Airprssa's commitment to energy efficiency reverberates across borders. By exporting our cutting-edge screw air compressors worldwide, we empower industries globally to adopt sustainable practices and reduce their carbon footprint.

Carbon Footprint Reduction

Airprssa understands the environmental impact of industrial activities. Our commitment to reducing the carbon footprint is reflected in the life cycle of our products. Through energy-efficient design, responsible sourcing of materials, and eco-friendly manufacturing practices, we actively contribute to mitigating the environmental impact of industrial processes.

Operational Cost Savings

Beyond environmental benefits, Airprssa's energy-saving solutions translate into tangible cost savings for industries. Our compressors not only reduce energy consumption but also enhance overall system efficiency, leading to decreased operational costs. This dual advantage positions Airprssa as a strategic partner in achieving economic and environmental sustainability.



MEET AIRPRESSA



CEO
William Xie



Financial Director
Alice Hu



Technical Director
Robert Xu



Sales Director
Jessen Li



Sale Manager
Albert Wu



Sale Manager
Alex Ding



Sale Manager
Leo Sun



After-sales Manager
Jessica Chen

Putting technology and product quality first is the core proposition of Airpressa.

The competitive price is one of the decisive factors at the sales stage.

In the after-sales stage, service and problem-solving capabilities become core competitiveness.

While obtaining reasonable profits, try our best to maximize product quality and after-sales service levels. This is what we always insist on.

- CEO William Xie





Airpressa

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