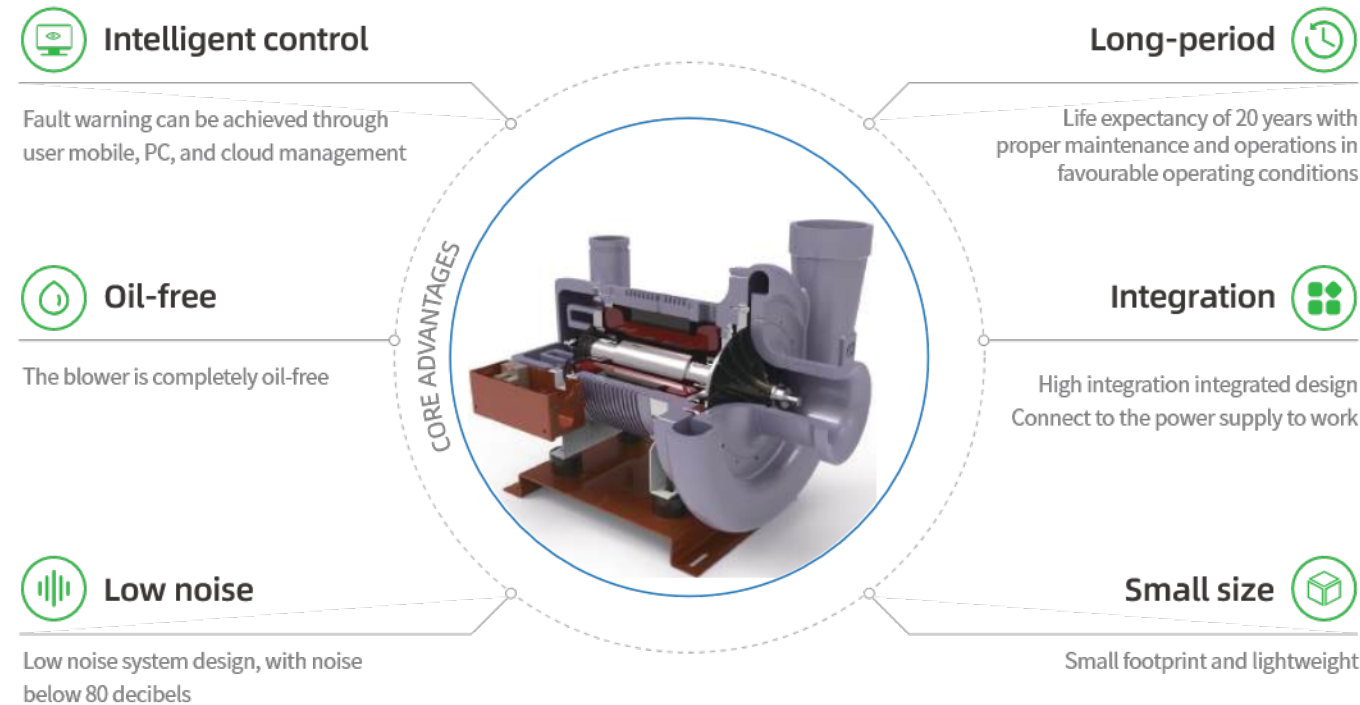


AIR SUSPENSION HIGH-SPEED TURBO BLOWER



PRODUCT INTRODUCTION

> CORE ADVANTAGES



Easy maintenance

Simply replace the filter cotton regularly according to the system prompts

Stepless speed regulation

Variable frequency regulation
Wide range of air volume adjustment

Energy conservation

20% -50% more energy-saving than Roots blower



> CORE TECHNOLOGY - GAS BEARINGS

Characteristics of Gas Bearings

Due to its extremely low viscosity coefficient and pollution-free nature, gas has an absolute advantage in high-speed, low friction, low power consumption, high precision, and special high and low-temperature conditions.

Aerodynamic Bearing

By utilizing the viscosity of the gas, pressure is generated between two rigid bodies in relative motion, and the magnitude of the pressure depends on the gas's viscosity and relative velocity.

Externally Pressurized Gas Bearing

By utilizing the static pressure of gas, it can be applied to high-precision support of motion pairs such as straight lines, rotations, and curved surfaces.

Gas Bearing

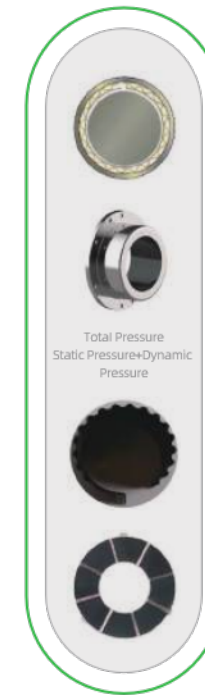
Under certain conditions, the static and dynamic pressures of gas are utilized to generate support forces on the surface of relative motion.

Typical Applications of Dynamic Pressure Gas Bearings

Air suspension blower

Typical Applications of Hydrostatic Gas Bearings

Various air-floating spindles, ultra-high precision motion pairs



> STATIC PRESSURE GAS-BEARING PRODUCTS

Plane motion



Multi-segment splicing
Suction floating composite
Accuracy<1um/m²

Rectilinear motion



Accuracy < 0.5um/m²
Speed > 10m/s

Rotational motion



Jump<0.1um
Speed>400000rpm
Carrying capacity>13T

Spherical motion



Accuracy<2"
Resistance < 5mN

> DYNAMIC PRESSURE GAS-BEARING PRODUCTS



Radial bearing

Bearing capacity > 1000N
Speed > 120000rpm
Takeoff speed<3000rpm



Thrust bearing

Bearing capacity > 1500N
Speed > 120000rpm

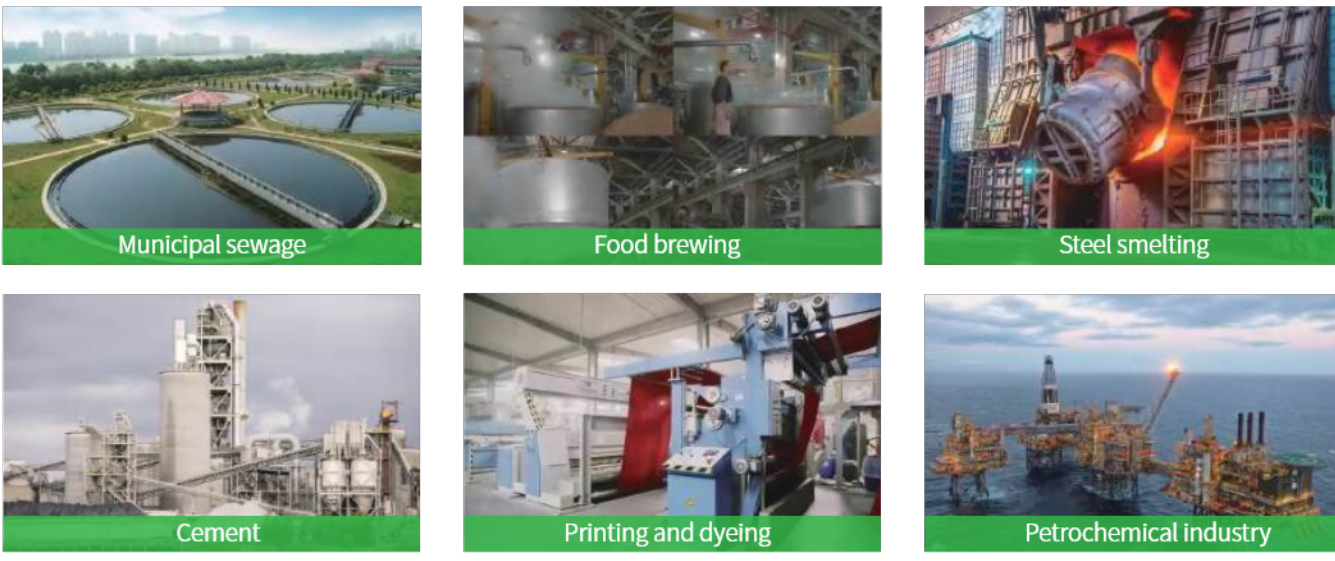
APPLICATION SCENARIOS

> APPLICATION SCENARIOS



> APPLICATION INDUSTRY

Applied in various industries such as environmental wastewater treatment, cement production, steel smelting, printing and dyeing textiles, papermaking, petroleum refining, chemical manufacturing, electricity generation,biomedicine, food processing, brewing, fertilizer production, dust removal and blowback systems, oxygen production, and aquaculture.



> SERVICE



Maintenance Services

The company can undertake the maintenance of different imported brands of air suspension high-speed blowers.



After-sale Service

The company and its partners provide users with fast and professional services. Auniquely designed product that can complete remote trouble-shooting andguide user operations.



Maintenance services

- Negative pressure suction and positive pressure gas supply
- Lower noise
- High and low-temperature resistance
- Electrical explosion-proof and chassis explosion-proof
- Special control mode
- Outdoor fan
- Corrosive environment
- High magnetic environment
- Transporting special gases (sulfur dioxide, nitrogen, carbon monoxide)

> COOPERATIVE CLIENTS



Please contact us for full catalogue

Thanks