



Yixing Aipu Air System Equipment Co., Ltd

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## Industrial Roots Blower Flow 1.0-58m<sup>3</sup>/Min For Maximum Efficiency And Durability

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Aipu
- Certification: CE CCC SABS TUV RoHS
- Model Number: ZH
- Price: Negotiable
- Packaging Details: Standard Export Package
- Delivery Time: 6-8 workdays



### Product Specification

- Flow: 1.0-58m<sup>3</sup>/min
- Efficiency: High
- Power Source: Electric
- Application: Industrial
- Material: HT250
- Boost: 9.8-58.8kpa
- Highlight: 58m<sup>3</sup>/min industrial roots blower,  
58m<sup>3</sup>/min roots blower manufacturers,  
durability industrial roots blower



## Product Description

### Product Description:

The main product features of the ZH series Roots blower include small size, light weight, high flow rate, simple structure, and stable and reliable operation. This fan has significant characteristics such as high stability, low energy consumption, and wide applicability, and is suitable for various gas transportation scenarios, including compressed air, coal gas, oxygen, hydrogen, etc. Its exhaust gas is clean and free of oil stains, making it particularly suitable for pneumatic conveying systems in industries such as chemical and food.

The specific characteristics of the ZH series Roots blower are as follows:

**High stability:** simple structure, stable operation, low vibration, and low noise.

**Low energy consumption:** high transmission efficiency and low operating costs.

**Wide applicability:** Suitable for various gas transportation scenarios, including compressed air, coal gas, oxygen, hydrogen, etc.

**No oil pollution:** The impeller operates without friction inside the body, so the discharged gas does not contain oil stains.

**Wide pressure range:** With the change of pressure, the flow rate changes very little, adapting to different needs.

**Less leakage:** The gap between the impeller and the body is very small, reducing leakage and improving volumetric efficiency.

**Long service life:** The structural design is reasonable, and the bearings and gear pairs have a long service life.

**Beautiful appearance:** The whole machine has a compact structure, small volume, light weight, and a beautiful and elegant appearance.

The ZH series Roots blower adopts a three blade rotor structure, which has the characteristics of low vibration and low noise.

Its special curve design makes the meshing more reasonable, efficient, and energy-efficient. In addition, the use of high-precision hard tooth synchronous gears further extends the service life of the fan and ensures its stable operation.

### Technical Parameters:

Material	HT250
Technology	Roots
Power Source	Electric
Application	Industrial

### Applications:

The ZH series Roots blower is mainly used in various fields such as sewage treatment, fine chemicals, air transportation, pharmaceutical manufacturing, automobile manufacturing, packaging industry, etc.

In terms of sewage treatment, the ZH series Roots blower provides sufficient oxygen to promote the growth and reproduction of microorganisms, effectively purifying water quality. In the field of fine chemicals, it is used in processes such as steaming, drying, and gas transportation to improve chemical reaction efficiency. In terms of air transportation, it serves as the main equipment to suck air from one place, compress it, and then send it to another place. In addition, the ZH series Roots blower is widely used in drying, blowing, and conveying powders in pharmaceutical manufacturing, as well as in coating drying, paint mixing, and blending processes in automotive manufacturing. In the packaging industry, it provides air pressure for packaging machines to help locate and shape packaging materials. The ZH series Roots blower has the characteristics of high efficiency, energy saving, low noise, and air cooling. Its efficient and energy-saving design reduces air leakage and mechanical power consumption, and has a long service life. By adopting a cyclic chain system for reverse conduction, a low-noise effect has been achieved. When the pressure reaches a certain range, the temperature is controlled below 80 °C to ensure the stable operation of the equipment. In addition, the fan adopts multiple patented technologies such as reverse flow device and high-precision key components, ensuring smooth and efficient operation.

### Customization:

### Support and Services:

Our Roots blower products are equipped with top-notch technical support and services to ensure optimal performance and efficiency. Our expert team is always available to provide assistance in installation, operation, and troubleshooting. We also provide regular maintenance services to keep your Roots blower running smoothly and prevent any potential issues. In addition, we also provide training and educational resources to help you maximize the advantages of pumps and stay informed about the latest industry developments.

### Packing and Shipping:

Product Packaging:

**The Roots blower will be packaged in sturdy and durable wooden boxes.**

**Roots blower will be fixed with foam pad to prevent damage during transportation.**

**The wooden case will be labeled with the product name, model number, and any other necessary information for easy**

**identification.**

Shipping:

**The product will be shipped via a reputable courier service, such as DHL or FedEx.**

**The shipping cost will be calculated based on the destination and weight of the package.**

**The estimated delivery time will be provided to the customer upon confirmation of the order.**

**The customer will be provided with a tracking number to monitor the status of the shipment.**

**FAQ:**

Q1. What is Aipu fan?

A1. Aipu fan is a type of fan that uses a Roots blower to blow air and is equipped with advanced technology. It has the characteristics of high efficiency and energy saving.

Q2. Where is the production location of AIPU fans?

A2. The AIPU fan is made in China.

Q3. Is there any certification for AIPU fans?

A3. Yes, Aipu Roots blowers have obtained CE, CCC, SABS, TUV, and RoHS certifications.

Q4. What is the price of Aipu fan?

A4. The price of Aipu fan can be negotiated. Please contact our sales team for more information.

What are the packaging details and delivery time of the Aipu fan?

A5. The packaging details of the AIPU fan are standard export packaging. The delivery time is 6-8 working days.



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