

RUIAN LIPENG AUTOMOTIVE MOTOR CO.LTD



Company Profile

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Existing product
introduction

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Laboratory Introduction

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New Product Introduction

Enterprise Development History

- ♦ **Founded in 2006;**
- ♦ **Currently the factory covers an area of 9,000 square meters , with 100 employees on the job;**
- ♦ **Passed IATF16949:2016 international quality management system certification;**
- ♦ **More than 30% year-on-year sales growth in 2021, 2022 and 2023;**



Specialized in manufacturing
Automotive blower motors and
air conditioning control panels

- [illegible]



Enterprise Management and Intelligent Development


- ◆ **2021 Introduced ERP and MES production management system of Shanghai Chiyun Enterprise Management Co., Ltd. to improve production efficiency and order delivery rate;**
- ◆ **2021 Signed a management consulting project with Shanghai Chiyun Enterprise Management Co., Ltd. on "Upgrading of Enterprise Operation Management"; upgraded the company's management and realized 6S management.**
- ◆ **2023 Matching with FAW Jiefang, Jinan Heavy Duty Truck, Sichuan Wangpai, Dongfeng Second Automobile and other companies.**
- ◆ **Post-development: *integrated, electronic, intelligent***
- ◆ **Realization of four intelligent manufacturing workshops:**

Air conditioner panel intelligent workshop;
Stamping intelligent workshop;
Assembly intelligent workshop;
Line board intelligent assembly workshop;



Production Advantages

Blower Motor Comparison Peer Advantage :

- 1. We have specialized in manufacturing and developing automotive blower motors for over 17 years, able to bring more professional solutions to customers**
 - 2. We have 15,00+ items to meet our customers' needs.**
 - 3. Our production lines are highly automated to ensure stable delivery times.**
 - 4. Our resources are centralized and we can respond quickly.**
 - 5. Our quality department performs incoming material testing and on-line testing to ensure the stability of our products.**
 - 5. We have a professional after-sales team that can guarantee customers' after-sales needs.**
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Production

Equipment, technical strength

Introducing the automatic assembly line of brushless motor rotor, and setting up the intelligent production line with holding cloud MES system



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Product Introduction



1. Blower Motor

Annual production of 1 million PCS;

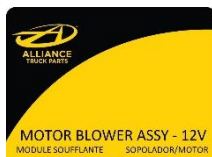
Over 1500 items

Main domestic customers :

FAW Jiefang, Jinan Heavy Duty Truck, Sichuan Wangpai,
Dongfeng Second Automobile

Main foreign customers:

Daimler Truck North America (DTNA), Omega Environmental
Technologies USA, MEI Corporation USA, NRF



Make in China Made in China Fabricated in China



2. Intelligent Air Conditioning Panel Series

Annual production of 300,000 PCS

Over 300 items.

Main customers :

Freightliner Automotive North America, Inc., Omega Environmental
Technologies USA, North America's large auto parts supermarket



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Laboratory Introduction

Laboratory equipment:

1.Wind tunnel test bench

Test blower motor air output

2.High and low temperature test bench

Blower motor performance at high and low temperatures

3.Full life test bench

Test Blower Motor Life

4.Planar projector

Test blower motor full size

5.Surface finish meter

Testing blower motor surface finish



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Brushless Blower Motor



Freightliner truck



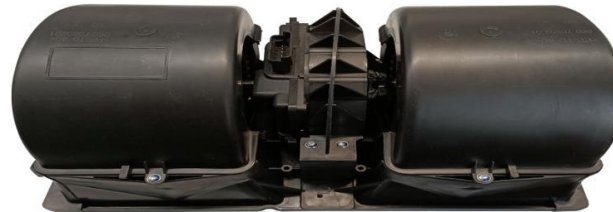
Kenworth trucks



Navistar



Benz ML



New Scania R,G,T,P2008

✓ **Fast heat dissipation**

✓ **Lower noise**

✓ **Long life**

✓ **High air volume**



Advantages of brushless motors:

High efficiency and low energy consumption. The application of brushless motors is vigorously promoted globally, this has a lot to do with the performance advantages of brushless itself, and it is really a big trend from the point of view of energy consumption.

Low noise (silent), smooth running. Brushless motor without brushes, running friction is greatly reduced, running smoothly, the noise will be much lower, this is an advantage for many applications, home appliances, industrial automation, medical industry, etc., need to be silent environment.

Long life, low maintenance cost. The structural characteristics of the brushless motor determines its long life, in a reasonable range of use, brushless motor basically do not need additional maintenance costs.

Wide range of application and good control effect. Brushless motor with a controller (driver), can realize from simple to complex control, and can realize a variety of communication requirements (232, 485, can, etc.), so that in addition to meet some of the conventional mechanical action can also perform complex control commands. And with the wide use of magnetic encoder in recent years, it can replace some simple servo applications.

The above four points are the core advantages of brushless motors, and hope that brushless motors can be more widely used!

Thanks for watching

