

工作原理

无油涡旋空气压缩机，由电动机驱动，电动机带动曲轴旋转，曲轴带动偏心轴旋转，偏心轴带动涡旋压缩机旋转，涡旋压缩机将空气吸入并压缩，最后通过排气阀排出。

Intelligent manufacturing

Production of intelligent manufacturing software development

of intelligent manufacturing software development and production

of intelligent manufacturing software development and production

of intelligent manufacturing software development

of intelligent manufacturing software development

of intelligent manufacturing software development

of intelligent manufacturing software development

A. PRODUCT

Product name

Product model

Product description

Product features

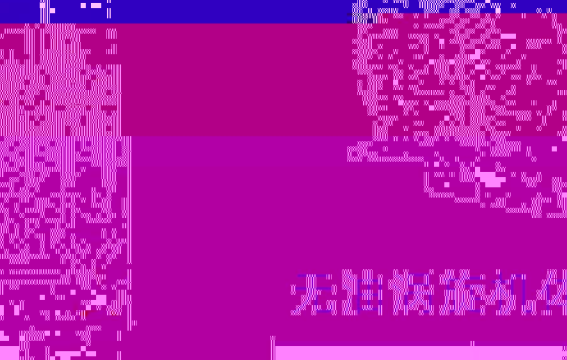
B. SERVICE

Service name

Service model

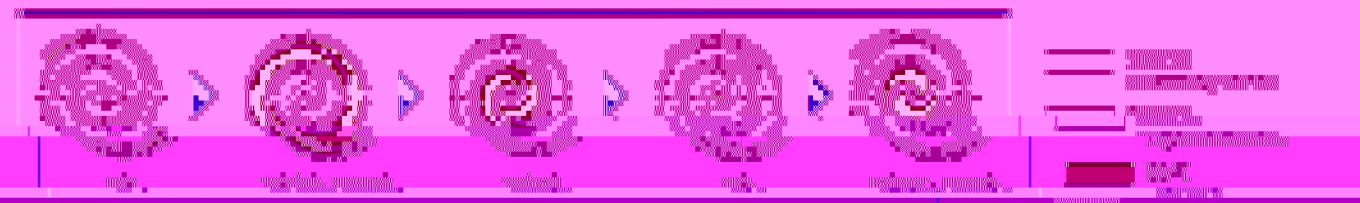
Service description

Service features



1.

Handing scroll compressor uses special fine oil static and dynamic seals are interwined to complete the work of scrolls compressor and between scrolls compressor is fixed on the frame and the scroll compressor is driven by the eccentric shaft to rotate by the eccentric shaft and the scroll compressor is driven by the eccentric shaft to rotate by the eccentric shaft. The gas is firstly sucked through the gap between the scrolls and through the slot. As the eccentric shaft rotates, the gas is gradually compressed in the closed-shaped compressor chamber composed of the inner and outer scrolls and then compressed by the scroll part increases sharply.



1. Suck 2. Compression 3. Compression 4. Compression 5. Discharge



Large scroll compressor body structure

| Model | Capacity (m³/min) | Pressure (bar) | Power (kW) | Weight (kg) | Dimensions (mm) | Material |
|----------|-------------------|----------------|------------|-------------|-----------------|----------|
| 3-05-050 | 0.05 | 5 | 0.5 | 10 | 100x100x100 | Aluminum |
| 3-05-100 | 0.1 | 5 | 1.0 | 20 | 150x150x150 | Aluminum |
| 3-05-200 | 0.2 | 5 | 2.0 | 40 | 200x200x200 | Aluminum |

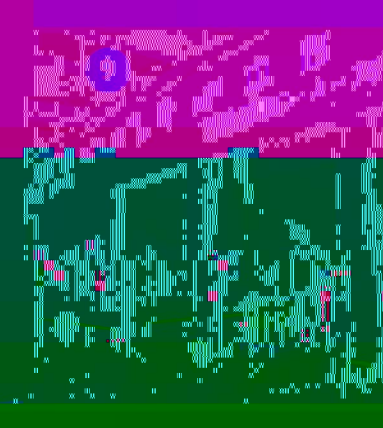
C. APPLICATION

Application name

Application model

Application description

Application features

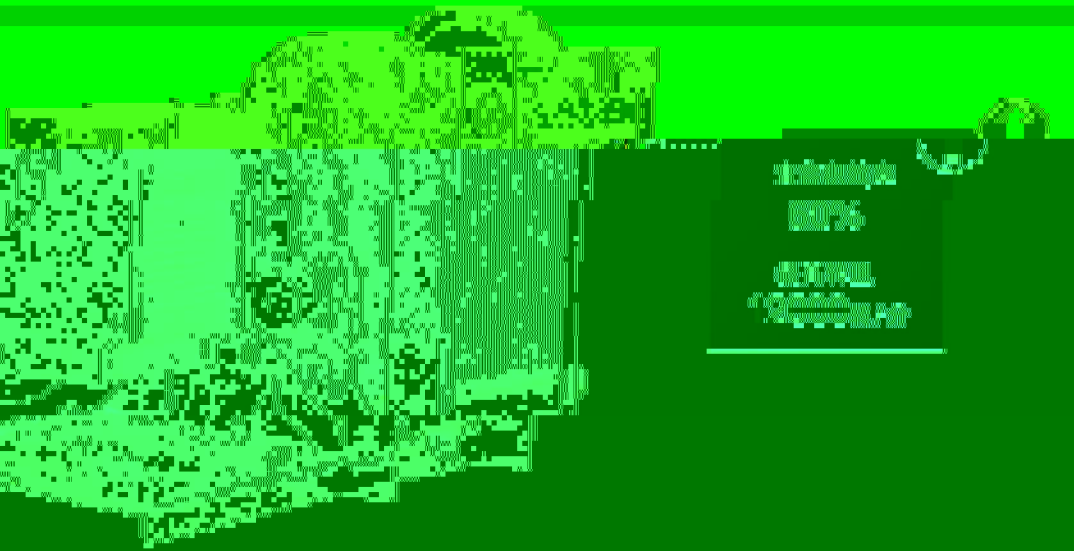


强大的产品 为每一辆汽车设计 Powerful products

For every car every car

汉钟无油涡旋空气压缩机是汽车空调系统的重要组成部分。其性能的好坏直接影响到汽车空调系统的制冷效果和使用寿命。汉钟无油涡旋空气压缩机采用先进的涡旋压缩技术，具有体积小、重量轻、噪音低、寿命长等优点。广泛应用于乘用车、商用车、工程机械等领域。

汉钟无油涡旋空气压缩机采用先进的涡旋压缩技术，具有体积小、重量轻、噪音低、寿命长等优点。广泛应用于乘用车、商用车、工程机械等领域。其独特的设计使得压缩机在运行过程中能够实现超低的功耗，从而有效降低车辆的燃油消耗，为车主节省大量运营成本。此外，汉钟无油涡旋空气压缩机还具有优异的密封性能，能够有效防止润滑油的泄漏，确保系统的长期稳定运行。



汉钟无油涡旋空气压缩机
Oil-free scroll compressor

| Model | Capacity (m³/min) | Pressure (bar) | Power (kW) | Weight (kg) |
|---------|-------------------|----------------|------------|-------------|
| HS-100 | 1.0 | 10 | 1.5 | 15 |
| HS-150 | 1.5 | 10 | 2.2 | 22 |
| HS-200 | 2.0 | 10 | 3.0 | 30 |
| HS-250 | 2.5 | 10 | 4.0 | 40 |
| HS-300 | 3.0 | 10 | 5.0 | 50 |
| HS-350 | 3.5 | 10 | 6.0 | 60 |
| HS-400 | 4.0 | 10 | 7.0 | 70 |
| HS-450 | 4.5 | 10 | 8.0 | 80 |
| HS-500 | 5.0 | 10 | 9.0 | 90 |
| HS-550 | 5.5 | 10 | 10.0 | 100 |
| HS-600 | 6.0 | 10 | 11.0 | 110 |
| HS-650 | 6.5 | 10 | 12.0 | 120 |
| HS-700 | 7.0 | 10 | 13.0 | 130 |
| HS-750 | 7.5 | 10 | 14.0 | 140 |
| HS-800 | 8.0 | 10 | 15.0 | 150 |
| HS-850 | 8.5 | 10 | 16.0 | 160 |
| HS-900 | 9.0 | 10 | 17.0 | 170 |
| HS-950 | 9.5 | 10 | 18.0 | 180 |
| HS-1000 | 10.0 | 10 | 19.0 | 190 |

超低重量
LOW WEIGHT

Intelligent, patented and step control to save energy.

超低噪音
SMALL FOOTPRINT

Intelligent control of scroll speed.

超小体积
LOW SOUND

Intelligent control of the movement.

超低噪音

超低的能耗
ULTRA-HIGH ENERGY EFFICIENCY

Intelligent, patented and step control to save energy.

超低的维护成本
LOW LIFE-CYCLE COSTS

Intelligent control of scroll speed.

超高的可靠性
HIGH RELIABILITY

Intelligent control of the movement.

无边界的创新
OF SERVICE

▶ 无油涡旋机组设计特点:

Oil-free scroll compressor has the following features:

- 4. 工作时动静涡盘不接触，振动小，噪音更低。
- 5. 运行费用极低，每年可为您节省上万元的费用。

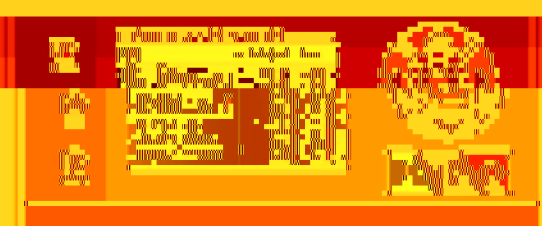
▶ 微油涡旋机组设计特点:

Micro-oil scroll compressor has the following features:

- 4. 工作时动静涡盘不接触，振动小，噪音更低。
- 5. 运行费用极低，每年可为您节省上万元的费用。

Table 1

| Model | Capacity (m³/min) | Pressure (bar) | Power (kW) | Weight (kg) | Dimensions (mm) |
|---------|-------------------|----------------|------------|-------------|-----------------|
| HS-0.1 | 0.1 | 7 | 0.75 | 15 | 200x200x150 |
| HS-0.2 | 0.2 | 7 | 1.5 | 30 | 300x300x200 |
| HS-0.3 | 0.3 | 7 | 2.2 | 45 | 400x400x250 |
| HS-0.5 | 0.5 | 7 | 3.5 | 75 | 500x500x300 |
| HS-0.7 | 0.7 | 7 | 4.5 | 100 | 600x600x350 |
| HS-1.0 | 1.0 | 7 | 6.0 | 150 | 800x800x400 |
| HS-1.5 | 1.5 | 7 | 9.0 | 220 | 1000x1000x450 |
| HS-2.0 | 2.0 | 7 | 12.0 | 300 | 1200x1200x500 |
| HS-3.0 | 3.0 | 7 | 18.0 | 450 | 1500x1500x550 |
| HS-4.0 | 4.0 | 7 | 24.0 | 600 | 1800x1800x600 |
| HS-5.0 | 5.0 | 7 | 30.0 | 750 | 2000x2000x650 |
| HS-7.0 | 7.0 | 7 | 42.0 | 1050 | 2500x2500x700 |
| HS-10.0 | 10.0 | 7 | 60.0 | 1500 | 3000x3000x750 |
| HS-15.0 | 15.0 | 7 | 90.0 | 2250 | 3500x3500x800 |
| HS-20.0 | 20.0 | 7 | 120.0 | 3000 | 4000x4000x850 |
| HS-30.0 | 30.0 | 7 | 180.0 | 4500 | 5000x5000x900 |
| HS-40.0 | 40.0 | 7 | 240.0 | 6000 | 6000x6000x950 |
| HS-50.0 | 50.0 | 7 | 300.0 | 7500 | 7000x7000x1000 |



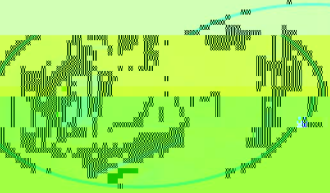
The scroll compressor is a kind of compressor which is equipped with a high-performance micro-processor control system. The micro-processor will change the status of the digital display and various fault-codes.

Low-frequency noise and vibration are reduced to a minimum.

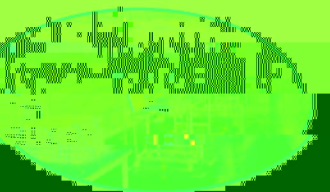
应用领域 application



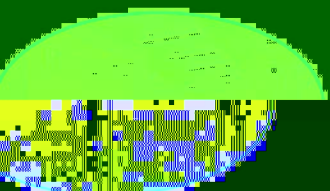
工业空气压缩机
Industrial air compressor (air conditioning, power and other special machinery)



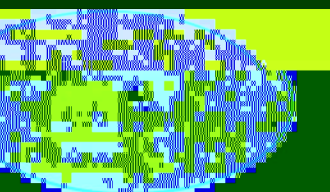
工业空气压缩机
Industrial air compressor (air conditioning, power and other special machinery)



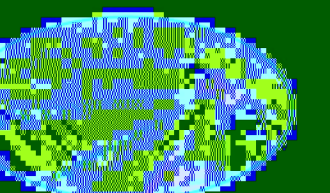
工业空气压缩机
Industrial air compressor (air conditioning, power and other special machinery)



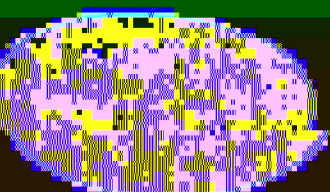
工业空气压缩机
Industrial air compressor (air conditioning, power and other special machinery)



工业空气压缩机
Industrial air compressor (air conditioning, power and other special machinery)

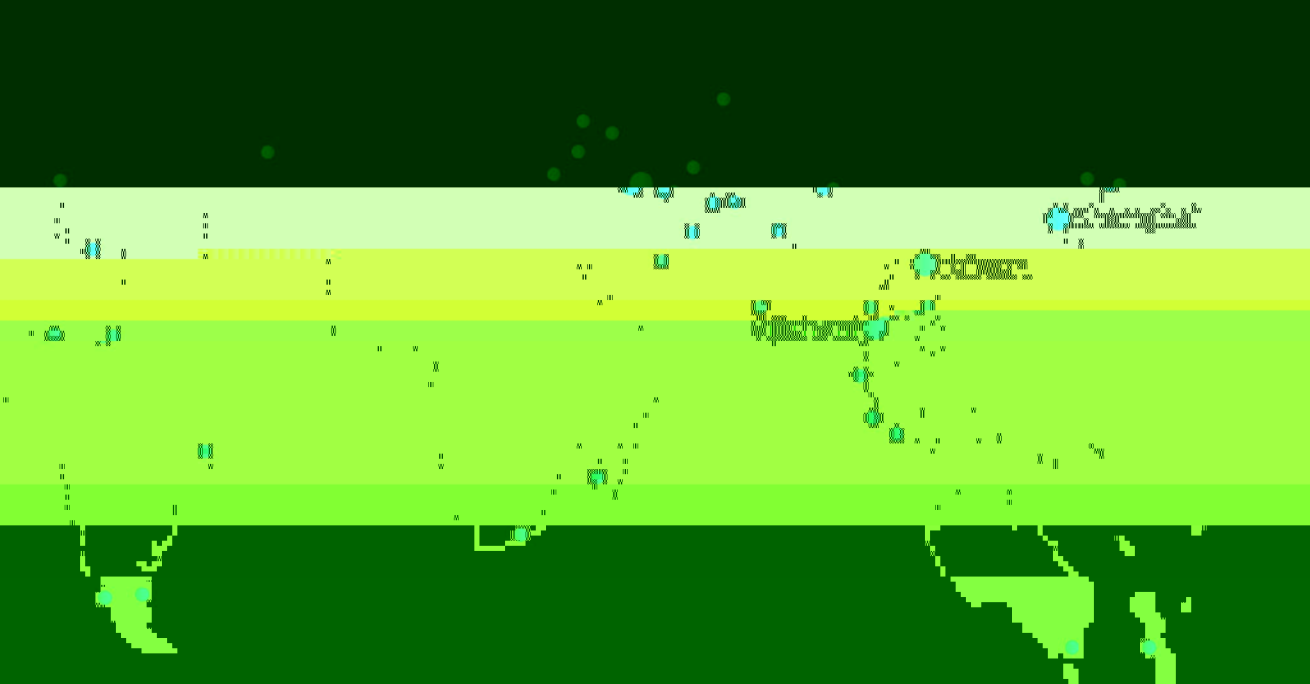


工业空气压缩机
Industrial air compressor (air conditioning, power and other special machinery)



服务与支持

Service And Support



汉钟压缩机有限公司秉承“客户至上”的经营理念，为客户提供优质的产品和服务。

我们拥有完善的服务体系，包括售前咨询、售后服务、技术支持等，确保客户在使用过程中遇到的问题能够得到及时解决。

我们拥有专业的技术团队，为客户提供专业的技术支持和培训，确保客户能够正确使用和维护设备。

我们拥有完善的服务网络，在全国各地设有服务网点，为客户提供便捷的服务。

服务网络

汉钟压缩机有限公司拥有完善的服务网络，在全国各地设有服务网点，为客户提供便捷的服务。

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