

Application Area

Textile Industry



Glass Industry



Cement Industry

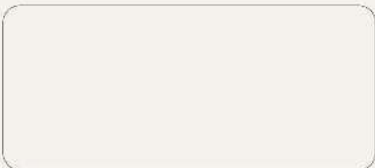


上海信然压缩机有限公司
Shanghai Xinran Compressor Co.,Ltd

销售/研发中心: 上海市嘉定区环城路2222号
Sales: R & D Center: 2222 Huancheng Road, Jiading District, Shanghai
电 话(Tel): 021-33681065 33580961
Whatsapp: 0086-17721760837
邮 箱(E-mail): salcs10@xinrancompressor.com
网 址(Website): www.xinrancompressor.com
工 厂 地 址: 中国江苏徐州市丰县高新区1号
Manufactory : No.1 High-Tech,Development zone,
Fengxian, Xuzhou city, Jiangsu province, China
电 话(Tel): 0516-89580911 89580933

24 Hours Hotline: 400-110-9566

Please contact our agency about the product details, which are as follows
有关产品详情, 请致函下列代理商



低压螺杆空气压缩机

Low pressure screw air compressor



● TEXTILE INDUSTRY ● GLASS INDUSTRY ● CEMENT INDUSTRY

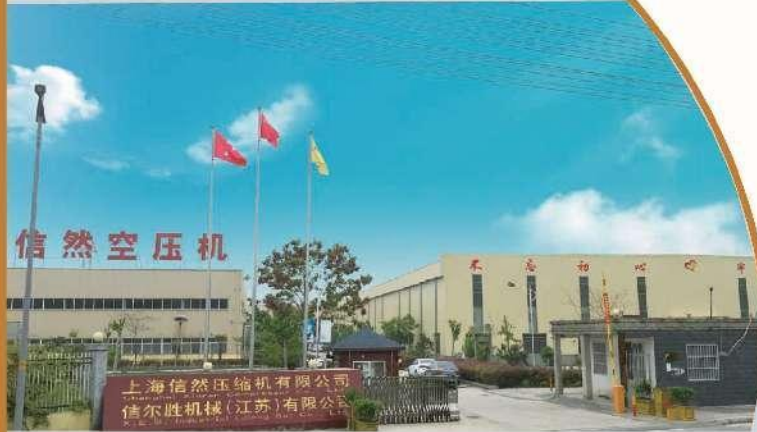
上海信然压缩机有限公司
Shanghai Xinran Compressor Co.,LTD.
信尔胜机械(江苏)有限公司
X.E.S. Industry(Jiangsu) Co., LTD.

Choose Xinran, Choose No Worry
选择信然 选择无忧

X. E. S. Machinery (Jiangsu) Co., LTD

Is an air compressor production based joint venture, by ShanghaiXinran Compressor Co., Ltd and Asia Pacific General Machinery Co., LTD, built as the Jiangsu production base of Shanghai Xinran Compressor Co., LTD.,

The main production company is the whole system list of products, of which the screw host and the whole machine production base, covers a total area of 60 acres



Shanghai Xinran Compressor Co., LTD

Founded in 2004, is China's largest compressor manufacturer and exporter. Its leading product is screw air pressure compressor, mobile air compressor, high pressure air compressor variable frequency air compressor, oil-free air compressor, centrifugal compressor, vacuum pump, oil-free screw Rod blower, drill, dryer, precision filter, gas storage tank, pneumatic tools and other products. The industry took the lead in passing the National Quality Certification Center (CQC) certification, the national industrial product production license, CE certification, TUV certification, ISO9001:2008 quality management system certification, and have won the "Chinese government procurement preferred brand", "High New technology focus on promoting the application of products" and other honorary titles.

Asia-pacific General Machinery Co., LTD

The core business is import and export of mechanical and electrical equipment, and strategic investment is the focus of the operation. The main business covers: general machinery and equipment import and export, agency mechanical and electrical equipment import and export, complete equipment project implementation, product manufacturing, venture capital platform, etc. The company develops to skilled business level, the company has a sound qualification system and strong technology Support, extensive service network at home and abroad, for "made in China" and overseas and build a bridge to reach the market.

公司简介
 company intro

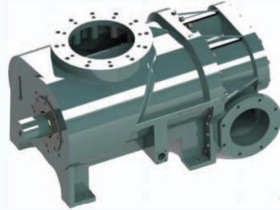
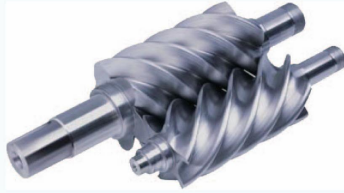
Enterprise qualification certificate



Energy-saving large displacement single stage low pressure screw compressor series

- Single stage large displacement host, low power, large gas capacity

1. The use of large rotor, low speed, to ensure the machine high performance operation;
2. The special design of the host, optimize the input specific power;
3. low noise, low vibration, low energy consumption.



- Permanent magnet/high efficiency variable frequency motor: average efficiency increased by 6%

1. eliminate no-load;
2. eliminate excess pressure;
3. frequency conversion efficiency is not affected by the number of starts and stops;
4. the motor efficiency is one level of energy efficiency.



- Customized cooling and radiator system

1. the oil cooling area increased by 30%, to ensure normal operation in summer, not over temperature;
2. permanent magnet frequency fan, host, fan double frequency design, effective Reduce power consumption.



- Special air inlet and air inlet channel design

1. the new noise reduction and sound insulation design, so that the air compressor is no longer "disturbing the people";
2. external filter, filter cotton wool, dust, easy to replace, easy to clean, effective ,avoid the body into impurities;
3. high precision double filter air filter, filtering accuracy up to 1 μ m.



- Custom enlarged oil and gas separation system

1. Match the customized oil separation system to ensure the oil and gas separation effect, and the air oil content is less than 2ppm;
- 2, the air compressor internal pressure loss is small.

Integral piping system

1. the structure is simplified, more reliable, to avoid aging, oil leakage and other phenomena;
2. the use of precision pipe fittings, the inner and outer walls are smooth, and the pressure loss of the pipeline is minimized.

- Permanent magnet frequency conversion single stage low voltage parameter table

Serial No.	Power (kW)	Discharge pressure (bar)	Capacity (m ³ /min)	Start mode	Outlet size	Dimension (L x W x H) mm	Weight (kg)
XRF37-3.5 I	37	3.5	10	Permanent magnet frequency conversion	DN80	1800 x 1300 x 1900	2100
XRF45-3.5 I	45	3.5	12		DN80	2500 x 1600 x 1740	2200
XRF55-3.5 I	55	3.5	16		DN80	2500 x 1600 x 1740	2400
XRF75-3.5 I	75	3.5	21		DN80	2850 x 1800 x 1912	3450
XRF90-3.5 I	90	3.5	29		DN80	2850 x 1800 x 1912	3500
XRF110-3.5 I	110	3.5	37		DN100	3440 x 2000 x 2320	4300
XRF132-3.5 I	132	3.5	43		DN100	3440 x 2000 x 2320	5400
XRF160-3.5 I	160	3.5	48		DN125	3720 x 2365 x 2385	6250
XRF185-3.5 I	185	3.5	56		DN125	3720 x 2365 x 2385	6400
XRF200-3.5 I	200	3.5	62		DN150	3720 x 2365 x 2385	7450
XRF220-3.5 I	220	3.5	68		DN150	4400 x 2350 x 2430	8200
XRF250-3.5 I	250	3.5	74		DN150	4400 x 2350 x 2430	8500

Energy-saving two-stage low pressure screw compressor series

● Low-voltage two-stage performance features:

1. more than the national level energy efficiency 1%~10%;
2. centrifugal fan low speed, low noise, large wind pressure;
3. the main motor permanent magnet and fan motor permanent magnet double frequency conversion to achieve the ultimate energy saving effect;
4. motor and electrical cabinet independent duct, cooling effect is better;
5. 45°C high temperature design, to ensure the normal operation of the machine at high temperature;
6. lubricating oil and oil maintenance life of 5000h.

● Power savings 32%

We master the core technology of dual system compressor
Energy saving, safe and efficient production guarantee.

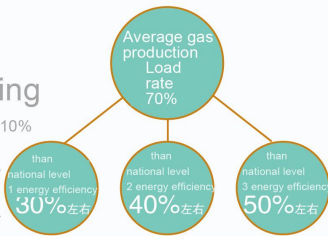


● Guarantee one: energy saving

After authoritative testing, Xinran air compressor is about 10% energy saving than the national level 1 energy efficiency;

About 23% energy saving than the national level 2 energy efficiency;

About 32% energy saving than the national level 3 energy efficiency.



● Guarantee two: safe and reliable

Wet screw compressor, spray cooling, low temperature in the compression chamber, safe and reliable;

When compression is continuous compression work, the outlet pressure is relatively stable;

Forced gas transmission, volume flow is not affected by exhaust pressure, suitable for a variety of jobs, conditions;

Mechanical seal, gas and liquid system and oil system are completely separated to ensure reliable operation of the unit.

Energy-saving Environmental-friendly Safe Reliable
节能 环保 安全 可靠

● Guarantee 3: Low noise

Xinran air compressor, 1 and 2 speed are lower than 2200rpm, running noise is lower;
The vibration of the unit is small, the machine can work smoothly at high speed, and the operation without foundation can be realized.
Xinran screw compressor can be configured with front and rear processing system to make the compressor run more stable, compressed gas cleaner.



● Guarantee 4: Host lifetime warranty

High degree of automation,

non-professionals can achieve unattended operation;

Less wearing parts, reliable operation, long life, low maintenance cost;

Small size, light weight, small footprint.

● Permanent magnet frequency conversion two-stage low voltage parameter table

Type	Power (kW)	Discharge Pressure (bar)	Capacity (m ³ /min)	Starting Method	Outlet Size	Dimension (L × W × H) mm	Weight (kg)	
XRF45-5 II	45	4 ~ 5	11.5	Permanent Magnet Frequency Conversion	DN65	2500 × 1600 × 1740	2300	
XRF55-5 II	55	4 ~ 5	14.7		DN65	2500 × 1600 × 1740	2400	
XRF75-5 II	75	4 ~ 5	19.2		DN80	2850 × 1800 × 1912	3450	
XRF90-5 II	90	4 ~ 5	24.2		DN80	2850 × 1800 × 1912	3500	
XRF110-5 II	110	4 ~ 5	27.2		DN100	3440 × 2000 × 2320	4300	
XRF132-5 II	132	4 ~ 5	32.5		DN100	3440 × 2000 × 2320	4400	
XRF150-5 II	150	4 ~ 5	38		DN125	3720 × 2365 × 2385	7200	
XRF160-5 II	160	4 ~ 5	40.7		DN125	3720 × 2365 × 2385	7250	
XRF185-5 II	185	4 ~ 5	46.9		DN125	3720 × 2365 × 2385	7400	
XRF200-5 II	200	4 ~ 5	50.6		DN125	3720 × 2365 × 2385	7450	
XRF220-5 II	220	4 ~ 5	56.5		High efficiency frequency conversion	DN150	4400 × 2350 × 2430	8600
XRF250-5 II	250	4 ~ 5	65			DN150	4400 × 2350 × 2430	8600



New screw compressors replace older models

The old screw machine generally has the defects of high power, large exhaust pressure and high energy consumption. The new screw main engine has low power and large exhaust volume, which can perfectly replace the old machine. For example, a customer uses 135KW single-stage large-displacement screw machine to replace the old 250KW double-stage screw machine, saving a lot of electricity every year.

Air compressor pipeline control leakage

The average leakage of compressed air in general factories is as high as 20 to 30%, the hose of pneumatic tools, joints, valves, a square millimeter hole, the pressure of 7bar. Next, the loss of almost 4000 yuan a year, so the primary work of energy conservation is to control leakage.

Pressure analysis, pressure drop management

In the case of ensuring normal production, reduce the air compressor exhaust pressure as much as possible, and save energy about 7 to 10% for every 1bar lower pressure. Air compressor gas outlet to gas before use end, the pressure loss does not exceed 10%, i.e. 0.7bar. The pressure drop of the cold and dry filtration section is generally 0.2bar. Check the pressure loss of each pipe section regularly and maintain it in time if any problem is found.

Adopt high efficiency compressor host, high efficiency motor, high efficiency inverter

Permanent magnet motor energy saving more than 10% than the general motor, permanent magnet variable frequency air compressor can achieve constant pressure output, will not cause pressure waste, how much gas with how much gas, do not use. Frequent loading and unloading, energy saving more than 30% than the general air compressor.

Centralized control

Air compressor centralized linkage control can avoid the stop exhaust pressure rise caused by the parameter setting of multiple air compressors, resulting in output air energy waste.

Reduce intake air temperature, do maintenance, cleaning

The internal temperature of the air compressor station is higher than that of the outdoor, which can reduce the energy of outdoor gas production, do a good job of equipment maintenance and cleaning, maintain oil quality, and increase the heat dissipation effect of the air compressor. The role of source loss.

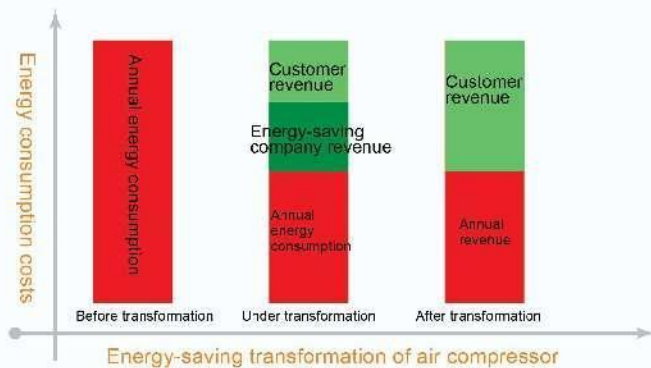
Air compressor waste heat recovery

Air compressor waste heat recovery equipment absorbs the waste heat of air compressor to heat cold water, without additional energy consumption, mainly to solve the problems of life, industrial hot water and so on, for enterprises save a lot of energy.

Xinran -- air compressor energy-saving transformation expert

The country is now vigorously calling for energy conservation and emission reduction, gas energy as the second largest energy after electric energy, its energy saving transformation will become the top priority.

The comparison of energy consumption cost of energy-saving renovation of air compressor is as follows.



客户案例 customer case



Classical case 经典案例

