

WE ARE COMMITTED TO MEETING THE NEEDS OF USERS, AND WE ARE COMMITTED TO THE DEVELOPMENT AND CULTIVATION OF HUMAN RESOURCES


Trusting products are born
It comes from confidence that it will never stop changing
The technology of always leading the world
He is tirelessly pursued
There is also the love of the environment in my heart
Our sincere, eternal unchanged



True is sincere, faithfully pays attention to what the customer needs, and provides faster, more accurate products and services, and the perfect embodiment of Xinran's product "Heart to Heart" concept.

We pay attention to the interests of users and create various opportunities to obtain their greatest satisfaction.
We attach importance to the biggest potential of developing employees and provide them with continuous training, so as to obtain the growth of skills and literacy.
Profit is just a result, not a goal. Pursuing profits is not the only business purpose, but just a factor.
Only to meet the needs of users to the greatest extent can we better improve the benefits and achieve market share growth.



 ISO 9001: 2008 Quality System Certification: The consistent quality has won us the status of the leader and the trust of the customer
ISO 14001 Environmental Management System Certification: Standard business processes are part of our sustainable development part



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双级压缩永磁变频空压机节能50%
Two stage permanent magnet frequency screw air compressor Energy saving 50%



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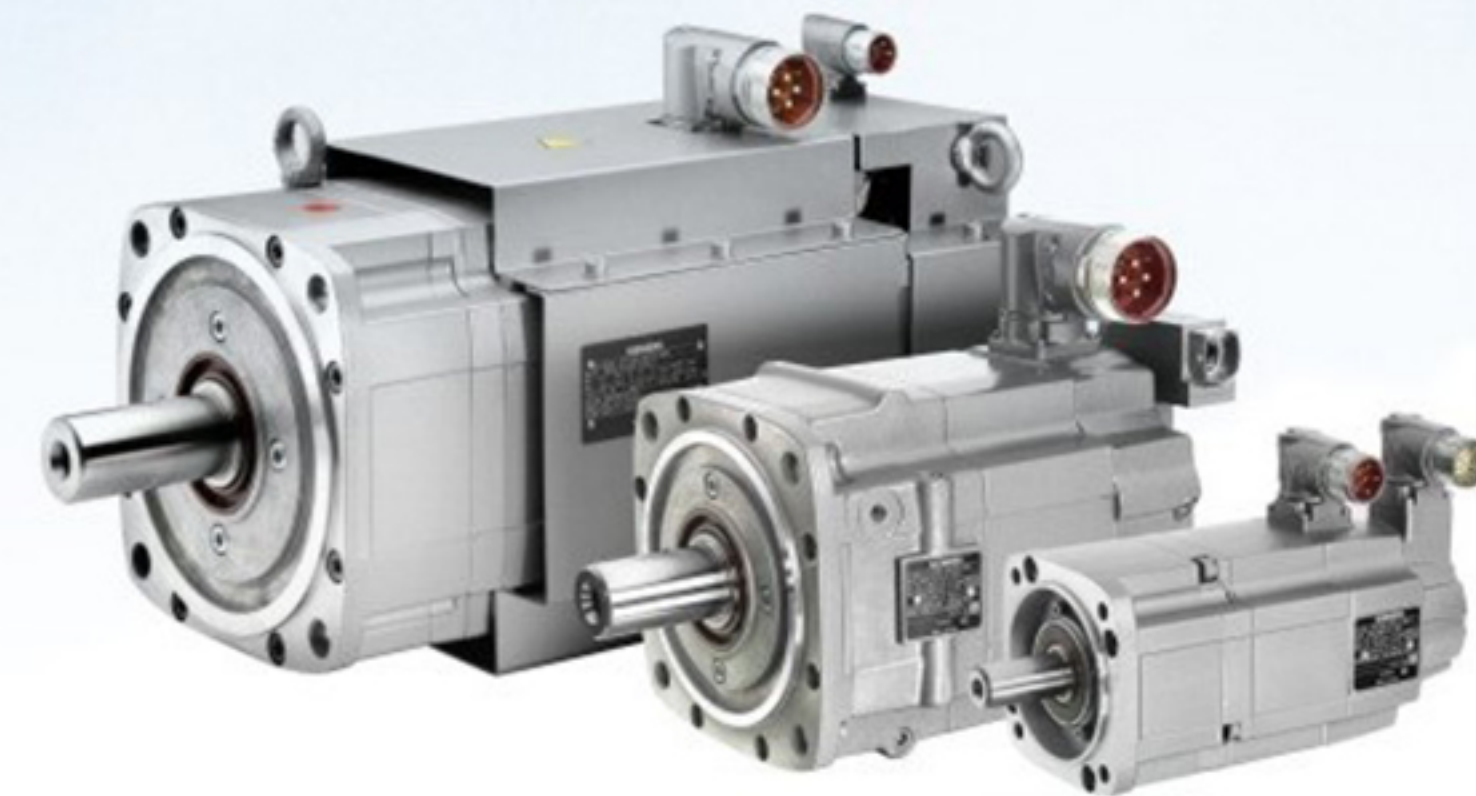
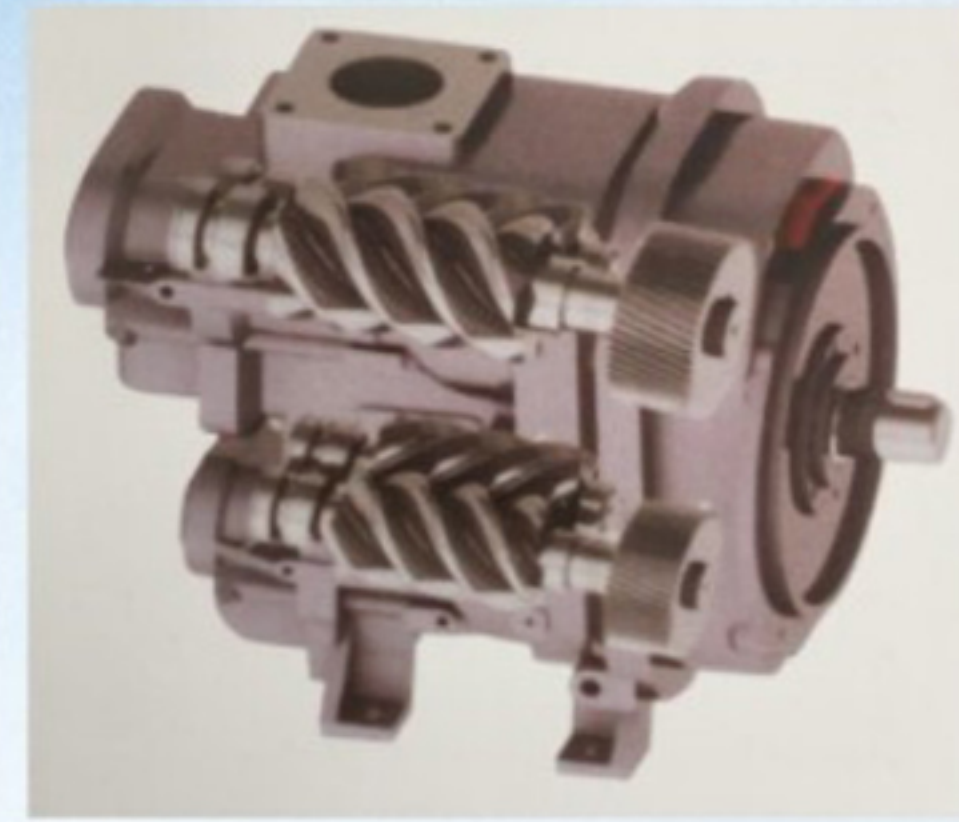
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Double-class permanent magnet variable frequency screw air compressor component diagram

1. Double-level compression integrated host

Using two-level compression host, the first-level compression rotor and secondary compression The rotor combination is in a case, and it is transmitted directly through the oblique gear move. Natural air enters the first level of compression through the air filter, in the compressed cavity Mix with a small amount of lubricating oil, while compressing the mixed gas to the secondary intercordinforce. The compressed gas enters the cooling channel and contacts a large amount of oily mist, from And reduce the temperature. After cooling the compressed gas, enter the second rotor for secondary pressure Shrend up to the final exhaust pressure.



2. High-efficiency and energy-saving permanent magnet motor

Through the magnetic field and magnetic field of the AC voltage with the electronic coil, the rotor motor generated by the rotor is generated. The permanent magnet synchronous motor (PM motor) uses high-efficiency can iron boron permanent magnets, and the magnetic is 120 ° C. The use of high-quality elastic couplet is directly driven. The permanent magnet motor and the compressor host are integrated into one, and the structure is compact to make the transmission accuracy higher. Enter the second rotor for secondary compression and be compressed to the final exhaust pressure.

3. Color touch screen micro computer control system

1. High-resolution, the panel is clearer
2. Advanced micro-computer control drive systems realize intelligent control, automatic adjustment of gas volume control, launching, soft startup;
3. The elimination of current surging and the extension of the service life of the component, which greatly increases the reliability of the system;
4. Intelligent dynamic control, dynamically display the working conditions of each composition of the compressor, real-time intuitive pressure, temperature, and current work curve;
5. Over large memory, large-capacity storage, high-speed ARM processor;

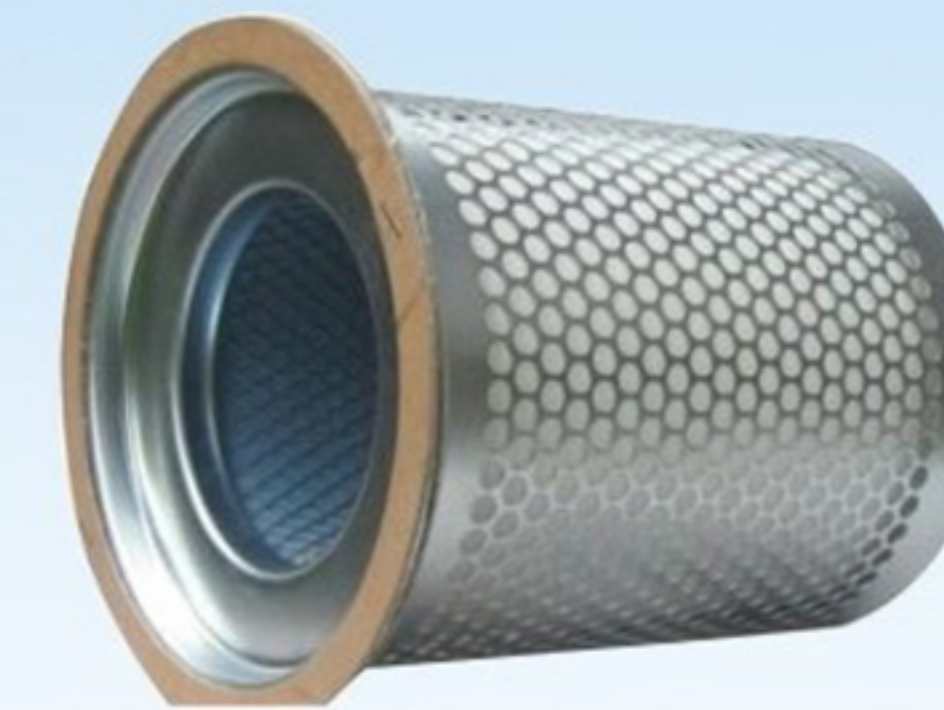


4. Efficient fan frequency conversion control system

The axial-flow cooling fan is controlled by frequency conversion, and the energy saving is about 50%; the speed of control the fan is controlled according to the temperature control to suppress the waste of power. At the same time, because it stabilizes the whole The temperature of the machine, thereby improving the durability of the component, extending the entire machine's life Destiny, and because of changes, reduce work noise.

5. Paper-winged cooler

The radiator adopts high-efficiency plate-wing structure, a large heat exchange area, and the lubricant adopts a dual process. The compressed air is used to adopt a single process. And in the inner wall for anti-corrosion treatment, adapt to worst working conditions, and extend the service life.



6. Oil and gas separator

The oversized waste design, multi-level separation, long service life, oil content control below 3PPM, ensuring high-quality gas sources.

7. High-efficiency vector brand inverter

Well-known brands have re-loaded inverters, strong overload capacity, wide range of voltage range, and still work that can still be stable in the case of unstable voltage. And with soft startup energy saving, power factor compensation energy saving, use more energy saving and consumption reduction ability



8. Air filter

The international brand air filter has high dust capacity and lower flow resistance. It can be filtered to remove the small solid granules in the air. The dust removal effect is 99.5%, which effectively guarantees the stability of the entire unit system.

9. Oil filter

Using high-precision rotor oil filters, reliable filtering of dirt in oil, the size of the oil particles is controlled at 0.1 microns to ensure the smooth and lubrication effect of the oil circuit.



Double -stage compression permanent magnet variable frequency screw air compressor energy consumption comparison table

Shinran dual -stage compression permanent magnet variable frequency screw air pressure machine parameter table

Two-stage permanent magnet frequency screw air compressor compare with Level 3 energy efficiency compressor charts					
Project	unit	Full load		70%负载 70% load	
		Level 3 energy efficiency compressor	Xinran Two-stage permanent magnet frequency screw air compressor	Level 3 energy efficiency compressor	Xinran Two-stage permanent magnet frequency screw air compressor
working hour per year	H	8000	8000	8000	8000
Rate of power	KW*min/m ³	8.4	5.4	10.02	5.4
power consumption per cubic meter	度/m ³	0.14	0.09	0.167	0.09
FAD	m ³ /min	15.2	19.2	15.2	19.2
FAD per year	m ³	7296000			
Power cost	元/度	0.8			
year power cost	万度	102.14	65.66	85.29	45.96
paid power fee	ten thousand rmb	81.72	52.53	68.23	36.77
power fee saving	ten thousand rmb	29.18		31.46	

Note: The above form is based on 90kw/8bar as an example

Xin Ran Two-stage permanent magnet frequency screw air compressor Data sheet							
PROJECT MODEL	Power	(M ³ /min)Free Air Discharge Pressure		Air Outle Pipe Diameter	Weight	Dimension	Straing Method
	KW	M ³ /min /Mpa		inch	Kg	(L*W*H)mm	
XR-15SY	15	2.9/0.7	2.4/1.0	G1"	1000	1500*1000*1300	Frequency frequency / soft enlightenment
		2.8/0.8	2.2/1.3				
XR-18.5SY	18.5	3.85/0.7	2.9/1.0	G1"	1000	1500*1000*1300	
		3.75/0.8	2.5/1.3				
XR-22SY	22	4.26/0.7	3.5/1.0	G1"	1000	1500*1000*1300	
		4.1/0.8	3.2/1.3				
XR-30SY	30	6.4/0.7	4.9/1.0	G1 1/2"	1800	1800*1200*1500	
		6.3/0.8	4.2/1.3				
XR-37SY	37	7.6/0.7	5.8/1.0	G1 1/2"	1800	1800*1200*1500	
		7.0/0.8	5.4/1.3				
XR-45SY	45	9.8/0.7	7.8/1.0	G2"	2500	2300*1500*1600	
		9.7/0.8	6.5/1.3				
XR-55SY	55	12.2/0.7	10.6/1.0	G2"	2500	2300*1500*1600	
		12.0/0.8	8.6/1.3				
XR-75SY	75	16.8/0.7	13/1.0	G2"	2500	2300*1500*1600	
		16.5/0.8	11.2/1.3				
XR-90SY	90	20.8/0.7	17.5/1.0	DN70	3600	2600*1700*1900	
		20.0/0.8	14.0/1.3				
XR-110SY	110	25.5/0.7	20.0/1.0	DN70	3600	2600*1700*1900	
		24.5/0.8	17.0/1.3				
XR-132SY	132	29.5/0.7	23.5/1.0	DN80	4500	2900*1700*2000	
		28.0/0.8	19.5/1.3				
XR-160SY	160	33.5/0.7	28.0/1.0	DN80	4500	2900*1700*2000	
		32.5/0.8	23.0/1.3				
XR-185SY	185	39.5/0.7	32.5/1.0	DN100	6700	3300*2000*2200	
		37.8/0.8	27.5/1.3				
XR-200SY	200	42.5/0.7	38.5/1.0	DN100	6700	3300*2000*2200	
		41.5/0.8	33.0/1.3				
		45.6/0.7	41.5/1.0	DN125	7800	3500*2300*2300	
		45.0/0.8	38.0/1.3				
XR-250SY	250	51.5/0.7	45.0/1.0	DN125	7800	3500*2300*2300	
		50.2/0.8	40.0/1.3				



Choose a faith, choose to be worry-free

Shanghai Xinran Compressor Co., Ltd. belongs to the ASIA-PACIFIC Universal Machinery Share Limited (ASIA-PACIFIC Universal Machinery Share Limited). Technology Group Corporation. The faith compressor is one of the world's largest aircraft manufacturers. The Capital Anti-type air compressor owns a number of patents (Certificate number: 3014875.3014896.3015801.3015468.3013.3014738.2500520, etc.) Professional air compressor design, research and development. Production. Production. Essence Since 1985, as a pioneer and leader in this field, Xinran has developed a very high level for the design and production of the aircraft at that time. At the same time Air pollutant removal equipment, its products include: medium and high pressure piston air compressor. Fixed screw air compressor. Moving screw air compressor screw piston composite compressor. Oil screw-free screw air compressor. Explosion-proof air compressor. Personal compressor Submarine drilling air dryer. Precision filter. Gas storage tanks, pneumatic tools, etc. are widely used in various fields. After the ISO9001 certified production facilities and the most advanced production technology, Xinran has become the world's only compressor production company that can provide a multi-series and full series.

Xin Er Sheng Machinery (Jiangsu) Co., Ltd. was jointly funded by Shanghai Xinran Compressor Co., Ltd., China Energy Industry Group Co., Ltd., and Asia-Pacific General Machinery Co., Ltd.. Compressor Co., Ltd. full series of products, at the same time producing submarine drills, well drilling rigs, etc. Since its establishment in 2008, Xinran Compressor Co., Ltd. has become the largest compressor manufacturer in China after more than ten years. 25,000 units, today's faith, has more than ten years of professional manufacturing experience, world-class automated equipment processing equipment and testing equipment.

XINRAN DUAL-LEVEL COMPRESSION PERMANENT MAGNET VARIABLE FREQUENCY REJECTION SCREW COMPRESSOR SAVES GOOD ELECTRICITY AND MORE MONEY

WORRY-FREE



LOW NOISE

The normal running sound is 65DB, and the lower noise is suitable for more places.



HOST AND COMPONENTS HAVE A LONGER LIFE

1. Two compression reduces each compression ratio, and the load of the bearings and gear is greatly reduced, which increases the life of the bearings and extend the service life of the host;
2. The inverter itself is a soft startup device. The maximum current starts at about twice the rated current. Compared with the start-ups starting current, the starting impact is less than several times.
3. The stator coil adopts a dedicated electrical duplex lacquer line, which has excellent insulation performance and a longer service life.



POWER SAVING



PREVENT LOSS

The pressure sensor detects the exhaust port pressure, transmits the signal to PLC, and PIC controls the output frequency of the inverter according to the pressure of the pressure sensor. When the pressure is high, the frequency is reduced; the pressure hours, the increased frequency makes the pressure always constant. The compressor controls the speed of the permanent magnet motor by the inverter so that a variable frequency closed-loop control system is formed to achieve constant pressure gas supply, more use of more, less use, less use, no use, and use, and to completely eliminate useless power loss. Xinran permanent magnet variable frequency air compressor is 33% to 40% than ordinary ordinary (industrial frequency) air pressure machines.



INCREASE GAS PRODUCTION

Two-level compression uses an equal pressure ratio to set up inter-interst pressure, so the compression ratio of each level is much reduced compared with the single machine compression ratio, the reflux leakage between the rotor is also greatly reduced, and the volume efficiency and thermal insulation efficiency are greatly improved; At the same power, the two-stage compression is 13% to 15% compressed by a single machine, which is equivalent to achieving 13% to 15% of energy conservation.

SAVE MONEY



Take a 75KW ordinary air compressor as an example. The air compressor runs 8,000 hours a year, and the electricity bill is at 0.62 yuan. About 35% of the power of the year and $37.2 \times 35\% = 130,200$ yuan.

Ordinary industrial frequency air compressor



Ordinary inverter air compressor



Permanent magnet variable frequency air compressor



■ Purchase fee ■ Maintenance cost ■ Energy consumption ■ Energy-saving cost

The life cycle of the air compressor, the total cost consists of procurement, maintenance, and energy costs. Among them, energy costs account for a considerable proportion. The permanent magnet variable frequency air compressor is about 35% energy than ordinary industrial frequency. It greatly reduces the energy consumption and saves cost costs. Energy saving costs are becoming more and more significant as the growth rate of usage.

We explore TRUE

- LOWEST**: The minimum speed of the host. The lowest noise decibel division.
- TRUST**: The accumulation of peace of mind forms a high degree of trust.
- CHANGE**: New concept of commodity and sales service system.
- MOST**: The spirit of continuous surpassing.
- ENVIRONMENT**: Take care of your heart.