

AIRMUSEN

2025

AIRMUSEN



Airymusen
Focus On Energy Saving

Guangdong Airymusen
Compressor Technology Co., Ltd.
广东因姆森压缩机科技有限公司
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Guangdong Airymusen Compressor Technology Co., Ltd.
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LUCID WATERS AND LUSH MOUNTAINS ARE INVALUABLE ASSETS.

碧水青山是无价之宝

广东因姆森压缩机科技有限公司，致力于空气压缩机、压缩空气后处理及周边设备的研发、生产和销售，为压缩机用户提供可持续的、节能的压缩空气及干燥净化系统解决方案。我们以“纯净空气·爱护森林·爱护自然”为宗旨，按照高品质和高工艺要求，助力客户实现可持续发展的目标，并在复杂多变的市场中不断突破和自我成长。

公司多年来不断努力发展，现主要生产的产品有无油中高压空压机、有油中高压空压机、中高压螺杆增压空压机、螺杆机、后处理净化设备等，生产各种气体压缩机如空气、氮气、氩气、氦气、氢气、二氧化碳等工艺气体，可根据特定要求，定制各种气体压缩机。

Guangdong Airymusen Compressor Technology Co., Ltd. is committed to the research and development, production, and sales of air compressors, compressed air post-treatments, and other related accessory equipment, providing sustainable and energy-saving compressed air drying and purification system solutions for compressor users. Our mission is to Purify Air, Cherish Forest and Treasure Nature. Under the high quality and fine craftsmanship requirements, we are aiming to assist our customers in achieving their sustainable development goals and empower them to continuously make breakthroughs and gain self-growth in this complex and ever-changing market.

Our company has been striving for development in the past decades, with focuses on products such as Oil-free Medium and High Pressure Air Compressors, Medium and High Pressure Air Compressors, Medium and High Pressure Screw and Piston Booster Air Compressors, Screw Air Compressors, Compressed Air Purification Treatment Systems, etc. Compressors for other sort of gases like Nitrogen, Argon, Helium, Hydrogen, Carbon Dioxide are also among our catalogs. Customized compressor proposals for various gas could be offered based on any specific requirements. Feel free to contact us for your very tailor-made air compressor plans.

使命 **Mission**

致力于节能、环保、发展科技，保护地球

Committed to energy conservation, environmental protection, technology development, and protection of the earth

愿景 **Vision**

成为顶尖的高品质压缩空气解决方案供应商

Become a top high-quality compressed air solution provider



致力于提供高品质的压缩空气解决方案

COMMITTED TO PROVIDING HIGH QUALITY COMPRESSED AIR SOLUTIONS

价值观 **Values**

务实、担当、拼搏、协作

Pragmatic, responsible, hard-working, and collaborative

HELPS EFFICIENT PRODUCTION IN
A VARIETY OF APPLICATIONS
助力多种应用高效生产

AIRMUSEN



食品及饮料行业

无油空气压缩机的高温压缩环境，可以减少压缩空气中微生物的含量。并且整个压缩过程都不会带来任何油，大大降低了食品及饮料成品在生产工艺流程中被污染的风险。

FOOD AND BEVERAGE INDUSTRY

The high temperature compression environment of the oil-free air compressor can reduce the amount of microorganisms in the compressed air. And the entire compression process does not bring any oil, greatly reducing the risk of contamination of food and beverage products in the production process.



化工行业

对于化工行业的应用来说，从生产工艺的第一步到半成品以及最终的产品成型，每一个环节都必须使用高纯度的压缩空气，AIRMUSEN凭借业界领先的技术为全球的纺织行业用户提供最纯净的无油系统解决方案。

CHEMICAL INDUSTRY

For the chemical industry, from the first step of the production process to the semi-finished product and the final product molding, high-purity compressed air must be used in every step to minimize the risk of production stoppage.



纺织行业

高科技的喷气织机需要绝对干净、干燥且百分之百无油的压缩空气，AIRMUSEN凭借业界领先的技术为全球的纺织行业用户提供最纯净的无油系统解决方案。

TEXTILE INDUSTRY

High-tech air jet looms require absolutely clean, dry and 100% oil-free compressed air. AIRMUSEN provides the purest oil-free system solutions to the world's textile industry users with industry-leading technology.



电力行业

压缩空气的品质是非常重要的，且容不得半点疏忽。因此，当压缩空气应用于电力系统的仪表时，绝大多数的设计师都会选用无油空压机。

POWER INDUSTRY

The quality of the compressed air is very important and cannot be neglected. Therefore, when compressed air is applied to the instrument of the power system, most designers will choose an oil-free air compressor.



电子行业

高品质的压缩空气对于电子行业来说是至关重要的-任何含水或油的压缩空气都可能导致生产停机时间的增加和废品率的上升。

ELECTRONICS INDUSTRY

High quality compressed air is critical to the electronics industry any water or oil compressed air can cause increased production downtime and increased scrap rates.



制药行业

要求严格的制药行业需要其整个生产工艺中使用百分之百的无油压缩空气。压缩空气品质的高低是GMP认证中的重要一环。

PHARMACEUTICAL INDUSTRY

The demanding pharmaceutical industry requires 100% oil-free compressed air throughout its production process. The quality of compressed air is an important part of GMP certification.

变频一体式压缩机

ALL IN ONE VSD
SCREW AIR COMPRESSOR

因姆森公司的产品为了能更大程度地延长设备的正常运行时间，同时让用户可以随时安全地对空压机运行参数进行管理，因姆森空压机内部的数据发送至数据云平台，客户可通过便携电脑、平板电脑或智能手机进行访问，让您随时了解机器运转情况。我们提供数据分析，客户可以针对具体的运营需求，根据自己的需求进行调整。

In order to extend the normal operation time of the equipment to a greater extent and allow users to safely manage the operating parameters of the air compressor at any time, the internal data of the air compressor is sent to the data cloud platform, which can be accessed by customers through laptops, tablets or smart phones, allowing you to keep track of the machine's operation at any time. We provide data analysis so that customers can make adjustments based on their specific operational needs.

全新五合一设计占地面积小
智能化的控制系统让用户使用更便捷
标准化的装配工艺让用户维护更简单
压力: 8 bar~15.5 bar
排气量: 0.7~10 m³/min
可以承接非标定制各种压力段的空压机

New five in one design , less floor space
Intelligent control system, more convenient for users
Standard assembly craft, easier to do maintenance
Pressure: 8 bar~15.5 bar
Flow rate: 0.7~10 m³/min
We can undertake customized non-standard air compressors for various pressure ranges

技术参数
Technical Parameters

Models 型号	Flow rate 额定压力排气量 (m ³ /min) (rated pressure: 0.8Mpa)	Flow rate 额定压力排气量 (m ³ /min) (rated pressure: 1.0Mpa)	Power 功率 (kw)	Noise 噪音 dB(A)	Outlet size 排气口 尺寸	Weight 重量 (kg)
EM07TV	1.03	0.91	7.5	60±3	Rc3/4	330
EM11TV	1.52	1.35	11	60±3	Rc3/4	480
EM15TV	2.4	2.1	15	60±3	Rc3/4	550
EM22TV	3.6	3.0	22	65±3	Rc1	780

注: 具体参数请咨询因姆森公司。
Note: Pls contact with Airymusen company for more details.

变频一级式压缩机

ALL IN ONE VSD
STAGE AIR COMPRESSOR

因姆森是专业生产永磁变频空压机的制造商，专注于螺杆空气压缩机的研发与生产，为用户持续提供高品质、节能、可靠的压缩空气。

永磁电机与主机采用内嵌式一体轴结构，更加紧凑，传动效率100%。没有电机轴承：带有永磁体的转子直接安装在阳转子的伸出轴上。这种结构无需轴承，从而消除了电机轴承故障点。

Airymusen is a professional manufacturer of permanent magnet variable frequency air compressors, focusing on the research and production of screw air compressors, providing users with high-quality, energy-saving, reliable and stable compressed air continuously.

The permanent magnet motor and the host adopt an embedded integrated shaft structure, which is more compact and has a transmission efficiency of 100%. No motor bearings: The rotor with permanent magnets is directly installed on the protruding shaft of the male rotor. This structure does not require bearings, thus eliminating the fault points of motor bearings.



通过对传统空气压缩机布置方式的变革，因姆森空压机为整个行业带来了全新方案。不同于其他分体设计，浪费空间，采用卧式或者立式设计的因姆森公司的EM 系列占地面积更小，更大程度地节约了场地空间，且维护简单。

Through the transformation of the traditional layout of air compressors, Airy whole-unit variable frequency air compressors have brought a new solution to the entire industry. Unlike other split designs that waste space, the EM series from Airy whole-unit variable frequency air compressors, which adopts a horizontal or vertical design, occupies a smaller area, saves more space to a greater extent, and is easy to maintain.



技术参数 Technical Parameters

Models 型号	Flow rate 额定压力排气量 (m³/min) (rated pressure: 0.8Mpa)	Flow rate 额定压力排气量 (m³/min) (rated pressure: 1.0Mpa)	Power 功率 (kw)	Noise 噪音 dB(A)	Outlet size 排气口 尺寸	Weight 重量 (kg)
EM05V	0.7	0.6	5.5	55±3	Rc1/2	350
EM07V	1.2	1.0	7.5	55±3	Rc1/2	350
EM11V	16	1.2	11	55±3	Rc1/2	450
EM15V	2.4	2.2	15	55±3	Rc3/4	450
EM22V	3.6	3.0	22	55±3	Rc1	650
EM30V	5.0	4.5	30	60±3	Rc1-1/2	700
EM37V	6.8	6.0	37	60±3	Rc1-1/2	850
EM45V	7.5	7.0	45	60±3	Rc2	1100
EM55V	10.3	8.8	55	65±3	Rc2	1200
EM75V	12.5	11	75	65±3	Rc2	1500

注：具体参数请咨询因姆森公司。

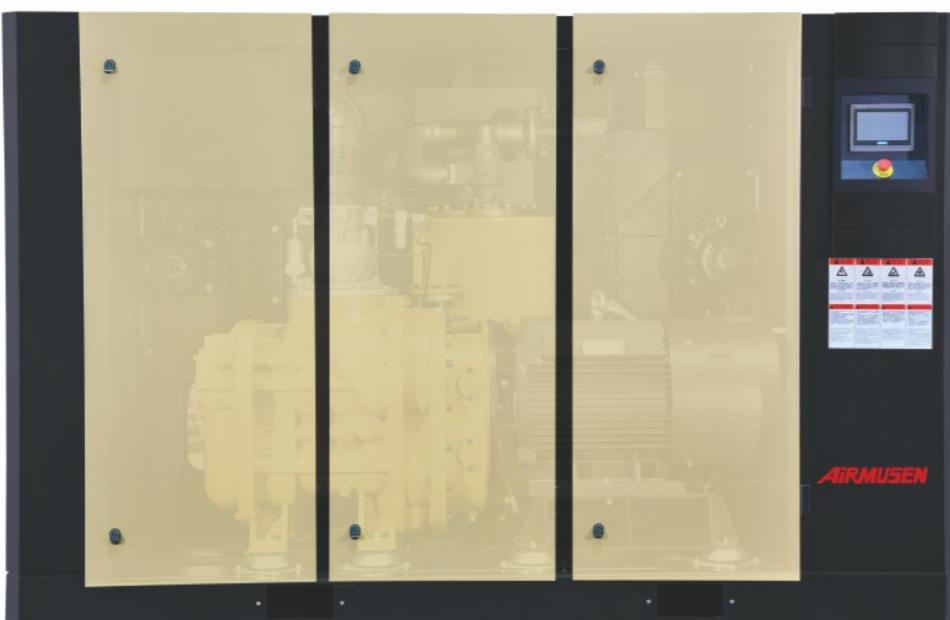
Note: Pls contact with Airy whole-unit variable frequency air compressors company for more details.

两级压缩永磁变频螺杆空气压缩机

TWO STAGE PERMANENT MAGNET FREQUENCY VARIABLE SCREW AIR COMPRESSOR

空压机能耗在您公司的能源成本中占了很大的比重。我们的工程师和设计专家采用先进的计算机模拟技术优化了主机，使其效率明显提升。此外，主机拥有驰名业内的产气量，运行噪音更低，使用寿命更长更可靠：多重优势助您公司更节能。

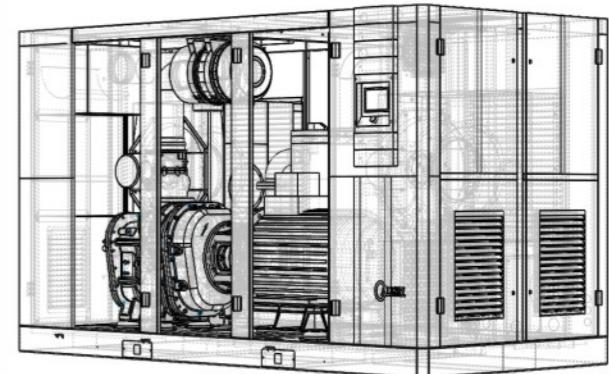
Air compressor energy consumption accounts for a large part of your company's energy costs. Our engineers and design experts have optimized the host using advanced computer simulation technology, making it significantly more efficient. In addition, the main unit has a renowned gas production capacity, lower operating noise, longer and more reliable service life: multiple advantages to help your company save more energy.



机组采用模块一体化集成设计，结构简单，安装方便，减少管道压损，减少易损件，系统采用智能变频控制器，机器运行时自动做全方位性能检测为机器运行保驾护航。
低运行成本，低能耗，低维护成本，节约能源。

The unit adopts a modular integrated design, which is simple in structure, easy to install, reduces pipeline pressure loss, and minimizes vulnerable parts. The system adopts an intelligent variable frequency controller, and the machine automatically performs comprehensive performance testing during operation to ensure the smooth operation of the machine.

Low operating costs, low energy consumption, low maintenance costs, and energy conservation.



技术参数 Technical Parameters

Models 型号	Flow rate 额定压力排气量 (m³/min) (rated pressure: 0.8Mpa)	Flow rate 额定压力排气量 (m³/min) (rated pressure: 1.0Mpa)	Power 功率 (kw)	Noise 噪音 dB(A)	Outlet size 排气口 尺寸	Weight 重量 (kg)
EM15S	3.0	2.8	15	65±3	G3/4	800
EM22S	4.0	3.8	22	65±3	G1	920
EM37S	7.0	6.18	37	65±3	G1-1/2	1560
EM45D	9.0	7.5	45	68±3	G1-1/2	1600
EM55D	12	10.5	55	70±3	DN65	2100
EM75D	15.3	13	75	75±3	DN65	2200
EM90D	19.0	17.0	90	70±3	DN80	3500
EM110D	22	20.0	110	75±3	DN80	3600
EM132D	25	23.8	132	75±3	DN80	3880
EM160D	31	28.0	160	75±3	DN80	3900
EM185D	36	32.8	185	80±3	DN80	4000
EM200D	40	36	200	75±3	DN125	7300
EM220D	43	41	220	75±3	DN125	7500
EM250D	49	48	250	75±3	DN125	7600

S代表水平二级压缩 S represents horizontal second level compression
D代表上下二级压缩 D represents upper and lower level compression

注：具体参数请咨询因姆森公司。
Note: Pls contact with Airymusen company for more details.

EMC系列两级压缩螺杆空压机(永磁变频)

EMC SERIES TWO STAGE COMPRESSION SCREW AIR COMPRESSOR (PM-VSD)

保障选用节能回报最高的机组相比标准螺杆机，因姆森两级压缩机能够提供更多气量、更大气量调节范围达到高效率。

居行业翘楚的稳定性，已不仅仅是稳定更是效率的体现，即使在恶劣的工况下也能运行的强劲动力。

Ensure the selection of units with the highest energy-saving returns compared to standard screw machines, as the Musen two-stage compressor can provide more air volume and a larger range of air volume regulation to achieve high efficiency.

The stability of being a leader in the industry is not only a reflection of stability, but also of efficiency, and it can operate strongly and powerful even under harsh working conditions.

当您现在使用的压缩机排气压力波动范围大时，还希望能够将系统的运行费用降到最低，那么只是选用一台可靠、高效的空气压缩机是无法满足您的节能需求，因姆森两级压缩空压机可以使您如愿以偿。因姆森两级压缩空压机节能效果显著，先进的系统控制器为您带来稳定的系统压力，降低系统能耗、延长部件寿命、以及提高您的生产效率。



When the discharge pressure fluctuation range of the compressor you are currently using is large, and you still want to minimize the operating costs of the system, simply choosing a reliable and efficient air compressor cannot meet your energy-saving needs. Airymusen two-stage compression air compressor can make you achieve what you want. The Airymusen two-stage compression air compressor has significant energy-saving effects. The advanced system controller brings you stable system pressure, reduces system energy consumption, extends component life, and improves your production efficiency.

技术参数 Technical Parameters

Models 型号	Flow rate 额定压力排气量 (rated pressure: 0.8Mpa) (m ³ /min)	Flow rate 额定压力排气量 (rated pressure: 1.0Mpa) (m ³ /min)	Power 功率 (kw)	Noise 噪音 dB(A)	Outlet size 排气口尺寸	Weight 重量 (kg)
EM37DV	7.3	6.18	37	65±3	G1-1/2	1560
EM45DV	9.8	6.96	45	68±3	G1-1/2	1600
EM55DV	13	10.5	55	70±3	DN65	2100
EM75DV	16.5	14.0	75	75±3	DN65	2200
EM90DV	20	17.0	90	70±3	DN80	3500
EM110DV	23.8	20.0	110	75±3	DN80	3600
EM132DV	27	23.8	132	75±3	DN80	3880
EM160DV	32.5	28.0	160	75±3	DN80	3900
EM185DV	39	32.8	185	80±3	DN80	4000
EM200DV	42	36.5	200	75±3	DN125	7300
EM220DV	45	41.9	220	75±3	DN125	7500
EM250DV	54	48.6	250	75±3	DN125	7600

注: 具体参数请咨询因姆森公司。

Note: Pls contact with Airymusen company for more details.

低压螺杆空压机

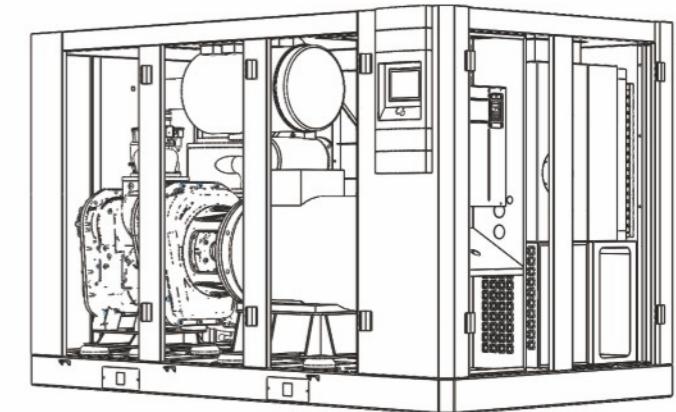
LOW PRESSURE SCREW AIR COMPRESSOR

采用大转子、低转速保证机器高性能；加大油气分离设备，保证出口含油量<2ppm；低压螺杆空压机气源清洁，减少了清洗加弹机喷嘴的次数，提高了产品的质量；油冷却器散热面积加大30%以上，确保夏天正常运行，不超温。

Adopting a large rotor and low speed to ensure high performance of the machine; Increase the oil and gas separation equipment to ensure that the oil content at the outlet is less than 2ppm; Low pressure screw air compressor air source cleaning reduces the frequency of cleaning the nozzle of the loading machine and improves product quality; The heat dissipation area of the oil cooler is increased by more than 30% to ensure normal operation in summer without overheating.

独立设计主机内部压比，优化输入比功率；
智能控制系统，根据客户使用情况自动调节排气量(变频机型)；
内置物联网模块，随时随地通过移动终端掌握空压机的运行状况（用户自选）。

Independently design the internal pressure ratio of the host and optimize the input power ratio;
Intelligent control system, automatically adjusts exhaust volume according to customer usage (variable frequency model);
Built in IoT module, allowing users to monitor the operation status of the air compressor anytime, anywhere through a mobile terminal (user selectable).



技术参数 Technical Parameters

Models 型号	Flow rate 额定压力排气量 (rated pressure: 0.3Mpa) (m³/min)	Power 功率 (kw)	Noise 噪音 dB(A)	Outlet size 排气口 尺寸	Weight 重量 (kg)
EM55L	16.00	55	83±3	Dn100	3000
EM75L	21.50	75	85±3	Dn100	4300
EM90L	28.00	90	80±3	Dn125	4900
EM110L	33.50	110	82±3	Dn125	5100
EM132L	40.00	132	85±3	Dn150	6900
EM160L	50.00	160	80±3	Dn150	7100
EM185L	58.00	185	83±3	Dn150	7500
EM200L	62.50	200	79±3	Dn200	8600
EM220L	70.00	220	85±3	Dn200	8800
EM250L	82.00	250	82±3	Dn200	9500
EM315L	95.00	315	85±3	Dn250	11000

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