

EMUSEN

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EMUSEN



广东爱木森压缩机科技有限公司  
Guangdong EMUSEN Compressor Technology Co., Ltd.

EMUSEN Focus On Energy Saving  
[www.airmuse.com](http://www.airmuse.com)

## Helps efficient production in a variety of applications

### 助力多种应用高效生产



#### 食品及饮料行业 Food and beverage industry

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。

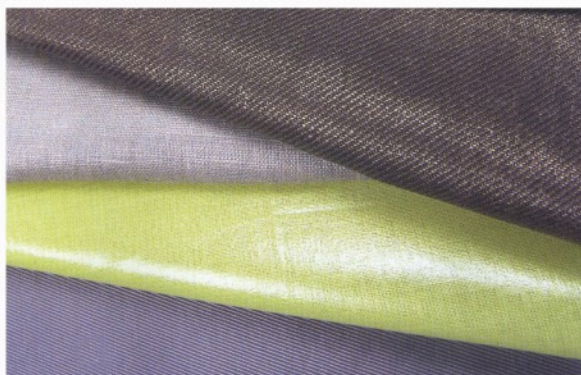
The high temperature compression environment of the oil-free air compressor can reduce the amount of microorganisms in the compressed air. And the entire compression process does not bring any oil, greatly reducing the risk of contamination of food and beverage products in the production process.



#### 化工行业 Chemical Industry

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，将停产风险降到最低。

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 Textile industry

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，EMUSEN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。

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



#### 电力行业 Power Industry

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。

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 Electronics industry

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。

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 Pharmaceutical Industry

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。

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.

# All in one fixed speed screw aircompressor

## 工频一体式压缩机



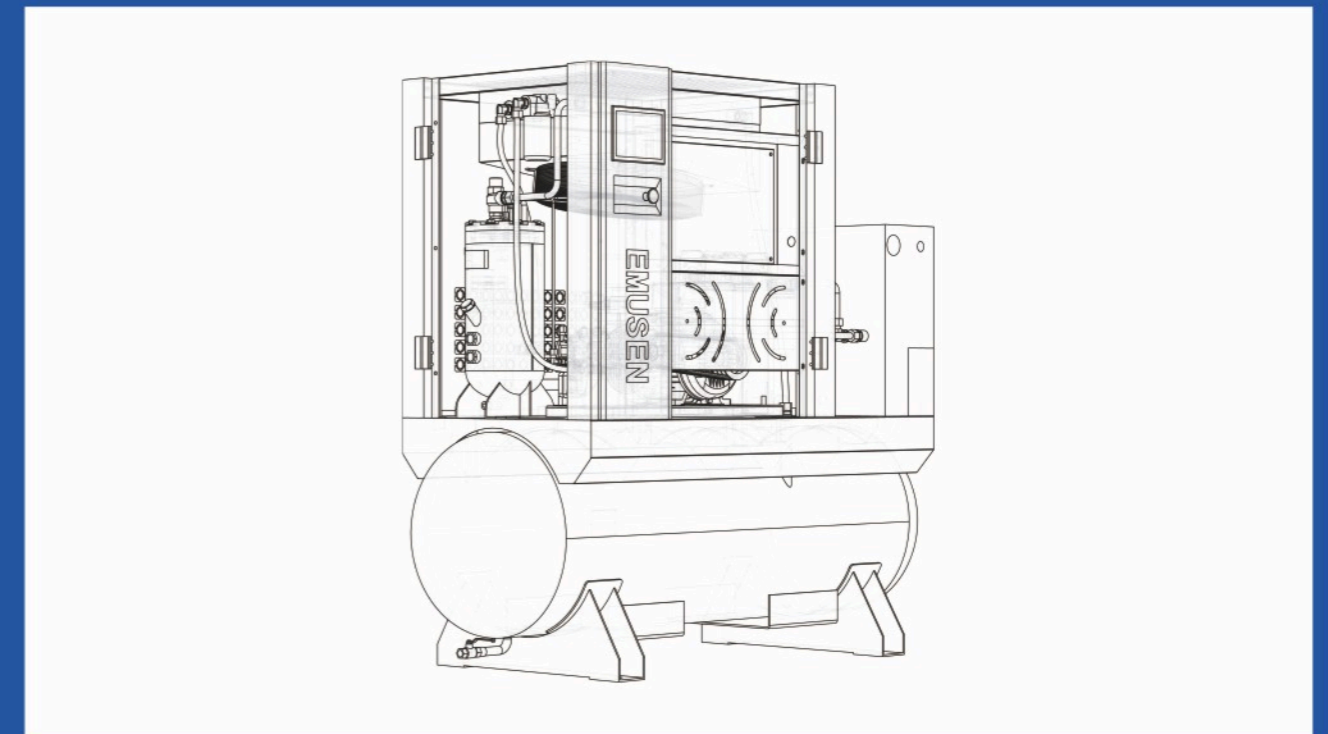
EMUSEN空气压缩机从设计上确保较低的系统温度及较低的压缩空气温度，使得所有部件获得绝佳的冷却效果，运转寿命最大化。保证您工厂在提高生产力的同时，将成本降到最低水平。

The EMUSEN air compressor is designed to ensure low system temperatures and low compressed air temperatures, resulting in excellent cooling of all components and maximum operating life. Keep your plant to the lowest level while increasing productivity.

### 精巧 Ingenious

优美的全新设计，占地面积更小  
PLC控制标准供货，干燥机一体设计  
标配更多功能，同时减少不必要的零部件和可选项人体工程学设计，提高了使用舒适度

Beautiful new design with less floor space  
PLC control standard, integrated with air dryer  
Standard with more functions, while reduce unnecessary parts and options ergonomic design, which improve the comfort of use



### 技术参数 Technical Parameters

型号	额定压力排气量 (m <sup>3</sup> /min) (rated press: 0.8Mpa)	额定压力排气量 (m <sup>3</sup> /min) (rated press: 1.0Mpa)	功率 (kw)	噪音 dB(A)	排气口 尺寸	重量 (kg)
EM7	1.03	0.91	7.5	60±3	Rc3/4	330
EM11	1.52	1.35	11	60±3	Rc3/4	480
EM15	2.4	2.1	15	60±3	Rc3/4	550

注：具体参数请咨询EMUSEN公司。

# All in one VSD screw aircompressor

## 变频一体式压缩机



EMUSEN是专业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、可靠稳定的压缩空气。

永磁电机与压缩机主机采用内嵌式一体轴直连结构，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。

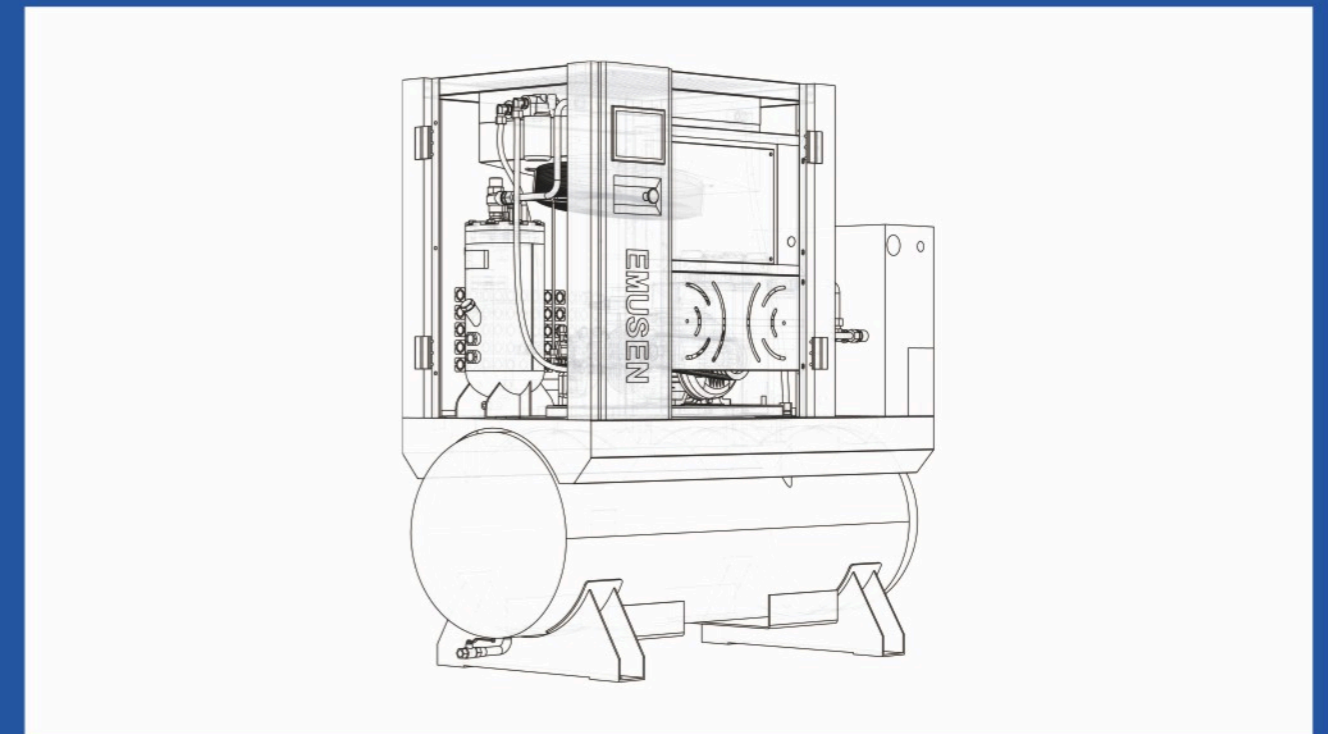
EMUSEN is a professional manufacturer of permanent magnet variable frequency air compressors, focusing on the development and production of screw air compressors, providing users with continuous high quality, energy saving, reliable and stable compressed air.

The permanent magnet motor and the compressor main unit adopt an in-line integrated shaft direct connection structure, which is more compact and has a transmission efficiency of 100%. No motor bearing: The rotor with permanent magnets is mounted directly on the extension shaft of the male rotor. This structure eliminates the need for bearings, eliminating motor bearing failure points.

## 创新 Innovation

通过对传统空气压缩机布置方式的变革，爱木森压缩机为整个行业带来了全新变革。不同于其他分体设计，浪费空间，采用卧式设计的EM系列占地面积更小，更大程度地节约了场地和工作空间，且维护简单。

By changing the layout of traditional air compressors, EMUSEN compressors have brought changes to the whole industry. Unlike other waste space split designs, the EM series adopts a horizontal design with a smaller floor space and longer range to save space and work space and it is simple in maintain.



## 技术参数 Technical Parameters

型号	额定压力排气量 (m <sup>3</sup> /min) (rated press: 0.6-0.8Mpa)	额定压力排气量 (m <sup>3</sup> /min) (rated press: 0.8-1.0Mpa)	功率 (kw)	噪音 dB(A)	排气口 尺寸	重量 (kg)
EM11V	1.52	1.35	11	60±3	Rc3/4	480
EM15V	2.4	2.1	15	60±3	Rc3/4	550
EM22V	3.6	3.1	22	60±3	Rc1	800

注：具体参数请咨询EMUSEN公司。

# Integrated air compressor

## 集成式压缩机



EMUSEN是专业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、可靠稳定的压缩空气。

永磁电机与压缩机主机采用内嵌式一体轴直连结构，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。

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卓越的一体式压缩空气解决方案

省钱又保护环境

避免了系统腐蚀和泄漏的风险，安全处置未经处理的冷凝水。

换热器板换式设计，压降更低

降低运行费用

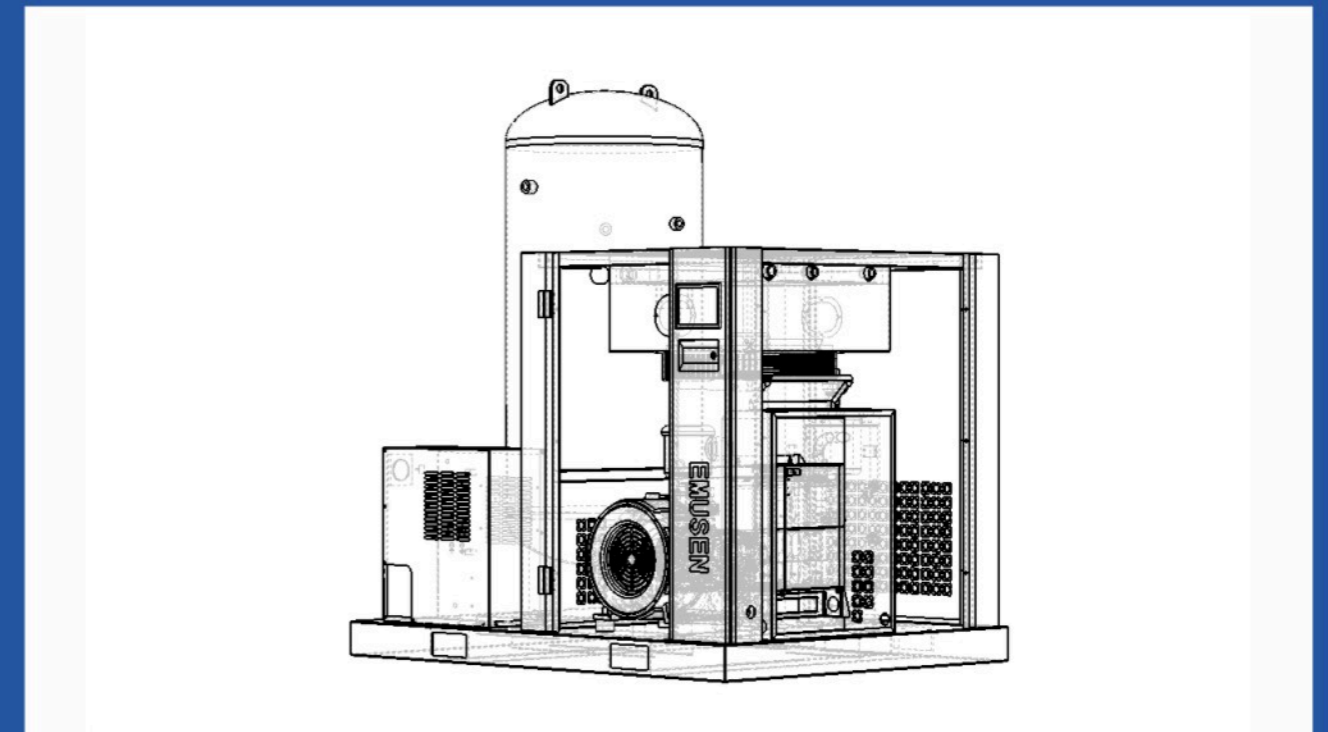
Excellent integrated air solutions

Saving money and protecting the environment

Avoiding the risk of system corrosion and leakage, and safely disposing of untreated condensed water.

Heat exchanger plate change type design, lower pressure drop

Reducing operating costs



### 技术参数 Technical Parameters

型号	额定压力排气量 (m <sup>3</sup> /min) (rated press: 0.6-0.8Mpa)	额定压力排气量 (m <sup>3</sup> /min) (rated press: 0.8-1.0Mpa)	功率 (kw)	噪音 dB(A)	排气口 尺寸	重量 (kg)
EM15V-P	3.3-2.75	2.75-2.61	15	55±3	Rc3/4	450
EM22V-P	4.38-3.65	3.65-3.50	22	55±3	Rc1	650
EM30V-P	6.24-5.20	5.20-4.15	30	60±3	Rc1-1/2	700
EM37V-P	7.80-6.50	6.50-5.91	37	60±3	Rc1-1/2	850
EM45V-P	9.30-7.75	7.75-7.08	45	60±3	Rc2	1100
EM55V-P	12.7-10.6	10.6-9.50	55	65±3	Rc2	1200
EM75V-P	16.1-13.4	13.4-11.6	75	65±3	Rc2	1500

注：具体参数请咨询EMUSEN公司。

# Permanent magnet variable frequency screw air compressor

## 永磁变频螺杆空气压缩机



压缩机的电机通常是整个工厂设备中负荷最大的电机，如果你的生产需要压缩空气那就不得不依靠高质量、高精度电机，当其它电机因负荷不能正常运转时，为EMUSEN直联机特别坚固设计的电机仍能正常运行，而且设备的电机维修保养和其它电机一样容易。

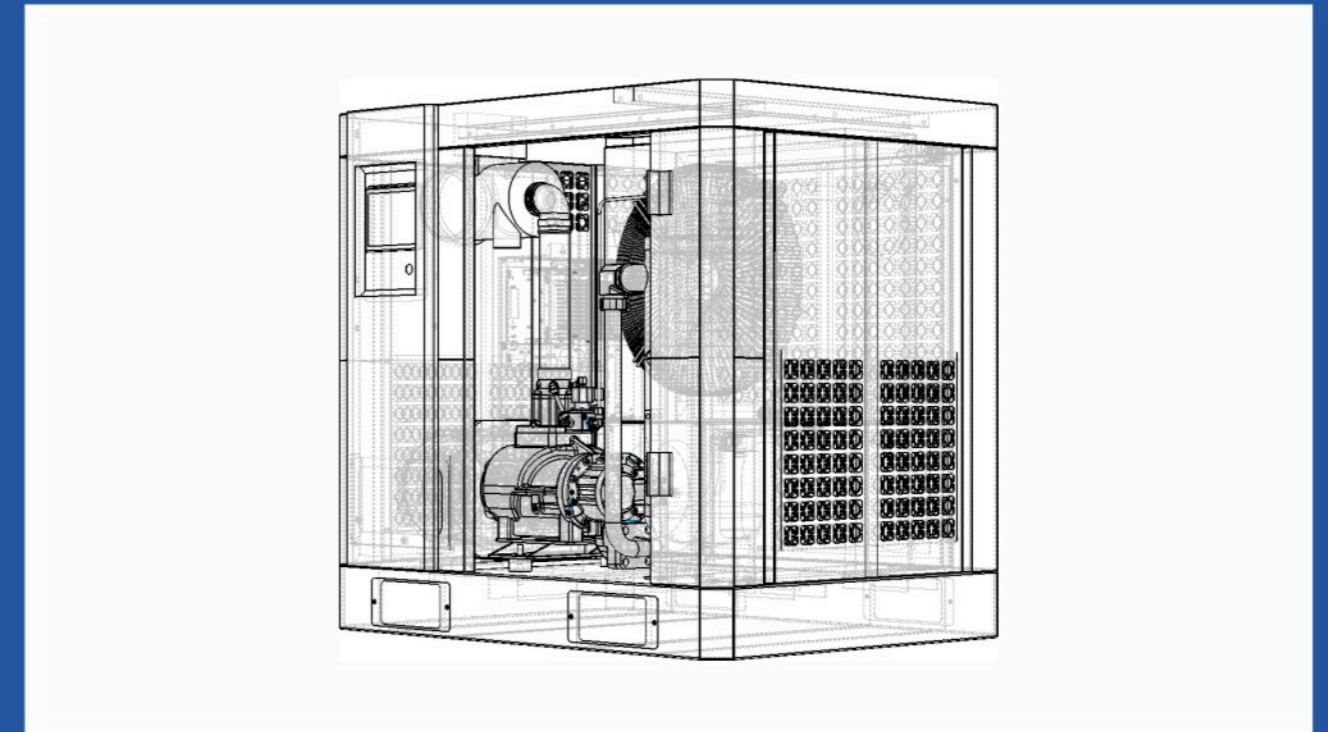
The motor of the compressor is usually the most loaded motor in the entire plant. If your production requires compressed air, you have to rely on high-quality, high-precision motors. When other motors fail to work properly due to load, they are particularly strong for EMUSEN direct connection. The designed motor is still operating normally, and the motor maintenance of the device is as easy as other motors.

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，减少易损件等优点，系统采用A系列智能变频控制器控制，机器运行时自动做全方位性能检测为机器运行提供保驾护航。

低运行成本，低能耗，低维护成本，低无功消耗，节约能源。

Adopt integrated design, the compressor is with the advantages of simple structure, easy to install, less pipe pressure loss, less wearing parts. The system is with A series intelligent controller, which can all-round detect the compressor performance to escort the safety operation.

Low running cost, low energy consumption, low maintenance cost, low unloading consumption, save energy.



### 技术参数 Technical Parameters

型号	额定压力排气量 (m <sup>3</sup> /min) (rated press: 0.6-0.8Mpa)	额定压力排气量 (m <sup>3</sup> /min) (rated press: 0.8-1.0Mpa)	功率 (kw)	噪音 dB(A)	排气口 尺寸	重量 (kg)
EM05V	1.0-0.8	0.8-0.6	5.5	55±3	Rc1/2	350
EM07V	1.5-1.2	1.2-0.9	7.5	55±3	Rc1/2	350
EM11V	2.0-1.6	1.6-1.2	11	55±3	Rc1/2	450
EM15V	3.3-2.75	2.75-2.61	15	55±3	Rc3/4	450
EM22V	4.38-3.65	3.65-3.50	22	55±3	Rc1	650
EM30V	6.24-5.20	5.20-4.15	30	60±3	Rc1-1/2	700
EM37V	7.80-6.50	6.50-5.91	37	60±3	Rc1-1/2	850
EM45V	9.30-7.75	7.75-7.08	45	60±3	Rc2	1100
EM55V	12.7-10.6	10.6-9.50	55	65±3	Rc2	1200
EM75V	16.1-13.4	13.4-11.6	75	65±3	Rc2	1500

注: 具体参数请咨询EMUSEN公司。

## Energy efficient compressor (Power frequency)

### 节能高效压缩机(工频)

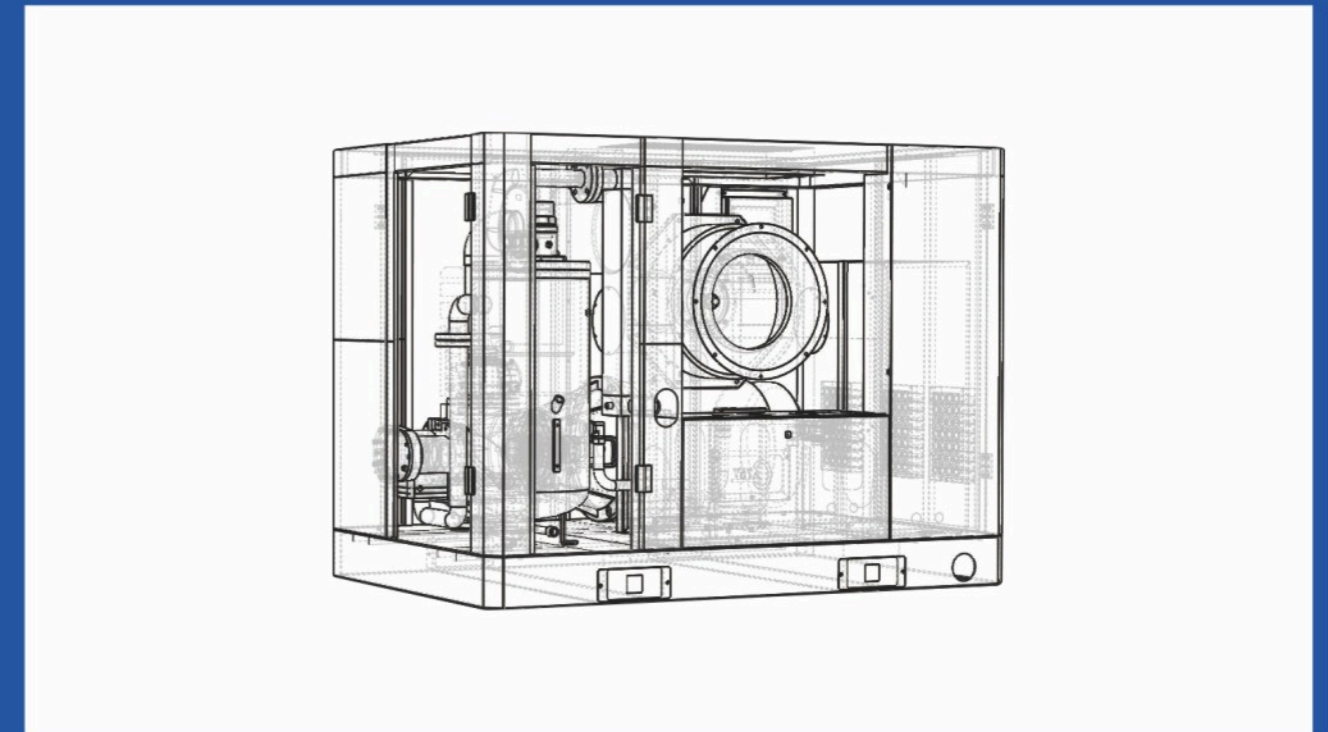


EMUSEN压缩机为您提供低运行成本、寿命长、低噪音、高效空气压缩系统

EMUSEN compressors provide you with low operating costs, long life, low noise, high efficiency air compression systems

压缩机的电机通常是整个工厂设备中负荷最大的电机，如果你的生产需要压缩空气那就不得不依靠高质量、高精度电机，当其它电机因负荷不能正常运转时，为EMUSEN直联机特别坚固设计的电机仍能正常运行，而且设备的电机维修保养和其它电机一样容易。

The motor of the compressor is usually the most loaded motor in the entire plant. If your production requires compressed air, you have to rely on high-quality, high-precision motors. When other motors fail to work properly due to load, they are particularly strong for EMUSEN direct connection. The designed motor is still operating normally, and the motor maintenance of the device is as easy as other motors.



#### 技术参数 Technical Parameters

型号	额定压力排气量 (m <sup>3</sup> /min) (rated press: 0.8Mpa)	额定压力排气量 (m <sup>3</sup> /min) (rated press: 1.0Mpa)	功率 (kw)	噪音 dB(A)	排气口 尺寸	重量 (kg)
EM30	5.4	4.8	30	69±3	Rc1.5	900
EM37	6.5	6.0	37	72±3	Rc1.5	1200
EM45	7.7	6.9	45	72±3	Rc1.5	1400
EM55	9.4	8.3	55	72±3	Rc2	1800
EM75	13.0	11.0	75	75±3	Rc2.5	2100
EM90	15.6	14.0	90	75±3	Rc2.5	2300
EM110	19.6	17.5	110	75±3	Rc2.5	2650
EM132	22.8	20.0	132	75±3	Rc2.5	2850
EM160	26.6	25.0	160	75±5	DN65	3250
EM200	32.6	27.4	200	75±5	DN80	4186
EM250	41.5	35.5	250	75±5	DN100	4306

注: 具体参数请咨询EMUSEN公司。

## Two-stage compression screw air compressor

### 两级压缩螺杆空压机（永磁变频）



保障选用节能回报最高的机组

相比标准螺杆机，EMUSEN两级压缩机能够提供最多气量、最大气量调节范围和最高效率

Guarantee the unit with the highest energy saving return

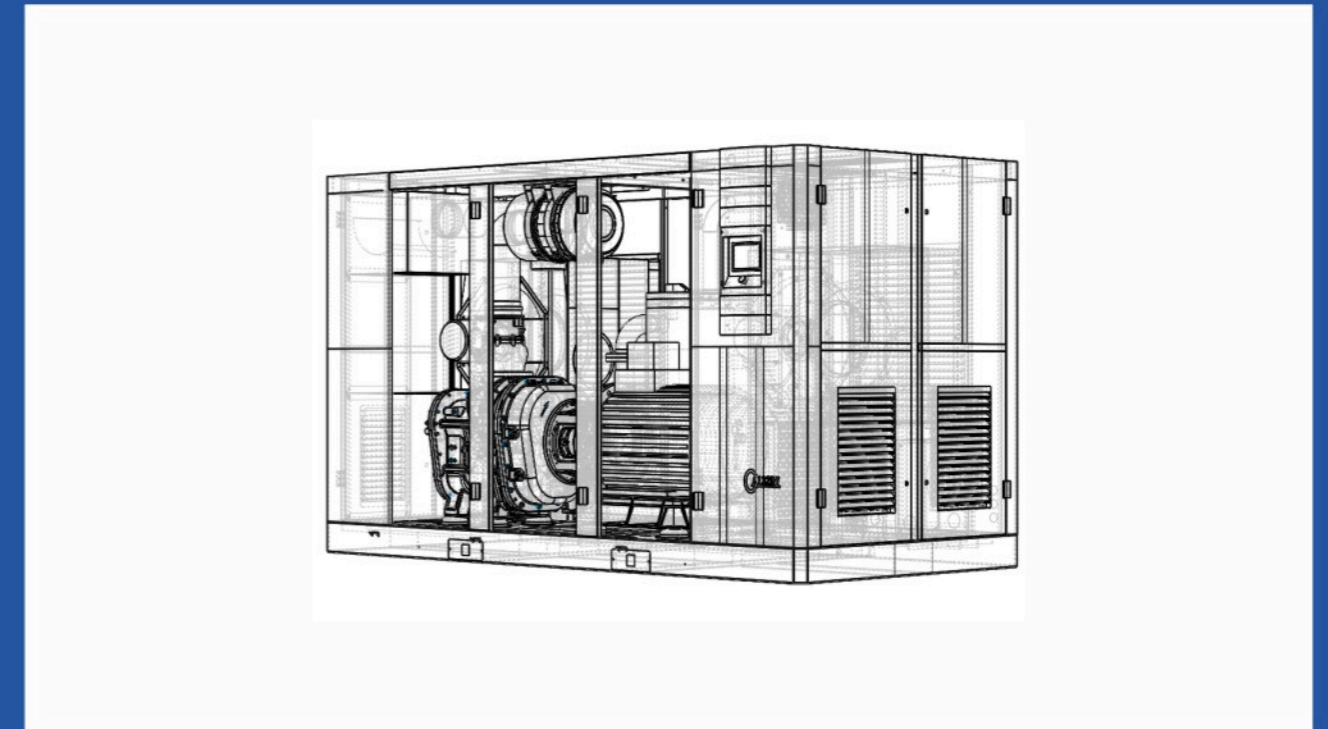
EMUSEN two-stage compressor provides the most gas volume, maximum gas volume adjustment range and maximum efficiency compared to standard screw machines

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耐力

The stability of the industry leader is not only stable, but also the embodiment of efficiency, even in the harsh conditions can run strong endurance

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，EMUSEN两级压缩空压机可以使您如愿以偿。EMUSEN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 you are using a large range of compressor discharge pressure fluctuations, but also want to be able to minimize the operating costs of the system, then just choose a reliable, efficient air compressor can not meet your energy-saving needs, EMUSEN two-level Compressed air compressors can get you what you want. The EMUSEN two-stage compression air compressor delivers significant energy savings. Advanced system controllers bring you stable system pressure, reduce system energy consumption, extend component life, and increase your productivity.



#### 技术参数 Technical Parameters

型号	额定压力排气量 (m <sup>3</sup> /min) (rated press: 0.6-0.8Mpa)	额定压力排气量 (m <sup>3</sup> /min) (rated press: 0.8-1.0Mpa)	功率 (kw)	噪音 dB(A)	排气口 尺寸	重量 (kg)
EM37DV	3.00-7.05	3.00-6.18	37	65±3	G1-1/2	1560
EM45DV	3.50-9.78	3.50-6.96	45	68±3	G1-1/2	1600
EM55DV	4.00-11.9	4.00-10.5	55	70±3	DN65	2100
EM75DV	5.00-16.0	5.00-14.0	75	75±3	DN65	2200
EM90DV	8.00-19.0	8.00-17.0	90	70±3	DN80	3500
EM110DV	9.00-23.8	9.00-20.0	110	75±3	DN80	3600
EM132DV	11.0-27.0	11.0-23.8	132	75±3	DN80	3880
EM160DV	13.0-32.5	13.0-28.0	160	75±3	DN80	3900
EM185DV	15.0-39.1	15.0-32.8	185	80±3	DN80	4000
EM200DV	20.0-41.0	20.0-36.5	200	75±3	DN125	7300
EM220DV	22.0-46.5	22.0-41.9	220	75±3	DN125	7500
EM250DV	25.0-50.8	25.0-48.6	250	75±3	DN125	7600

注: 具体参数请咨询EMUSEN公司。