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版本号: SH90SAM-C220A



股票代码: 7002158

www.hanbell.com.cn

## 品质典范 Quality Paradigm

节能环保, 高效安全  
Energy saving, High efficiency, Safety

## SAM系列

### 无油式空气压缩机

### SAM Series Oil-free Scroll Compressor

自行设计  
上海汉钟精机有限公司对产品不断改进, 保留设计变更权; 如有变更, 恕不另行通知。

成就非凡。Extraordinary Achievement.

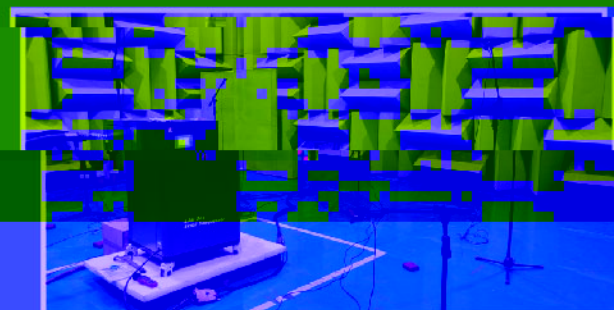
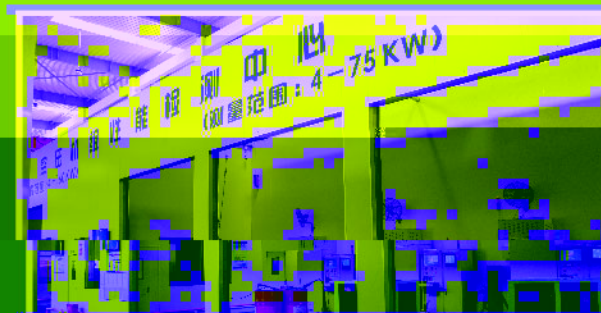
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# 汉钟 HANBELL

“品质、环境、安全政策”

“Quality, Eco-friendly, Safety”

- 品质挂帅，物超所值  
Excellent quality, reasonable price
- 顾客满意，安全高效  
Customer satisfaction, Safety and efficiency
- 节能减排，生态环境  
Energy-saving, eco-friendly
- 遵纪守法，不断改善  
Observe law, keep improving



## 目录 CATALOG

- 01 汉钟精机简介  
About Us
- 03 无油涡旋式压缩机原理  
Working Principle
- 04 无油涡旋机组设计特点  
Design Features
- 05 无油涡旋机组技术参数表  
Technical Specifications
- 06 应用领域  
Application
- 07 销售、服务网络  
Sales And Service Network



## 汉钟精机简介

上海汉钟精机股份有限公司 是专业的螺杆式压缩机及相关产品制造工厂，在空压、冷冻冷藏、压缩空气、真空系统、机械等领域建立中国自主高精科技，不断创新。

汉钟拥有专业的设计研发人才，推陈出新不断创造新的产品服务业界。训练有素的生产团队，可以及时满足客户提出的相关规格要求；具有多年经验的服务人员，使客户无后顾之忧。

历经多年淬炼，汉钟在业界树立了良好的口碑，成为行业标杆，产品远销全球，与不同行业合作，品牌 HANBELL 开拓海外市场。

高精密设备、自动化仓储、AGV、完整测试实验室与有效率的物流管理，加上品质、环境安全管理系统的有效运行，保证了汉钟“品质挂帅、物超所值”的方针承诺。汉钟系列产品每年都以高成长率创造适合各个领域的应用，秉持诚信、创新、卓越的经营理念。

上海汉钟将立足中国，放眼世界，不断提供优质的系列产品与服务。深耕

## About Hanbell

As a professional manufacturer of screw compressor and related products, Shanghai Hanbell Precise Machinery Co., Ltd. has established China's independent high-precision technology in the fields of air conditioning, refrigeration, compressed air, vacuum system, pump and so on.

Hanbell has professional technical teams to create new products constantly. Well-trained production teams can meet various requirements of customers. Experienced service staff can solve customer problems in time.

After years of development, Hanbell has gained a certain reputation in this industry. As a manufacturer, Hanbell has continuously worked hard to develop the domestic market and expand overseas markets with its own brand.

High precision equipment, automated warehousing, AGV, complete test laboratory and efficient logistics management, together with the effective operation of quality, environmental and safety management systems, ensure Hanbell's commitment to "excellent quality, value for money".

Hanbell products are created with high growth rate every year, creating products suitable for various fields. We adhere to the concept of integrity, innovation and excellence.

Shanghai Hanbell will focus on China and look at the world, continuously providing high-quality products and services. We will focus on

### 无油涡旋式空气压缩机原理

## Working Principle

Discharge: The fixed scroll is fixed on the frame, while the driving scroll is driven by the eccentric shaft, and restricted by the anti-rotation mechanism to make a small radius movement around the center of the fixed scroll. As the driving scroll rotates, the gas is gradually compressed in the compression chamber, and is finally discharged through the discharge valve. The discharge valve is the central part of the fixed scroll.

### 无油涡旋机组设计特点

## Design Features

1. 采用进口W型涡旋压缩机，无油吹扫，达到100%无油标准。

2. 采用变频调速运行，节能降耗，噪音更低。

3. 几乎无磨损件，使用寿命长，维护成本低。

4. 可实现智能多机联控，循环启动/停止控制，怠速运行降低电力消耗。



SAM系列无油涡旋空压机技术参数表

Technical Specifications

型号 Model	电机功率 Motor Power (kW)	排气压力 Discharge Pressure (bar)	容积流量 Capacity FAD (L/min)	出口尺寸 Outlet size (inch)	噪音 Noise dB(A)	机组净重 Net weight (kg)	机组外形尺寸 Dimensions (L*W*H)mm
SAM-04A	3.7	8	410	G 1/2"	65	210	700*650*920
		10	355				
SAM-06A	5.5	8	610	G 3/4"	65	250	730*650*1020
SAM-08A	3.7*2	8	820	G 3/4"	65	450	1350*818*1100
		10	1220				
SAM-11A	5.5*2	8	1220	G 1"	62	500	1350*818*1100
SAM-13A	3.7*4	8	1640	G 1"	67	600	1500*818*1400
		10	1420				
SAM-16A	5.5*3	8	1830	G 1"	66	600	1500*818*1400
SAM-22A	5.5*4	8	2440	G 1-1/4"	67	750	1500*818*1800

1、SAM-04/06A可选配内置不锈钢储气罐，容积：15L；

SAM-04/06A can be optionally equipped with a built-in stainless steel gas storage tank, with a capacity of 15L;

2、噪音值为满负载时，在无回声室内距机组正面1.5m处测得值。根据实际运行工况的不同，或受周围环境噪音以及实际设置状态的影响，所测数值将略有偏差。

The noise value is tested when the unit is at full load, and it is measured at a distance of 1.5m from the front of the unit in the anechoic room. The measured values may deviate slightly depending on the actual operating conditions, or due to the influence of ambient noise and actual setting status.

3、上述技术参数依据ISO1217，吸气温度：20℃；相对湿度：60%；吸气压力：0.1MPa。

The above technical parameters measured according to ISO1217, Air inlet temperature: 20℃; Relative humidity: 60%; Inlet pressure: 0.1MPa.

4、额定电压为380V，三相，50Hz，若有需求其他规格，请接洽汉钟销售人员。

Standard voltage 380V, three-phase, 50 Hz. If you need other specifications, please contact Hanbell sales staff.

5、若有其他功率机型之需求，请接洽汉钟销售人员。

If you need other power models, please contact Hanbell sales staff.

6、本公司持有所有相关之设计修改权利，最终解释权以实际为准。

machine entity

应用领域

Application



汽车喷涂(车辆喷漆)/新能源汽车(制动、雨刷气路)  
4S shop (car spray painting), new energy car (brake, wiper air line),



医疗器械(牙医、制氧等医疗气源)  
Medical instruments (dental, oxygen and other medical sources)



电子工业(装配清洁气路)  
Electronics industry (assembly, cleaning, gas)



制药工业(制药业的搅拌)  
Pharmaceutical industry (agitation of pharmaceutical industry)



食品工业(酿造业的搅拌).....  
Food industry (agitation of brewing industry)



纺织工业(喷气织机)  
Textile industry (air-jet looms)



气体分离设备(吸附和膜分离制氧、制氮)  
Gas separation equipment (adsorption and membrane separation of oxygen, nitrogen)

based on the



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银川分公司  
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兴塔厂 Xingtai Factory  
桃园厂 Taoyuan Factory

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xi'an office

上海总部  
Shanghai HQ

汉钟压缩机股份有限公司  
HANBELL COMPRESSOR CO., LTD.

常州分公司

上海枫泾厂 Vietnam factory  
台湾桃园厂 Taiwan Taoyuan Factory  
台湾台中厂 Taiwan Taichung Factory  
上海兴塔厂 Shanghai Xingtai Factory  
上海汉生铸造厂 Hansheng Casting factory  
汉阳厂 Hanyang Factory

分公司 Branch



Asia: Japan Korea Malaysia Thailand Singapore Indonesia  
Kuwait Arabia  
Europe: Britain France Germany Italy Greece Spain Turkey  
America: America Mexico Venezuela Chile Argentina Brazil  
others: Egypt South Africa Madagascar Australia New Zealand