

上海汉钟精机股份有限公司(枫泾厂),
上海市金山区枫泾镇亭枫公路8289号
Shanghai Hanbell Precise Machinery CO.,Ltd.
Add: No.8289, Tingfeng Road, Fengjing Area, Jinshan District, Shanghai
Tel: 021-57350280
Fax: 021-31106889/57352004

上海汉钟精机股份有限公司(兴塔厂),
上海市金山区枫泾镇建贡路108号
Shanghai Hanbell Precise Machinery CO.,Ltd.
Add: No.108, Jiangong Road, Fengjing Area, Jinshan District, Shanghai
TEL: 021-57350280
FAX: 021-31106805

台湾汉钟精机股份有限公司(桃园厂)
桃园市观音区工业三路五号

台灣漢鐘精機股份有限公司
TEL: 03 - 4836215、04 - 23501886

台灣漢鐘精機股份有限公司
www.hanbell.com.tw
www.hanbell.com.cn

台灣漢鐘精機股份有限公司
www.hanbell.com.tw
www.hanbell.com.cn

台灣漢鐘精機股份有限公司
www.hanbell.com.tw
www.hanbell.com.cn

台灣漢鐘精機股份有限公司
www.hanbell.com.tw
www.hanbell.com.cn



www.hanbell.com.cn



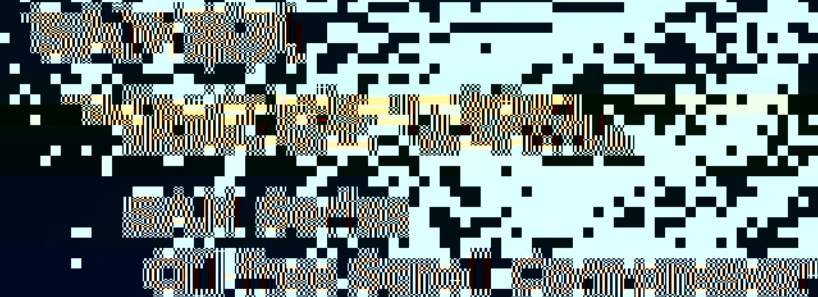
股票代码: 7002158

www.hanbell.com.cn

品质典范 Quality Paradigm

节能环保 高效安全

Energy saving | High efficiency | Safety



www.hanbell.com.cn

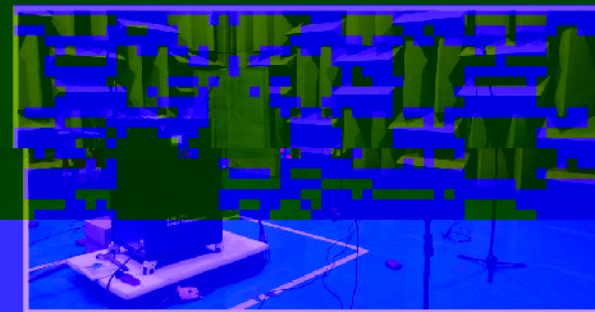
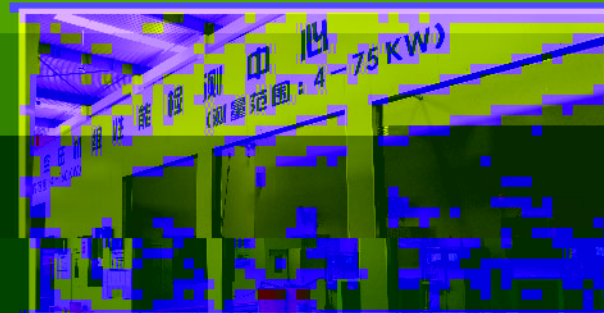
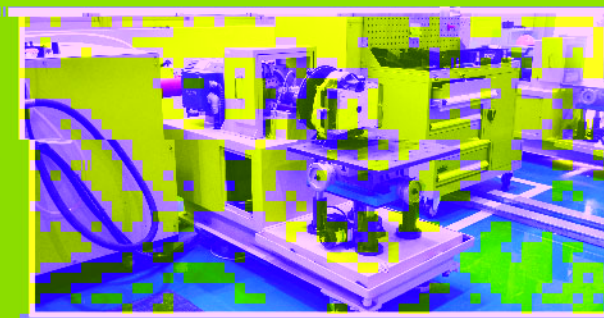
www.hanbell.com.cn

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。在空调、冷链冷藏、压缩空气、真空包装、领域为建立中国自主高精尖技术不断前进。

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，汉钟在本行业已具有一定的知名度，为成为世界知名厂家不断努力，深耕国内市场，并不断以自有品牌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，保证了汉钟产品品质。物流所创造的节约承诺，汉钟系列产品每年都以高速增长创造着令人惊叹的一面。秉持诚信、创新、共赢的经营理念，汉钟将继续立足中国工业领域，不断提升产品质量与服务，深耕流体机械行业。

企业荣誉



About Hanbell

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

Hanbell has professional technical teams to create new products constantly, well-trained production teams to meet various requirements, and experienced service teams to make customers satisfied.

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

High precision equipment, automated warehouse, AGV, complete test laboratory and efficient logistics management, plus quality, environment and safety management system's effective operation, guaranteed Hanbell products' excellent quality. The cost reduction commitment created by the logistics has created a surprising page with high growth rate every year, adhering to the business concept of credit, innovation and win-win cooperation. Hanbell will continue to provide high-quality series of products and services, deeply cultivate the fluid machinery industry.

无油涡旋式压缩机原理

Working Principle

无油涡旋式压缩机采用静涡盘和动涡盘相互啮合完成压缩。动涡盘由偏心轴驱动并由防自转机构制约围绕静盘基圆中心作很小半径的平周转动。气体由静涡卷盘的外围通过滤清器自由“吸入”，随着偏心轴旋转，气体在动静涡卷盘齿谷所组成的若干对月牙形压缩室被逐渐压缩，然后由静涡卷盘中心部位连续排出。

The scroll air end by orbiting scroll and fixed scroll inter winding each other completes the process of suction, compression and discharge. The fixed scroll is driven by the eccentric shaft and restricted by the anti-rotation mechanism to make a small radius orbiting around the center of the fixed scroll. The gas is gradually compressed in the crescent-shaped compression chamber being composed of the fixed and orbiting scrolls and then discharged by the central part.



低噪音
Low noise



小体积
Small footprint



低振动
Low vibration



绿色环保
Environmental friendly



低运行成本
Low operating cost



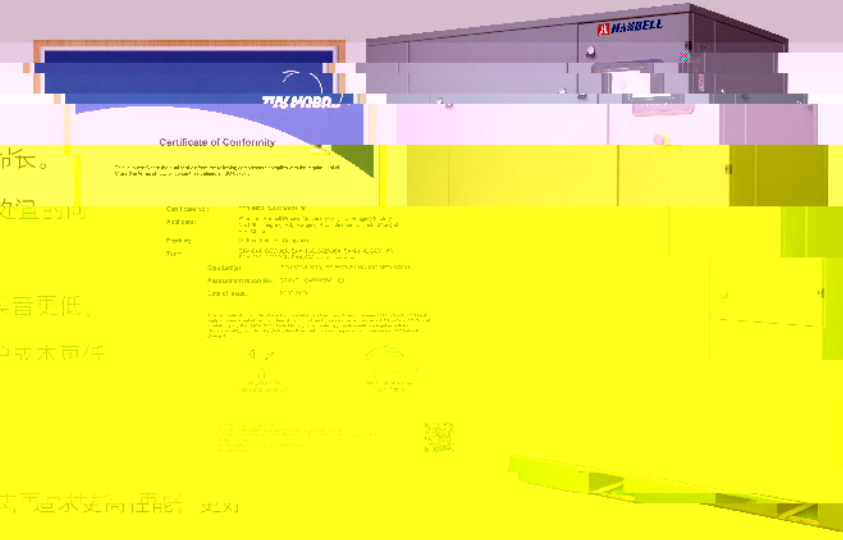
高可靠性
High reliability

无油涡旋式设计特点

Design Features

1. SAM系列取得TUV Class 0无油认证证书。
2. 无油系统杜绝油、碳的污染，更清洁。
3. 运动部件少，结构简单，可靠性高，使用寿命长。
4. 无需更换润滑油及更换过滤器，节能环保效益的目的。
5. 工作时动静涡盘不接触，振动小，噪音更低。
6. 几乎没有磨损件，维护工作量小，维护成本更低。
7. 可实现多台压缩机智能联控，启动/停止控制，达到最优运行。
8. 搭载自主研发的压缩机，性能优异，追求更高性能，更好使用体验。

1. Obtain TUV Class 0 oil-free certification for SAM series
2. No oil and carbon pollution in the system
3. Less moving parts, simple structure, high reliability, long service life
4. No need to replace the oil and oil filters, no waste disposal problems, more environmental friendly
5. No contact of the fixed scroll and orbiting scroll in operation to achieve small vibration and low noise
6. Almost no wearing parts, less maintenance work, lower maintenance costs
7. Can achieve intelligent multi-machine chain, cycle start / stop control, to achieve optimal operation
8. Equipped with self-developed air end to achieve higher performance and better user experience



模块化彩色液晶显示器，配备高性能微机电显示运行的状态和各种故障预警。操作简便易学，使用寿命长。

The modular color LCD panel displays high-performance microcomputer will display the status of the com

汉钟SAM系列无油涡旋空气压缩机技术参数表

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				
		8	410	G 1/2"	55	200	700*650*920
SAM-06A	5.5	8	610	G 3/4"	65	250	730*650*1020
				G 1/2"	58	300	718*718*1080
SAM-08A	3.7*2	8	820	G 3/4"	65	450	1350*818*1100
	10	720					
SAM-11A	5.5*2	8	1220	G 1"	62	500	1350*818*1100
SAM-13A	5.5*4	8	1640	G 1"	67	600	1700*818*1800
		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、噪音值测试角为45度，在正声压室空跑时距机器正面1.5米处测得值。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、除标准电压为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 50Hz. 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专利及价格解释权，最终参数以实际为准。

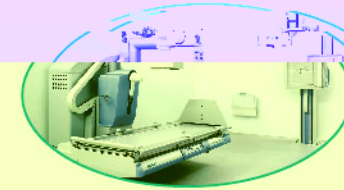
The company holds the right to design and modify all specifications, and the final specifications are based on the machine entity.

应用领域

Application



汽车涂装线用气/新能源汽车(制动/打气)气
4S shop (car spray painting)/new energy car (brake/air)



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



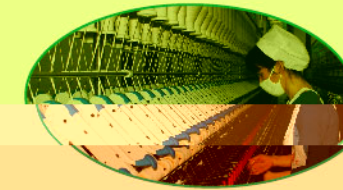
电子工业(装配清洁用气)
Electronics industry (assembly, cleaning, gas)



制药工业(制药业的搅拌)
Pharmaceutical industry (stirring in pharmaceutical industry)



食品工业(酿造业的搅拌)
Food industry (stirring in 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 and nitrogen)

