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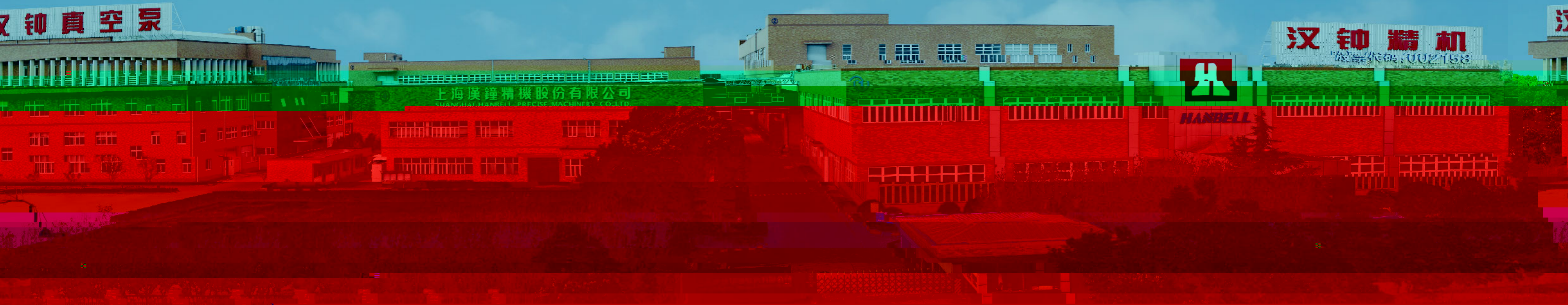
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ASF/ASL系列

涡旋式空气压缩机



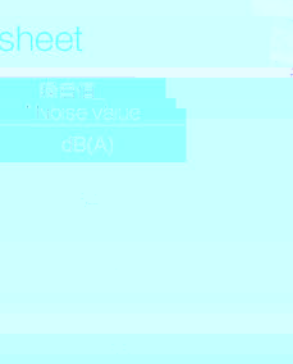
汉钟·上海



智能制造

“工业4.0”、“智能制造”已是制造业发展的大趋势。汉钟作为流...  
...终将在技术发展的驱动下，汉钟将进一步提...  
...高了汉钟的智能化水平，降低能耗，提高生产效率，节能环保，成...  
...就无污染的绿色智能工厂。

Intelligent manufacturing

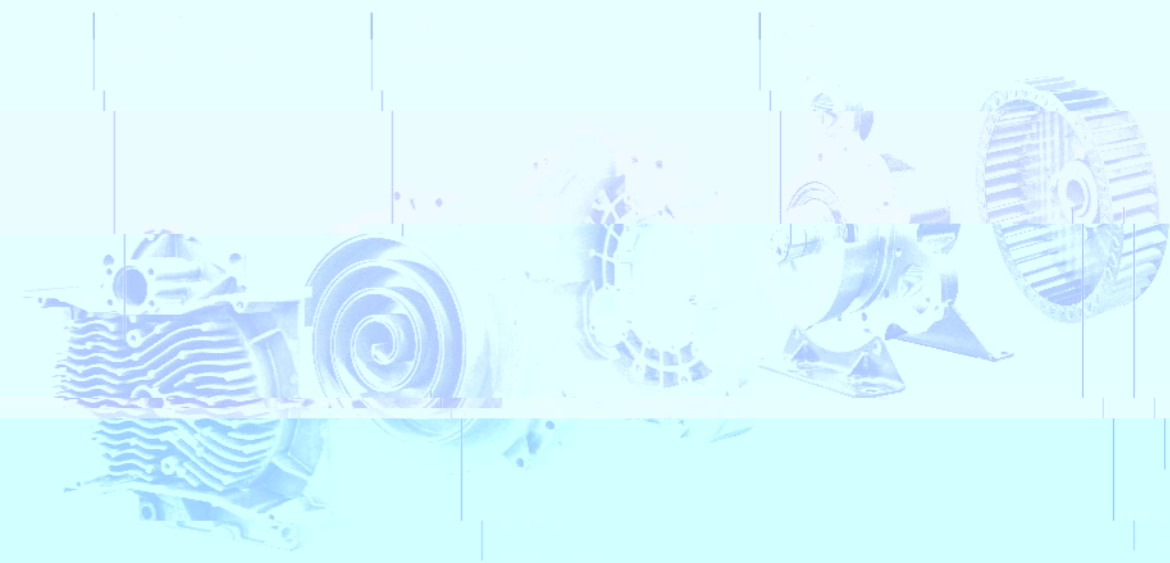


▶ 无油涡旋式压缩机原理

Principle of oil-free scroll compressor

汉钟涡旋压缩机采用专利型线的动静涡盘相互啮合而成完成吸气、压缩和排气的工作过程。其中静盘固定在机架上不动，动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年转动。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，气体在动静涡盘齿合所组成的若干对月牙形压缩室中被逐渐压缩，然后由静涡卷盘中心部位连续排出。

Hanzhong Scroll Compressor uses a patented line of static and dynamic scrolls to complete the work of suction, compression and exhaust. Wherein the static disk is fixed on the frame and the movable plate is driven by the eccentric shaft and is controlled by the anti-rotation mechanism for the turning of the small radius around the base circle center of the static scroll. The gas is finally sucked through the periphery of the vortex reel through the filter. As the eccentric shaft rotates, the gas is gradually compressed in the crescent-shaped compression chamber composed of the static and dynamic scrolls and then compressed by the central part. Continuous discharge.



无油涡旋机规格表 Oil-free scroll air compressor specification

型号 Model	额定功率 Rated power (kW)	额定功率 Rated power (HP)	额定压力 Rated pressure (bar)	排气流量 Air production (L/min)	接口尺寸 Exhaust interface (inch)
HS-100	10	13.6	8	100	1.315
HS-150	15	20.4	8	150	1.315
HS-200	20	27.2	8	200	1.315
HS-250	25	34.0	8	250	1.315
HS-300	30	40.8	8	300	1.315
HS-350	35	47.6	8	350	1.315
HS-400	40	54.4	8	400	1.315
HS-450	45	61.2	8	450	1.315
HS-500	50	68.0	8	500	1.315
HS-550	55	74.8	8	550	1.315
HS-600	60	81.6	8	600	1.315
HS-650	65	88.4	8	650	1.315
HS-700	70	95.2	8	700	1.315
HS-750	75	102.0	8	750	1.315
HS-800	80	108.8	8	800	1.315
HS-850	85	115.6	8	850	1.315
HS-900	90	122.4	8	900	1.315
HS-950	95	129.2	8	950	1.315
HS-1000	100	136.0	8	1000	1.315

▶ 强大的产品  
为每一辆汽车设计

Powerful products  
Designed for every car



超低重量  
LOW WEIGHT

降低运营成本，增加运行时间。  
Reduce operating costs and  
increase runtime.



超小体积  
SMALL FOOTPRINT

充分利用有限的空间



超低噪音  
LOW SOUND

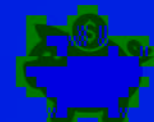
确保环境的舒适



超高节能  
ULTRA-HIGH ENERGY

降低能耗，降低运行成本。

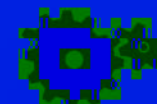
“VAV”变频系统，  
降低能耗，降低运行成本。



极低运行成本  
LOW LIFECYCLE COSTS

操作简单，维护方便。

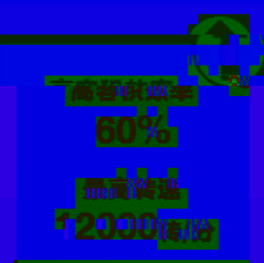
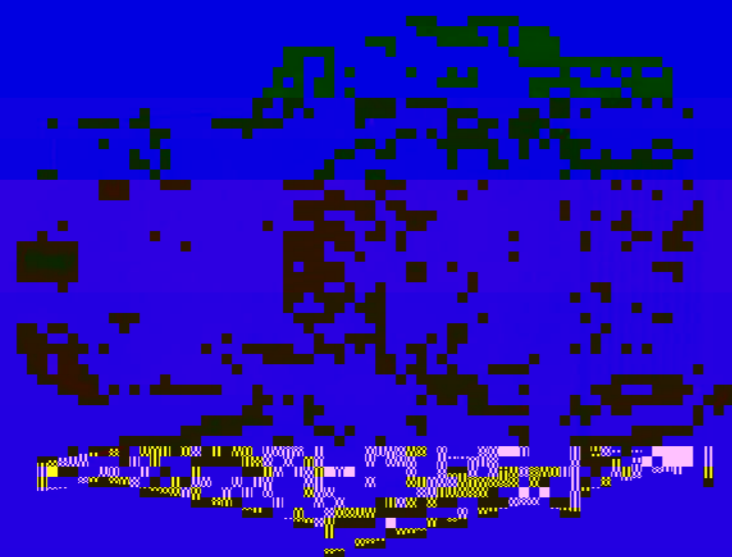
Easy to operate and repair  
with low maintenance.



高可靠性  
HIGH RELIABILITY

结构紧凑，运行稳定。

“VAV”设计优化，  
结构紧凑，运行稳定。



主要性能参数

主要性能参数

型号	排量 (L/min)	功率 (kW)	重量 (kg)	噪音 (dB)
AS100	100	1.5	15	65
AS150	150	2.2	20	68
AS200	200	3.0	25	70
AS250	250	4.0	30	72
AS300	300	5.0	35	75
AS350	350	6.0	40	78
AS400	400	7.5	45	80
AS450	450	9.0	50	82
AS500	500	11.0	55	85
AS550	550	13.0	60	88
AS600	600	15.0	65	90
AS650	650	17.0	70	92
AS700	700	19.0	75	95
AS750	750	21.0	80	98
AS800	800	23.0	85	100
AS850	850	25.0	90	102
AS900	900	27.0	95	105
AS950	950	29.0	100	108
AS1000	1000	31.0	105	110

### 无油涡旋机组设计特点

Oil-free scroll compressor's design features:

- 1、空气系统中完全无油、碳的污染，更清洁。
- 2、压缩机体积小，结构简单，可靠度高，使用寿命长。
- 3、无需更换润滑油及其油过滤器，无废液处置的问题，更环保。
- 4、工作时动静涡盘不接触，振动小，噪音更低。
- 5、运行费用极低，每年可为您节省上万元的费用。
- 6、几乎无易损件，维护工作量极少，维护成本更低。
- 7、可实现智能多机连锁，循环启动/停止控制，实现最优运行降低电力消耗。

8、搭载自主新开发的压缩机本体，追求更高性能，更好的使用体验。

1. the air system completely oil-free, carbon pollution, cleaner.

2, less volume, simple structure, high reliability, long service life.

3, no need to replace the oil and oil filters, no waste disposal problems, more environmentally friendly.

4, when working static and dynamic scrolls do not touch, vibration, low noise.



### 微油涡旋机组设计特点

Oil-less scroll air compressor's design features:

- 1、空气纯度高，含油量极低。
- 2、搭载智能彩色液晶控制系统，运行更优化。
- 3、噪音低，可直接放置在生产车间内，几乎无干扰。
- 4、保养费用低，无易损件，做好常规保养即可放心使用。
- 5、运行费用极低，每年可为您节省上万元的费用。

1, air purity is high, oil content is very low.

2, equipped with intelligent color LCD control system, more optimized operation.

3, low noise, can be directly placed in the production workshop, almost no interference.

4, maintenance costs are low, no wearing parts, do routine maintenance, you can rest assured that use.

5, the operating cost is very low, can save tens of thousands of yuan for you every year.



## 微油涡旋机组规格表

Oil-less scroll air compressor specification table

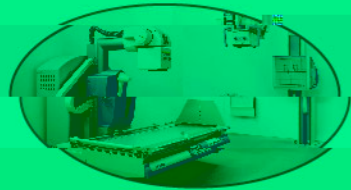
型号 Model	电机输出功率 Motor output power		额定气压 Rated pressure	空气流量 Air production	排气接口 Exhaust interface	噪音 Noise
	KW	HP	bar	L/min	inch	dB

## 无油涡旋机组规格表 Oil-free scroll air compressor unit specification table

## ▶ 应用领域 application



4S店(车辆喷漆)/新能源大巴(制动、雨刷气门)  
4S shop (car spray, painting) / new energy bus (brake, wiper valve)



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



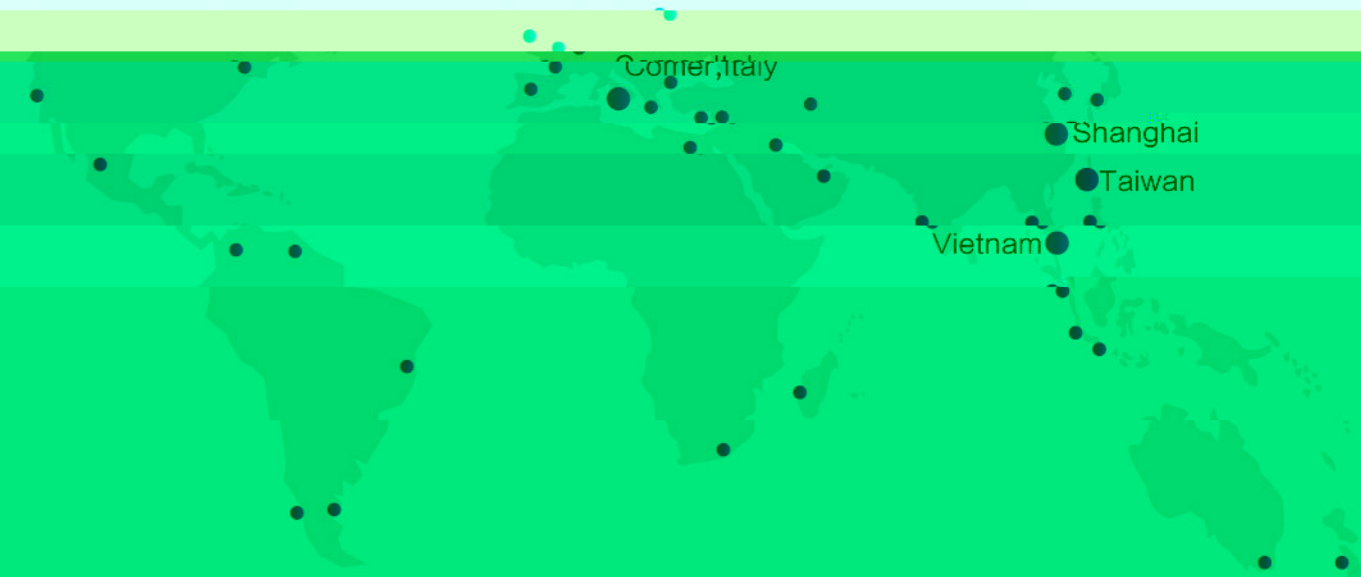
电子工业(装配清洁用气)  
Electronics industry (assembly, cleaning, gas)



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

## ▶ 服务与支持 Service And Support

## Service And Support



汉钟精机经过多年的努力与用心经营，从占的销售一线市场，到全球各地的服务网络，为客户提供最优质的产品和服务。

