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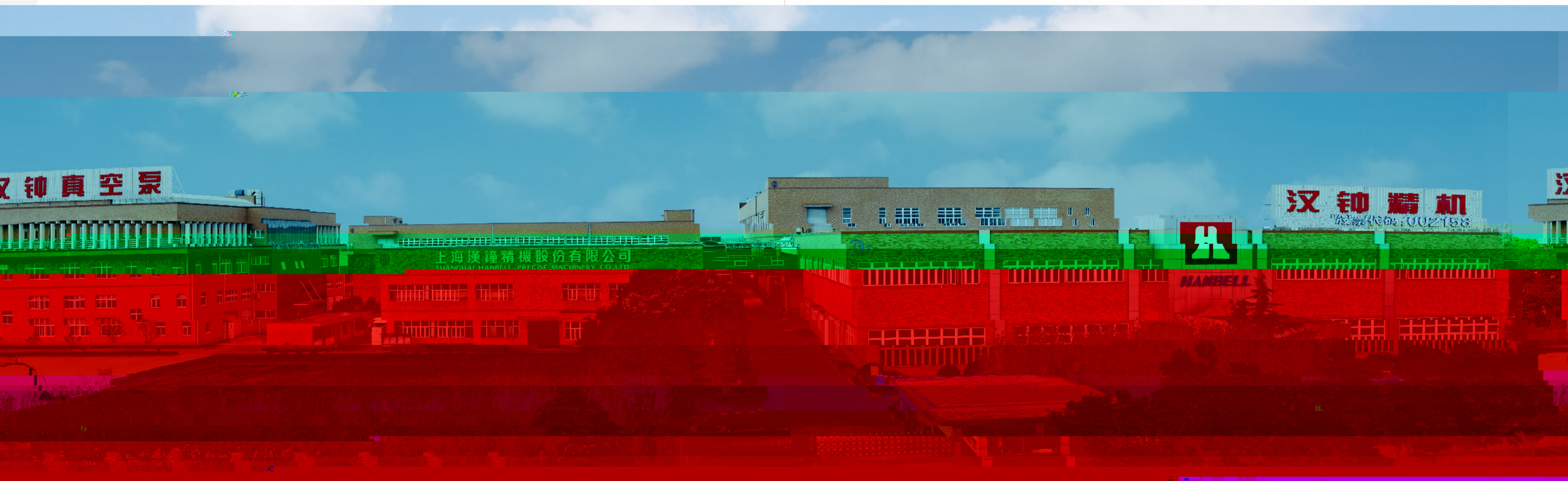
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ASF/ASL系列

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
体机械行业的领军企业，始终走在技术发展的前沿。汉钟通过4.0提
升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。

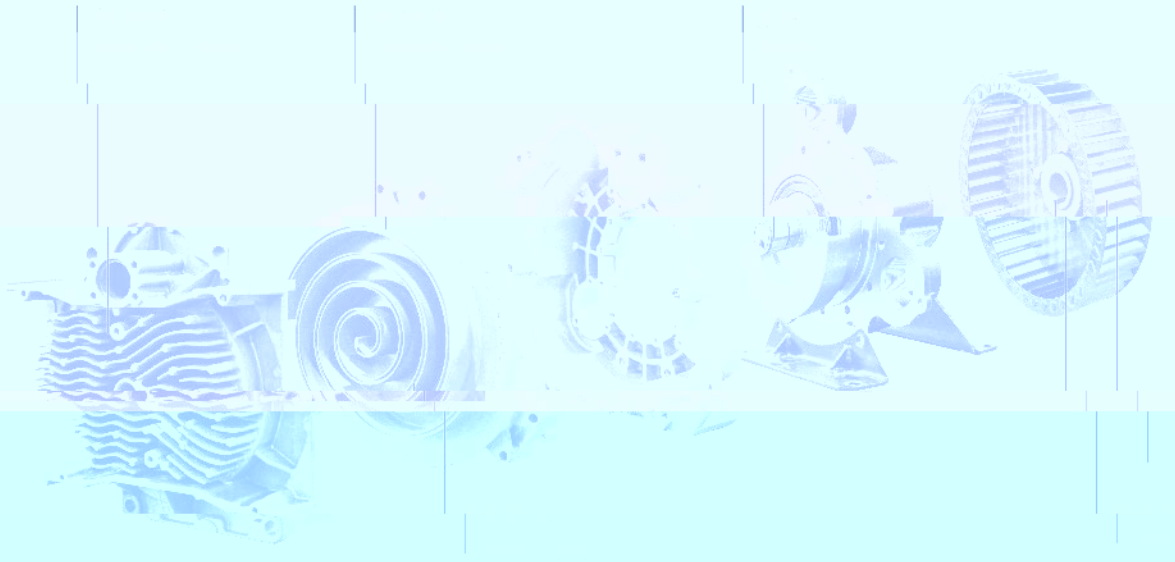
Intelligent manufacturing



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 disk. The gas is freely 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

机型/Model	额定功率/Volts output/额定功率/Volts output	额定压力/Rated pressure	排气流量/Air production	排气接口/Exhaust interface
1000-1000	1000	1000	1000	1000
1000-1000	1000	1000	1000	1000
1000-1000	1000	1000	1000	1000
1000-1000	1000	1000	1000	1000

汉钟无油涡旋空气压缩机

OIL-FREE SCROLL AIREND

► 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

Transferring of limited space



超低噪音
LOW SOUND

确保环境的舒适

Low noise comfort
the environment



超高节能
ULTRA-HIGH ENERGY

降低能耗，降低运营成本。

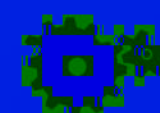
Ultra-low energy consumption,
reducing operating costs.



超低运行成本
LOW LIFECYCLE COSTS

结构件简单，易于维护。

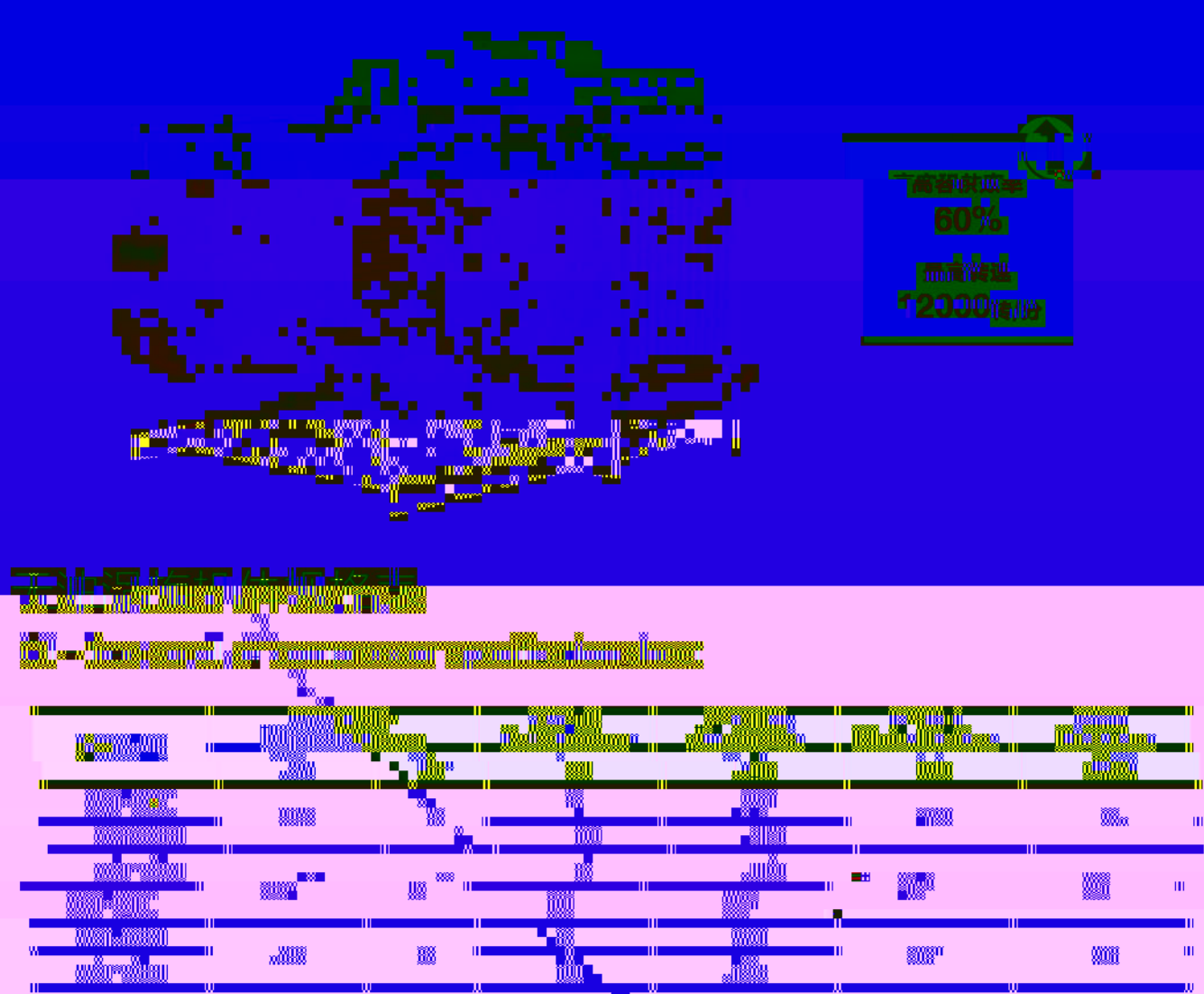
Easy to operate and repair
the components



高可靠性
HIGH RELIABILITY

结构件简单，易于维护。

With design optimization
the components



无油涡旋机组设计特点:

Oil-free scroll air compressor features:

- 1、空气系统中完全无油、碳的污染，更清洁。
- 2、压缩机结构简单，结构强度高，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 moving parts, 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' design reatures:

- 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.



微油涡旋机组规格表

Oil-less scroll air compressor specification table

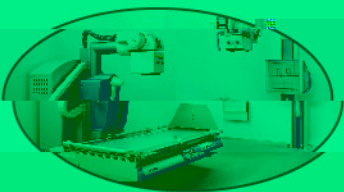
型号 Model	马达输出功率 Motor output power		额定气压 Rated pressure	空气突出量 Air protrusion	排气接口 Exhaust interface	噪音 Noise
	KW	HP	bar	L/min	inch	dB(A)

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)

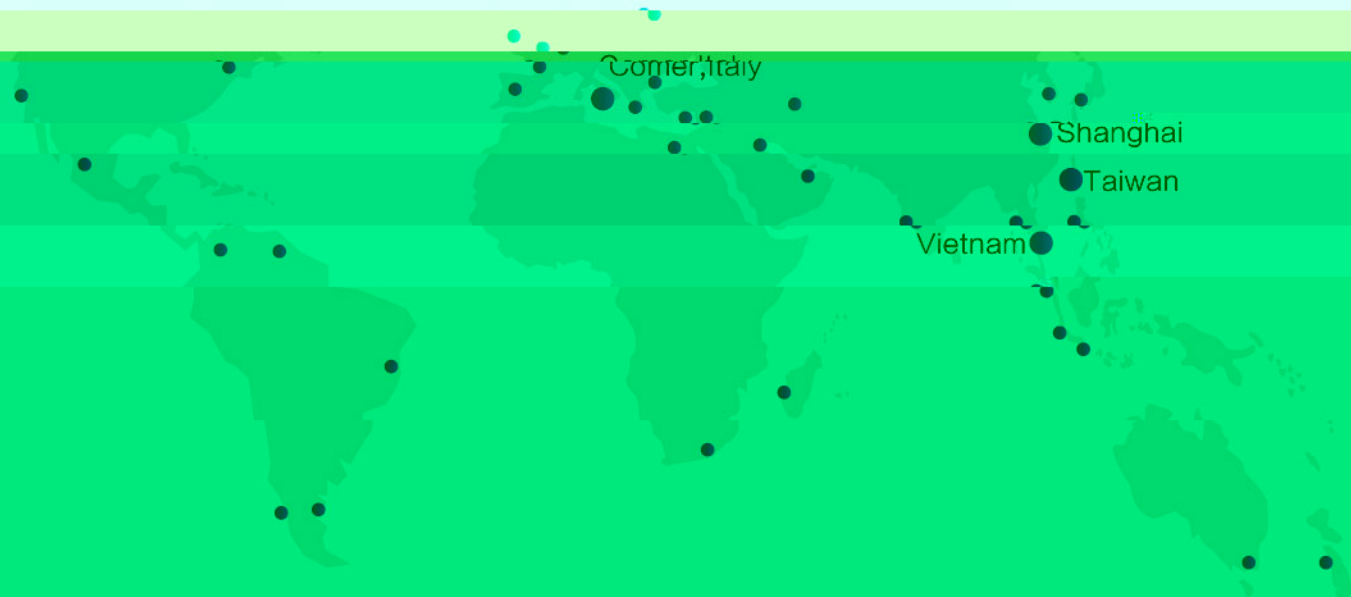


电子工业（装配清洁用气）
Electronics industry (assembly, cleaning, gas)



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

► 服务与支持
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，我们始终以客户的需求为导向，为客户提供最优质的产品和服务。