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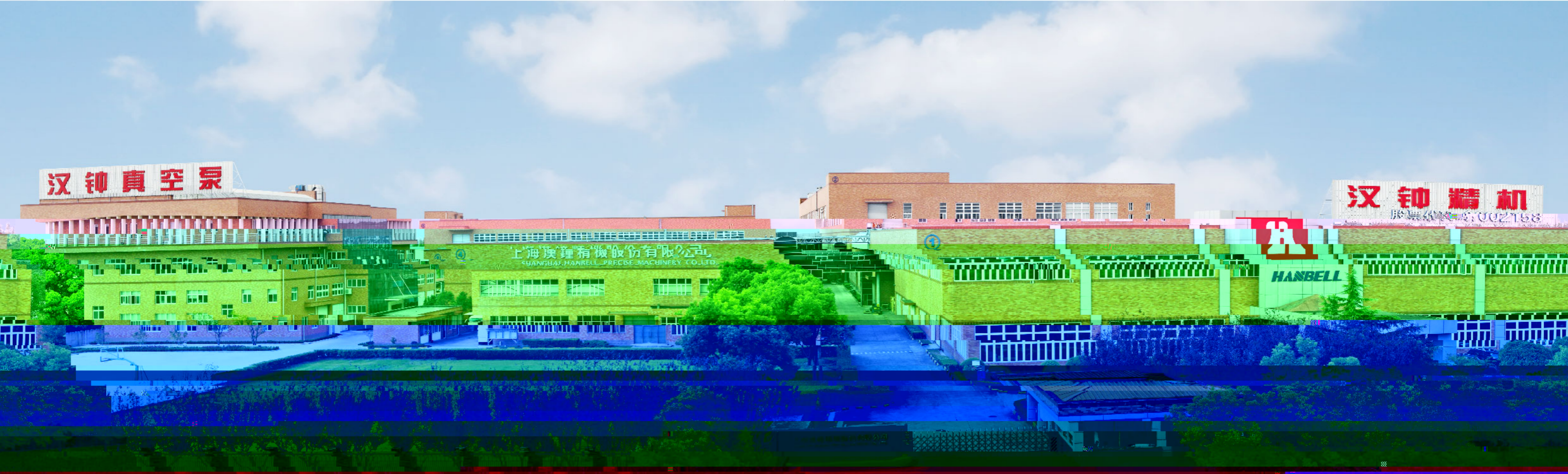
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ASJ / ASJ 系列

涡旋式空气压缩机



汉钟·上海

空泵等领域为建立中国自主高精技术不断前进。

汉钟拥有专业的设计研发人才，每年推出新不断创新的产品服务市场，拥有专业的生产团队，可以及时满足客户提出的苛刻要求，具有多年经验的售后服务人员，使客户无后顾之忧。

历经多年发展，汉钟已成长为享誉全球的中国品牌，以产品品质为中心进行全球。

Hanzhong Hanbell Seiki Limited by Share Ltd, is the screw and scroll compressor professional and related products manufacturing plant, air conditioning, refrigeration, compressed air, vacuum pump and other fields for the establishment of China independent high precision technology progress.

Hanzhong has a professional design, R&D development team, which can constantly create new products and services in industry. The well-trained production team can meet any specification requirements from customers, and have experienced service personnel. They can support customers in any complex and difficult and make our customers who have no worries.

After years of Cullian Hanbell has become well-known international manufacturers across five continents, with its own brand "HANBELL" global marketing. Continued investment in resources for the Chinese mainland market, is to become the "China Compressor first brand" fully reflected.



商投资双优企业 创新型证书

高新技术企业证书 上海市重点新产品证书



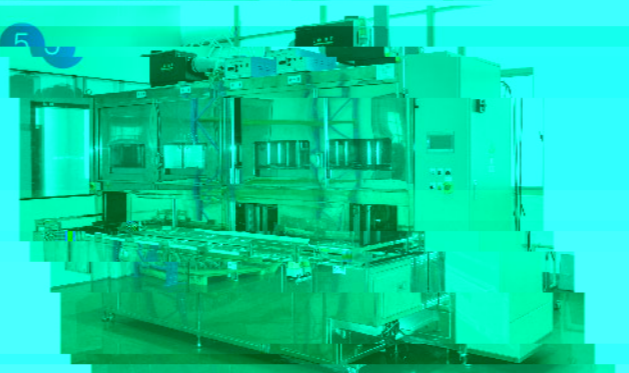
智能制造

“工业4.0”、“智能制造”已是制造业发展的大趋势。汉钟作为流体机电行业的领军企业，始终走在技术发展的前沿。汉钟智能4.0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

"Industry 4.0" and "smart manufacturing" is the development trend of manufacturing. Hanzhong as a fluid mechanical and electrical industry leader, always walk in the forefront of technological development. Hanzhong intelligent 4.0 improves intelligent Hanzhong, reduce energy consumption, improve production efficiency, energy saving and environmental protection, achieve a green intelligent factory.

- 1、磨床加工机
Grinding machine
- 2、车床加工机
Lathe machine
- 3、三次元量床
Coordinate measurement machine
- 4、表面粗糙度测量床
The surface roughness measuring bed
- 5、零部件清洗系统
Parts cleaning system
- 6、涡旋机体组装线
Scroll assembly line
- 7、涡旋机体检测中心
Scroll body detection center
- 8、涡旋空压机组装线
Scroll air compressor assembly line
- 9、涡旋空压机性能检测中心
Scroll air compressor performance detection center

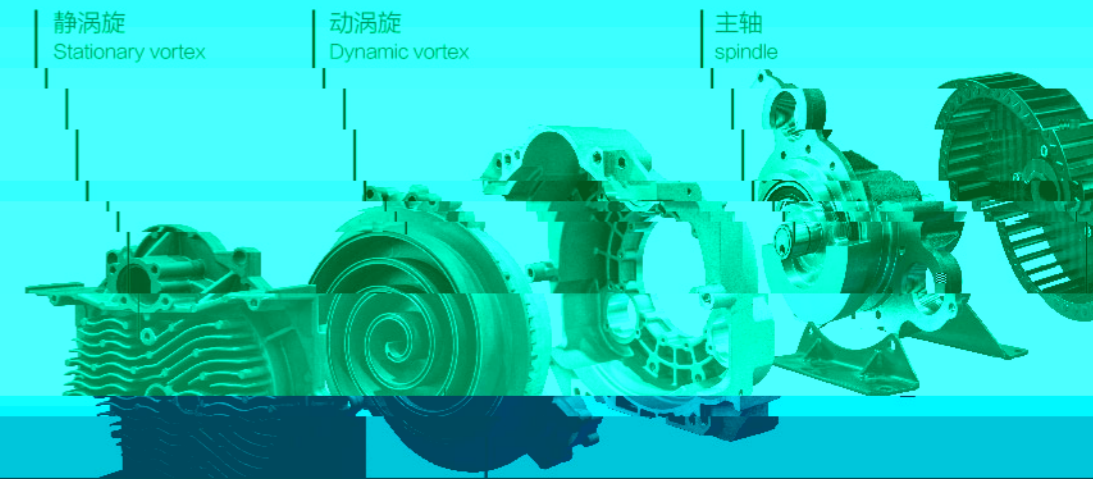
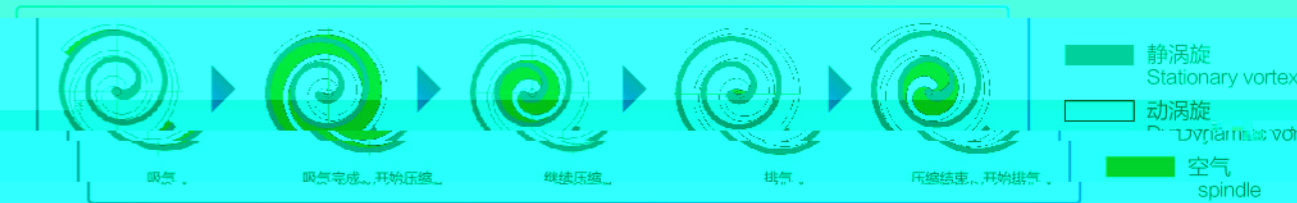


无油涡旋式压缩机原理

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动转动。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。

Hanzhong Scroll Compressor uses a patented line of stationary and dynamic scrolls to complete the work of suction, compression and discharge. The stationary scroll is fixed on the frame and does not move, the dynamic scroll 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 stationary scroll. 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.



无油涡旋机体规格表 Oil-free scroll air compressor specification sheet

3
汉钟涡旋空压机
(额定功率: 4-75 KW)



强大的产品
为每一辆汽车设计
Powerful products
Designed for every car

涡旋式压缩机,是目前世界上最先进的压缩机之一。相较于传统涡旋压缩机存在漏油风险,导致车辆着火、制动失灵等部件老化,严重危及乘客生命安全。汉钟新型ASF系列无油涡旋空压机全无油设计,杜绝漏油问题,零故障运行,为生命保驾护航,并采用世界领先的迷宫设计(专利技术),使整机防护等级达到IP67。

Scroll compressor, compressor is one of the world's most advanced. Compared with the traditional micro air compressor, scroll compressor oil leak risk, causing the vehicle on fire, brake failure, aging components, seriously endanger the safety of the passengers. The new ASF series Hanbell oil-free scroll air compressor oil free design, prevent leakage, zero



超低重量

LOW WEIGHT.

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



超小体积

SMALL FOOTPRINT.

充分利用有限的空间
Make full use of limited space



超低噪音

LOW SOUND.

确保环境的舒适
To ensure the comfort of the environment



超高节能

ULTRA-HIGH ENERGY

智能控制, 智能控制, 智能控制。
Intelligent control, intelligent control, intelligent control.



超低运行成本

LOW LIFECYCLE COSTS

易操作易维修, 无磨损部件。
Easy to operate and repair, no wearing parts.



高可靠

HIGH RELIABILITY

涡旋设计, 涡旋设计。
Swirl design, swirl design.

高容积效率
60%
最高转速
12000转/分

无油涡旋空压机规格表

Oil-free scroll air compressor specification sheet

型号 Model	额定功率 Rated power HP	额定压力 Rated pressure bar	空气排量 Air production L/min	排气接口 Exhaust interface inch	噪音值 Noise value dB(A)
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无油涡旋机组设计特点

Oil-free scroll unit design features:



微油涡旋机组设计特点

Oil-less scroll air compressor design features:



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

型号 Model	电动机输出功率 Motor output power		额定压力 Rated pressure	空气排放量 Air emission	排气接口 Exhaust interface	噪音值 Noise value
	kW	HP	bar	L/min	inch	dB(A)
ASF-B05A	0.55	0.75	8	100	1/2"	65
ASF-B07A	0.75	1.0	8	150	1/2"	65
ASF-B10A	1.1	1.5	8	200	1/2"	65
ASF-B15A	1.5	2.0	8	300	1/2"	65
ASF-B20A	2.2	3.0	8	400	1/2"	65
ASF-B30A	3.0	4.0	8	500	1/2"	65
ASF-B40A	4.0	5.5	8	600	1/2"	65
ASF-B50A	5.5	7.5	8	700	1/2"	65
ASF-B60A	7.5	10.0	8	800	1/2"	65
ASF-B80A	11.0	15.0	8	1000	1/2"	65
ASF-B100A	15.0	20.0	8	1200	1/2"	65
ASF-B150A	22.0	30.0	8	1500	1/2"	65
ASF-B200A	30.0	40.0	8	2000	1/2"	65
ASF-B300A	40.0	55.0	8	2500	1/2"	65
ASF-B400A	55.0	75.0	8	3000	1/2"	65
ASF-B500A	75.0	100.0	8	3500	1/2"	65
ASF-B600A	100.0	135.0	8	4000	1/2"	65
ASF-B800A	135.0	180.0	8	5000	1/2"	65
ASF-B1000A	180.0	240.0	8	6000	1/2"	65

微油涡旋机组规格表

Oil less scroll air compressor specification table

型号 Model	电动机输出功率 Motor output power		额定压力 Rated pressure	空气排放量 Air emission	排气接口 Exhaust interface	噪音值 Noise value
	kW	HP	bar	L/min	inch	dB(A)
A5L-C10A	1.1	1.5	8	100	1/2"	65
A5L-C15A	1.5	2.0	8	150	1/2"	65
A5L-C20A	2.2	3.0	8	200	1/2"	65
A5L-C30A	3.0	4.0	8	300	1/2"	65
A5L-C40A	4.0	5.5	8	400	1/2"	65
A5L-C50A	5.5	7.5	8	500	1/2"	65
A5L-C60A	7.5	10.0	8	600	1/2"	65
A5L-C80A	11.0	15.0	8	800	1/2"	65
A5L-C100A	15.0	20.0	8	1000	1/2"	65
A5L-C150A	22.0	30.0	8	1500	1/2"	65
A5L-C200A	30.0	40.0	8	2000	1/2"	65
A5L-C300A	40.0	55.0	8	2500	1/2"	65
A5L-C400A	55.0	75.0	8	3000	1/2"	65
A5L-C500A	75.0	100.0	8	3500	1/2"	65
A5L-C600A	100.0	135.0	8	4000	1/2"	65
A5L-C800A	135.0	180.0	8	5000	1/2"	65
A5L-C1000A	180.0	240.0	8	6000	1/2"	65

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 (dental, oxygen and other medical sources)



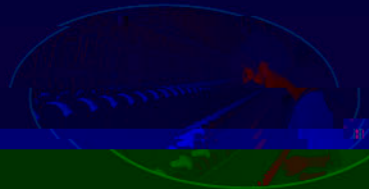
电子工业(装配清洁用气)
Electronics industry / assembly, cleanroom usage



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

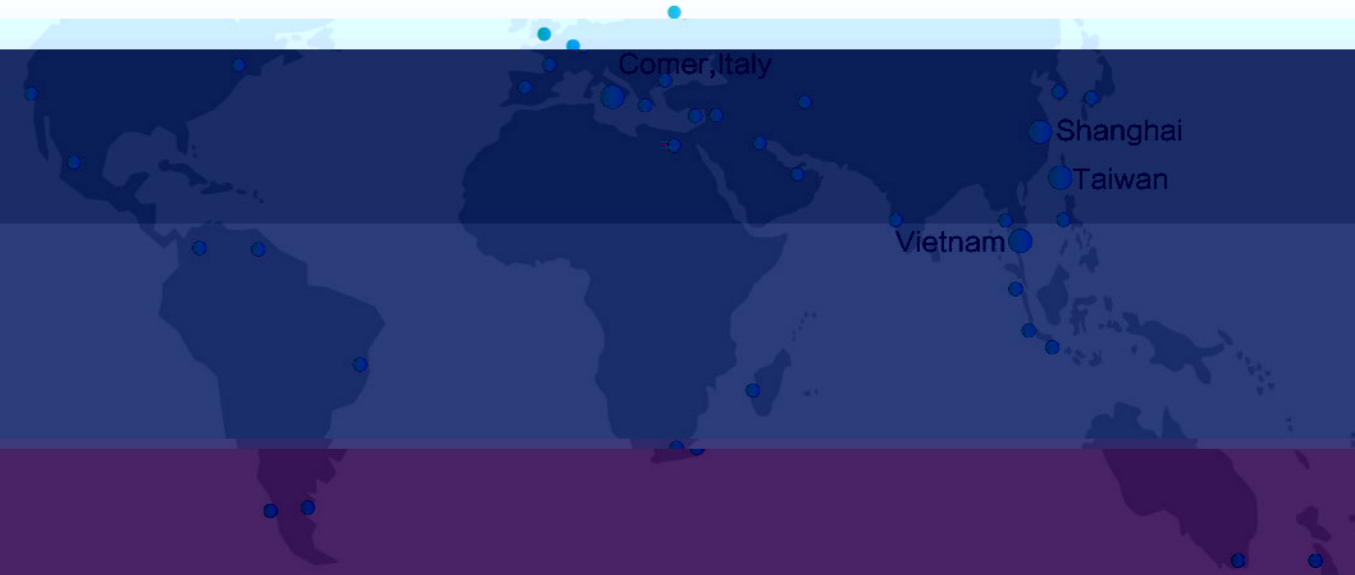


食品工业(酿造业的搅拌)
Food industry (agitation of brewing industry)



食品工业(酿造业的搅拌)

服务与支持 Service And Support



汉钟精机经过多年的努力与用心经营，从点的销售、线的推广到今天面的网络。建立了世界主要市场的全方位销售服务网络。

台湾桃园厂与大陆上海厂的双重支持保证销售的灵活性与稳定性。各地分公司与经销商的有效支持使汉钟产品在世界上任何一个角落都能得到最快捷的售后服务保障。

“创新、品质、服务”是汉钟的承诺，用完整的销售管理，结合各个产品销售网络，我们将提供最快捷，最有效率与最高品质的售后服务。