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股票代码 002158

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涡旋式空气压缩机

上海汉钟精机股份有限公司
SHANGHAI HANBELL PRECISE MACHINERY CO.,LTD.

汉钟无油涡旋空气压缩机

OIL-FREE SCROLL AIREND

无油涡旋式压缩机原理

Principle of oil-free scroll compressor

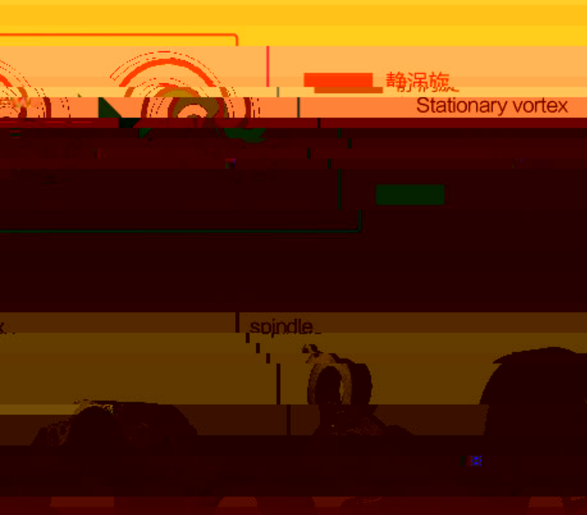
[illegible] driven by the eccentric shaft and is controlled by the anti-rotation mechan [illegible] The gas is finally sucked through the filter. As the eccentric shaft rotates, the gas is gradually c [illegible] discharge.

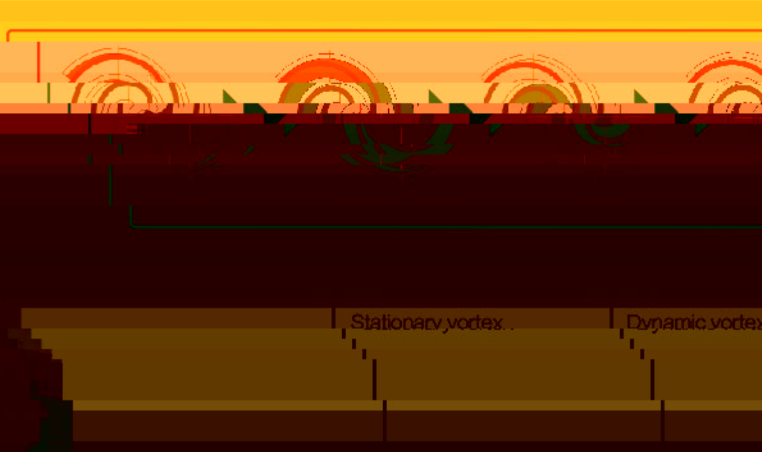
[illegible] ism for the turning of the small radius [illegible] through the periphery of the vortex reel [illegible] compressed in the crescent-shaped com- [illegible]

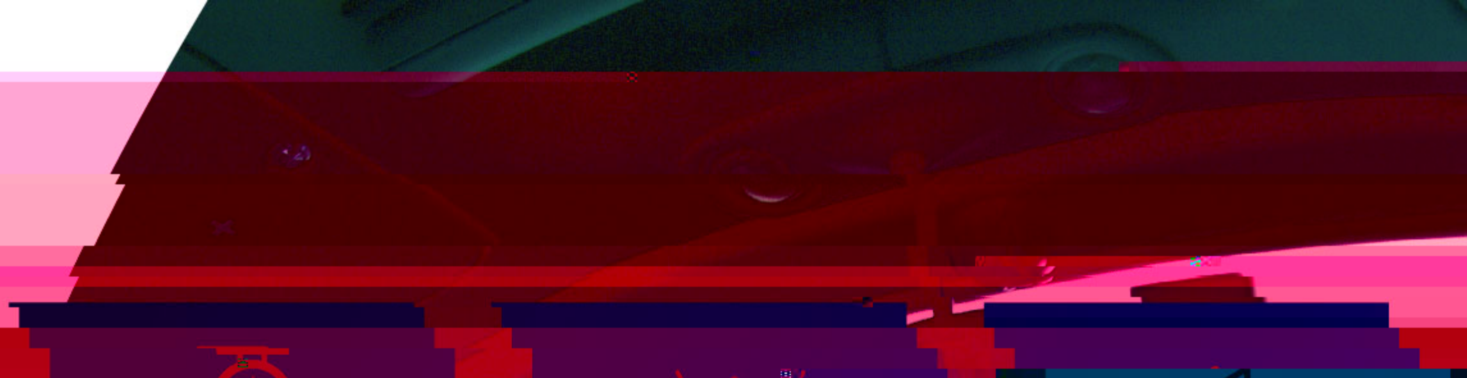
智能制造

“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。

[illegible] development. Han Zhong intelligent 4.0 improve the level of intelligent Han Zhong, reduce energy consumption, improve production efficiency, energy saving and environmental [illegible] factory.







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，比较传统微油空压机存在漏油风险，导致车辆着火，[illegible]

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 comf
the environme

高可靠性
HIGH RELIABILITY
涡旋设计最佳化，超精密加工。

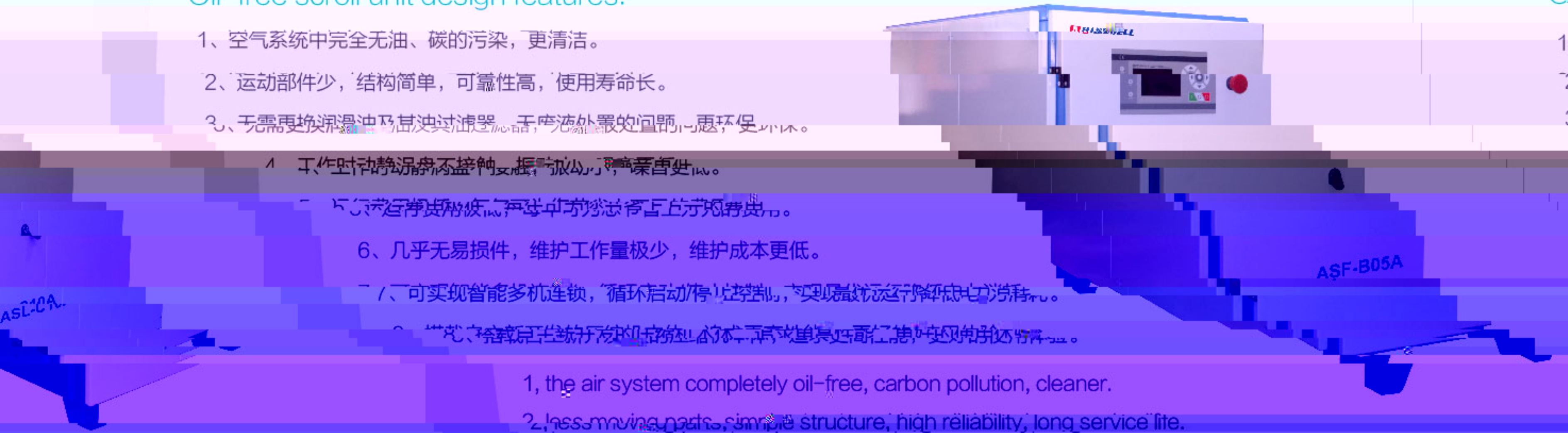
超高节能
ULTRA HIGH ENERGY
智能控制，循环启停，[illegible]
Intelligent control cycle start

超低运行成本
LOW LIFECYCLE COST
易保养的维修，[illegible]

[illegible]	kW	HP	bar	L/min	inch	dB(A)
ASF-05AI	2.2	3	8	252	1/2"	64
ASF-05BI			10	215		
ASF-08AI	3.7	5	8	410	1/2"	65
ASF-08BI			10	355		
ASF-03AI	5.5	8	8	570	3/4"	66
ASF-03BI			10	490		

无油涡旋机组设计特点：

Oil-free scroll unit design features:



1、空气系统中完全无油、碳的污染，更清洁。
2、运动部件少，结构简单，可靠性高，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、[illegible]

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.
5, operating costs are very low, you can save tens of thousands of dollars each year.
[illegible] power consumption.
8, equipped with independent development of the compressor body, the pursuit of higher performance, better use experience.

微油涡旋机组设计特点：

Oilless scroll air compressor 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 controller 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 costs are very low, you can save tens of thousands

压力 pressure bar	空气突出量 Air protrusion L/min	排气接口 Exhaust interface inch	噪音值 Noise value dB(A)
~ 1.0	770	3/4"	60±2
0.6 ~ 1.0	1050	3/4"	60±2
0.6 ~ 1.0	1540	1-1/2"	64±2
0.6 ~ 1.0	1820	1-1/2"	66±2
0.6 ~ 1.0	2100	1-1/2"	66±2
0.6 ~ 1.0	2310	1-1/2"	67±2
0.6 ~ 1.0	[illegible]	1-1/2"	67±2
0.6 ~ 1.0	3150	1-1/2"	68±2

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

型号 Model	马达输出功率 Motor output power kW	 HP	额定气压 Rated pressure bar	空气突出量 Air protrusion L/min	排气接口 Exhaust interface inch	噪音值 Noise value dB(A)
ASF-B03A	2.2	3	8	250	3/8"	62±2
ASF-B03B			10	215		
ASF-B05A	3.7	5	8	410	1/2"	63±2
ASF-B05B			10	355		
ASF-B08A	5.5	8	8	570	3/4"	64±2
ASF-B08B			10	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ASF-B18A	2.2*1+3.7*2	18	8	1070	1"	72±2
ASF-B18B			10	925		
ASF-B20A	3.7*4	20	8	1640	1"	72±2
ASF-B20B			10	1420		
ASF-B22A	5.5*3	22	8	1710	1"	74±2
ASF-B22B			10	1470		
ASF-B25A	5.5*3+2.2	25	8	1960	1"	74±2
ASF-B25B			10	1625		
ASF-B27A	5.5*3+3.7	27	8	2120	1-1/2"	74±2
ASF-B27B			10	1825		
ASF-B30A	5.5*4	30	8	2280	1-1/2"	74±2
ASF-B30B			10	1960		

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 kW	 HP	额定气压 Rated pressure bar
ASL-C08A	5.5	8	0.6
ASL-C10A	7.5	10	
ASL-B15A	5.5*2	15	
ASL-B18A	5.5+7.5	18	
ASL-B20A	7.5*2	20	
ASL-C22A	5.5*3	22	
ASL-C25A	5.5*2+7.5	25	
ASL-C30A	7.5*3	30	

The modular color LCD panel display is equipped with a high-performance microcomputer circuit board. The display will display the status of the digital display and various fault warning. Easy to understand and realize the best man-machine interface.

应用领域
application

albatrusBUS.pl

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）

Electronic industry (assembly, cleaning gas)

制药工业（制药业的搅拌）

Pharmaceutical industry (agitation of pharmaceutical industry)

食品工业（食品业的搅拌）

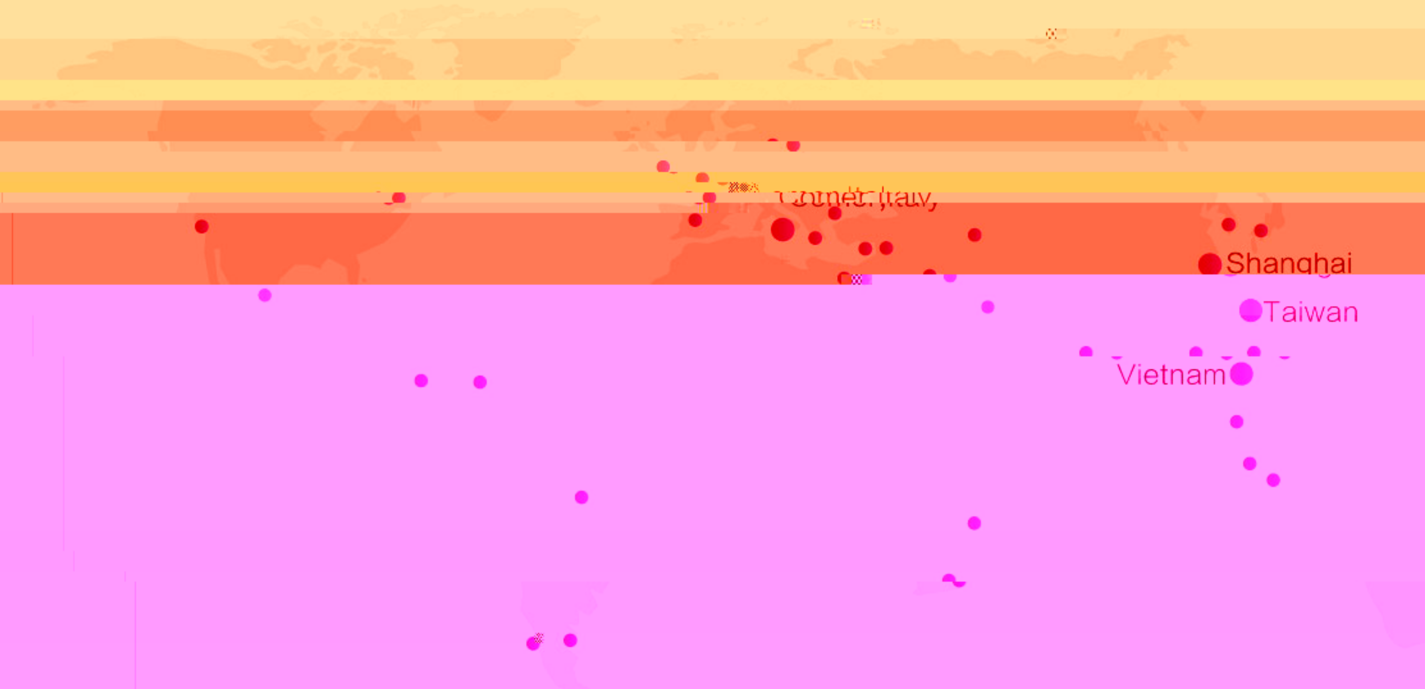
[illegible]

纺织工业（喷气织机）

Textile industry (air-jet looms)

[illegible]

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援 [illegible] 一个华南客户都得到最快捷的售后服务保证 [illegible] 质的销售与服务。

我们以“世界第一”为目标，为创立中国人的骄傲奋斗不懈。“HANBELL”将会是压缩机界最响亮的品牌。

Vision:

Committed Hanbell being the world leading brand in flu [illegible] and mechanical and electrical field.

[illegible] dots in the overseas market and make [illegible] competitive edge of the prod [illegible] our customers satisfaction with quality