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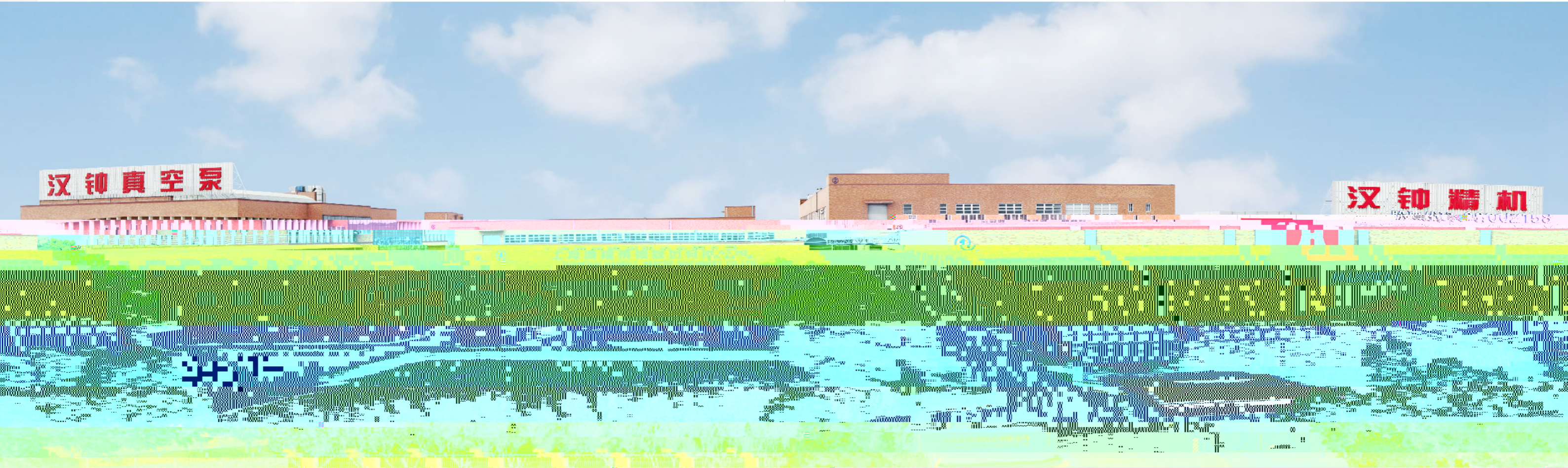
重庆市南岸区玉马路18号

Shanghai Hanbell Precision Machinery Co., Ltd. Chongqing Branch office

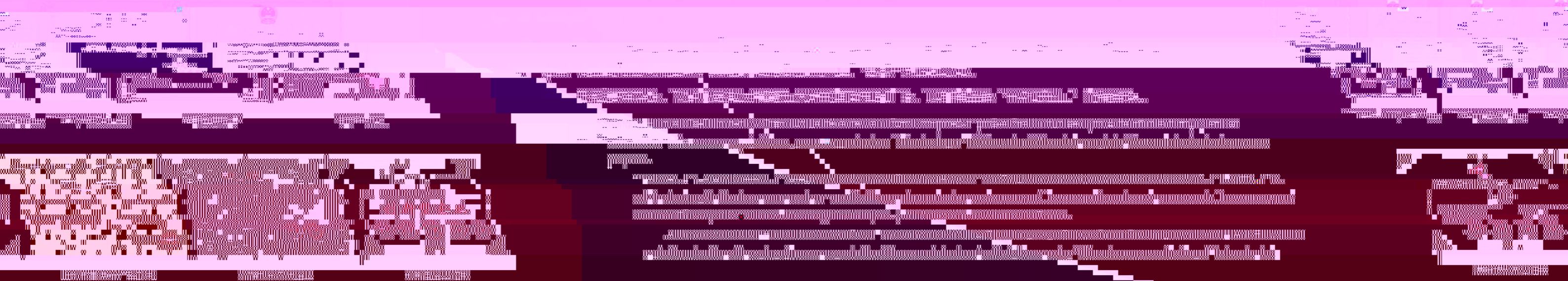
Add: No.18, Yuma Road, Nan'an District, Chongqing

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汉钟·上海





## 无油涡旋式压缩机原理

Oil-free scroll compressor principle

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周转动。气体由静涡卷盘的外围通过过滤器自行吸入，随着偏心轴旋转，气体在动静涡盘齿顶圆所形成的密闭容积室内被逐渐压缩，然后由静涡卷盘中排出。

of the small radius  
periphery of the vortex reel  
eccentric shaft  
the central part. Common

### 智能制造

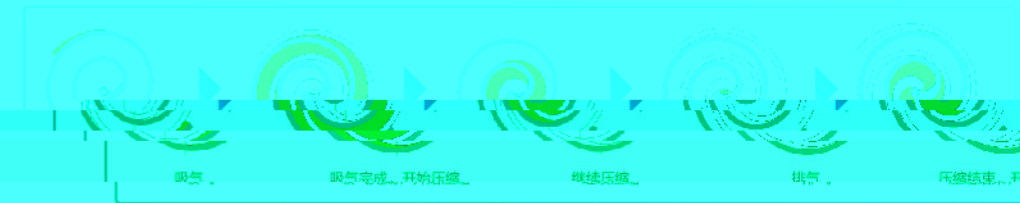
“工业4.0”、“智能制造”已是制造业发展的大趋势。汉钟作为流体机械行业的技术领军企业，汉钟智能制造中心以汉钟的智能制造经验为依托，提高生产效率，节能环保，成就无污染的绿色智能工厂。

### Intelligent manufacturing

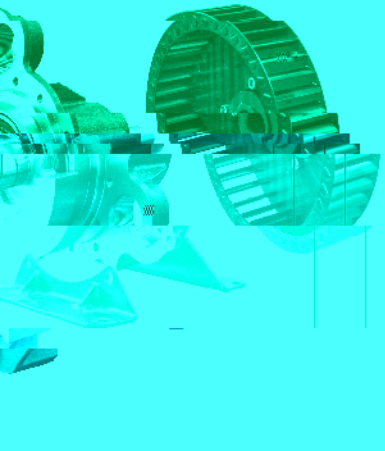
"Industry 4.0"; "smart manufacturing" is the development trend of manufacturing. Hanzhong as a fluid mechanical and electrical industry leader, always walk in the forefront of technology development. Hanzhong intelligent 4.0 center relies on Hanzhong's intelligent manufacturing experience, reduce energy consumption, improve production efficiency, energy saving and environmental protection, achieve a clean green intelligent factory.



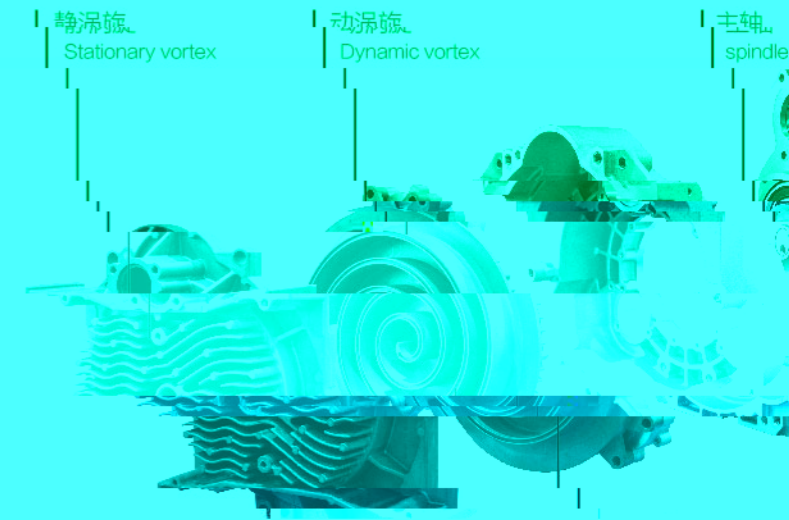
driven by the eccentric shaft and is controlled by the anti-rotation mechanism to rotate around the center of the stator disk base circle. The gas is freely sucked through the periphery of the stator scroll. As the eccentric shaft rotates, the gas is gradually compressed in the compression chamber composed of the static and dynamic scrolls and then compressed by the stator scroll discharge.



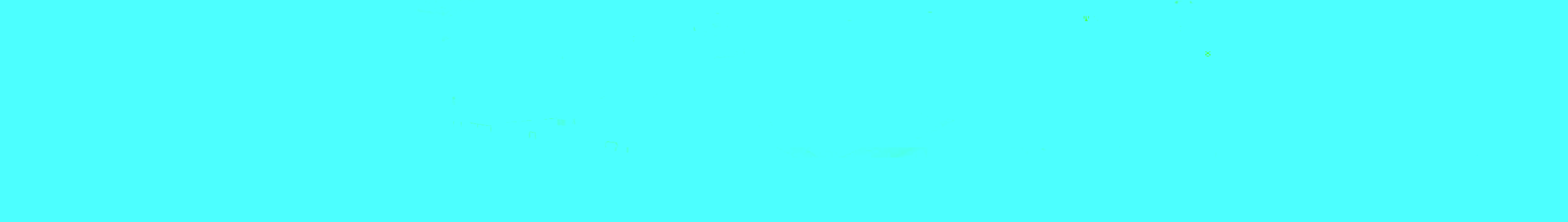
Stationary vortex  
Dynamic vortex  
Air spindle



风扇  
Fan



- 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、涡旋机机组装线 Scroll assembly line
- 7、涡旋机体检测中心 Scroll body inspection center
- 8、涡旋空压机组装线 Assembly line of scroll compressor
- 9、涡旋机性能检测中心 Scroll unit performance test center



强大的产品  
为每一辆汽车设计

Powerful products  
Designed for every car

**高可靠性**  
HIGH RELIABILITY

产品旋设计最佳化, 超精密加工。  
Swirl design optimization,  
ultra precision machining.



**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, 精准控制, 节能降耗。  
Intelligence control, precise control,  
and stop control to save energy.



**超低运行成本**  
LOW LIFECYCLE COSTS

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

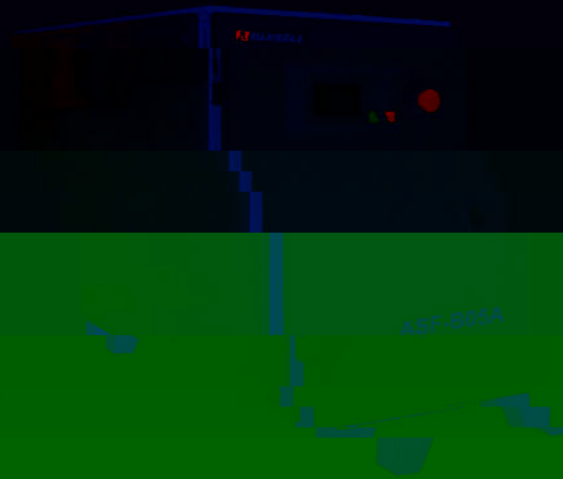
无油涡旋空压机规格表

Oil-free scroll air compressor specification sheet

型号 Model	额定输出功率 Motor output power	额定气压 Rated pressure	空气流量 Air production	排气接口 Exhaust interface	噪音值 Noise value
ASF-05B	2.2	8	~ 8	1/2"	64
ASF-06A			~ 200		
ASF-08A	3.7	8	~ 110	1/2"	65
ASF-08B			~ 355		
ASF-03A	5.5	8	~ 570	3/4"	66
ASF-03B			~ 490		

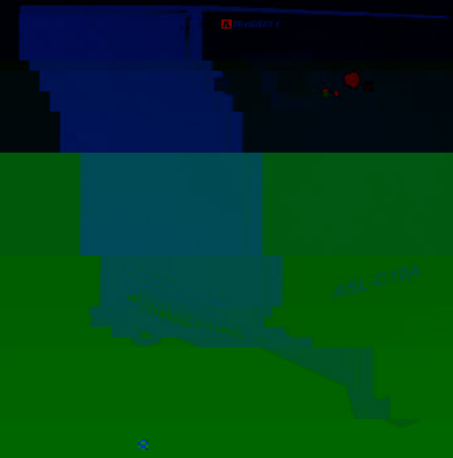
### 无油涡旋压缩机设计特点:

Oil-free scroll compressor design features:



### 涡旋压缩机设计特点:

Class scroll compressor design features:



### 无油涡旋压缩机规格表

Oil-free scroll compressor specification table

Model: ASF-B03A

Capacity: 3.0 m³/min

Pressure: 10 bar

Power: 1.5 kW

Speed: 1450 rpm

Weight: 1.2 kg

Dimensions: 100x100x100 mm

Material: Aluminum

Application: Industrial

Manufacturer: Hanchong

Contact: info@hanchong.com

Website: www.hanchong.com

Address: No. 123, Industrial Park, Hangzhou, China

Phone: +86 571 1234 5678

Fax: +86 571 1234 5678

Email: info@hanchong.com

### 涡旋压缩机规格表

Class scroll compressor specification table

Model: ASF-C10A

Capacity: 10.0 m³/min

Pressure: 10 bar

Power: 5.0 kW

Speed: 1450 rpm

Weight: 4.0 kg

Dimensions: 150x150x150 mm

Material: Aluminum

Application: Industrial

Manufacturer: Hanchong

Contact: info@hanchong.com

Website: www.hanchong.com

Address: No. 123, Industrial Park, Hangzhou, China

Phone: +86 571 1234 5678

Fax: +86 571 1234 5678

Email: info@hanchong.com

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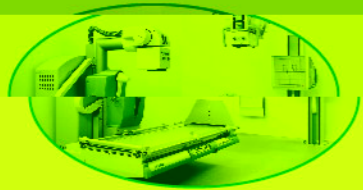
Fax: +86 571 1234 5678

Email: info@hanchong.com

# 应用领域 application



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



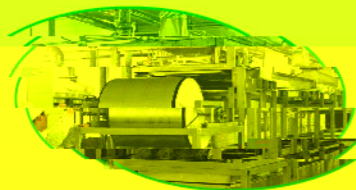
医疗器械(牙医、制氧等医疗气源)  
Medical instruments (dentist, oxygen and other medical air sources)



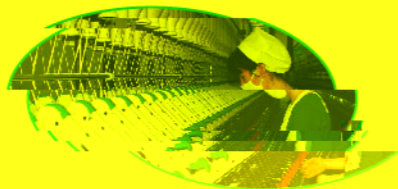
电子工业(装配清洁用气)  
Electronics industry (assembly, cleaning, etc.)



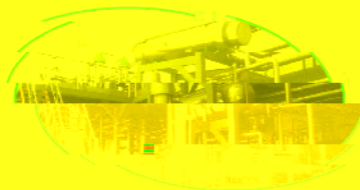
制药工业(制药业的搅拌)  
Pharmaceutical industry (agitation of pharmaceutical industry)



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



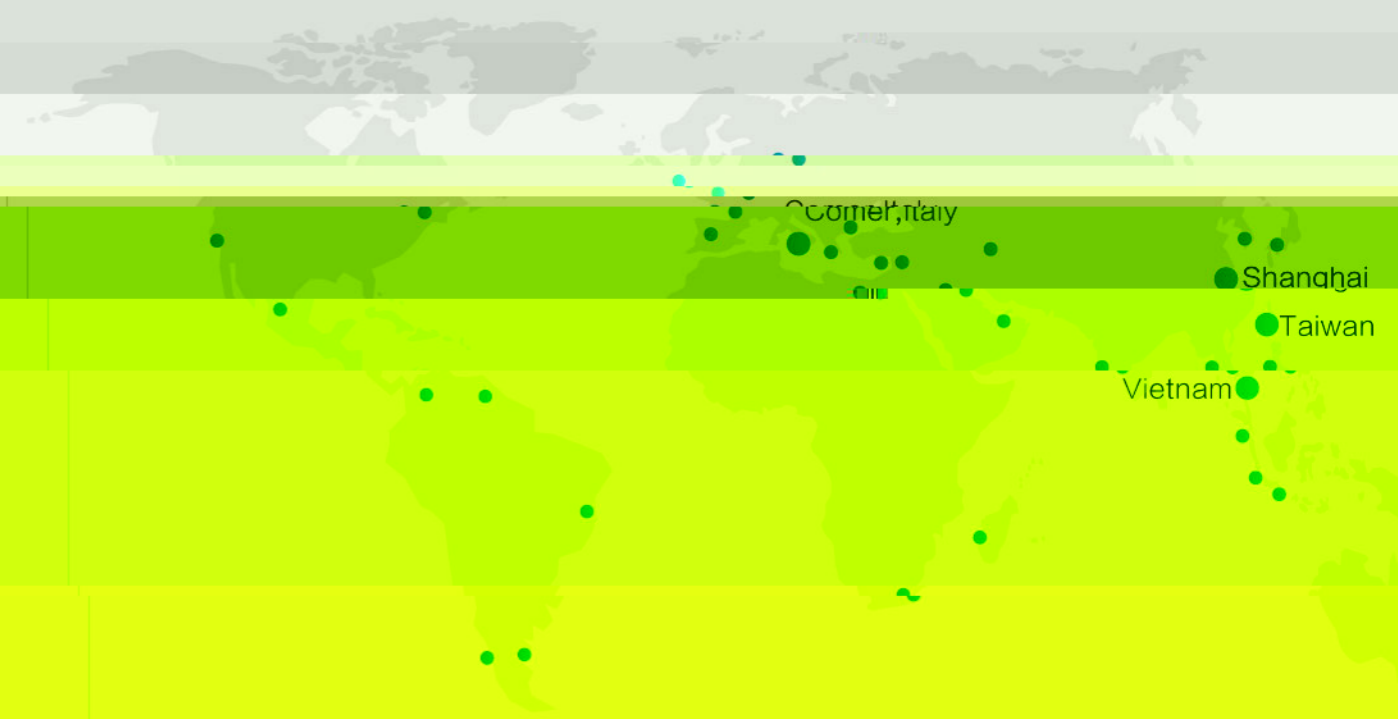
纺织工业(喷气织机)  
Textile industry (jet looms)



气体分离设备(吸附和膜分离制氧、制氮)  
Gas separation equipment (adsorption and membrane separation, oxygen and nitrogen production)

# 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销售网络。

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在一个角落都能得到最快捷的售后服务保证。

“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，我们将提供最优质的销售与服务。

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

### vision:

Committed, Hanbell will lead the world leading brand in fluid mechanic equipment, and will provide the best compressed air solutions for the domestic and international market. China will take advantage of rich resources in Asia to enter the overseas market and make our best efforts to give customers