

无论您在什么地理位置 其实我们就在您身边
No matter where you are we are here for you



DESRAN®

德斯兰压缩机(上海)有限公司
DESRAN COMPRESSOR (SHANGHAI) CO., LTD.

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DESRAN®

无油螺杆空压机

Oil-free Screw Air Compressor
为您提供真正干式全无油压缩空气



德斯兰 — 上海名牌产品
— 高新技术企业
— 中国机械500强

德斯兰压缩机(上海)有限公司
DESRAN COMPRESSOR (SHANGHAI) CO., LTD.



公司简介 Company profile

德斯兰压缩机(上海)有限公司是一家专业从事空气压缩机研发,生产,销售的高新技术企业。公司秉承德国工业先进的设计理念和严谨的制造工艺,并结合国内外用户的使用环境,不断革新,发挥专业设计、制造的优势,生产管理过程严格遵循 ISO9001 国际质量体系,保证了每一台压缩机的技术性能和可靠性都达到国际一流水平,品质在业内一直处于领先地位。

2011 年,德斯兰荣获“上海名牌产品”,同时被授予“上海市高新技术企业”和“上海科技小巨人企业”;德斯兰的产品获“上海市节能产品”称号,并且有多项产品通过了“国家节能产品认证”,自 2011 年起,连续三年被评为“中国机械 500 强”。

Desran Compressor (Shanghai) Co., Ltd is a high Tech company focusing on the R&D, manufacture, and sales of Air Compressors. We not only inherit advanced design concept and precise manufacturing technology from German industry, but also combine both domestic and overseas users' operation conventions. Through professional design, advanced manufacturing, and strict quality control system, we ensure that the technical performance and reliability of each compressor are best in class and our quality is always in the leading position in the industry.

In 2011, Desran was honored as "Shanghai Famous Brand", "High-tech enterprise", and "Technology Giant Enterprise". Since 2011, Desran was ranked into "China Machinery 500" by "China Machinery Industry Association" for three consecutive years.



真正的全无油压缩空气 (根据 ISO 8537-1)

Truly Oil Free Compressed Air (According to ISO 8537-1)

- * 产生纯净高标准的 Class 0 无油压缩空气
- * 确保压缩空气 100% 不含润滑油
- * 确保各种食品和制药行业所需要的高品质全无油压缩空气
- * Provide "Class 0" Oil Free compressed air
- * Ensuring 100% oil free compressed air
- * Ensure the high quality oil free compressed air for food and pharmacy industries

等级 Class	含油量 (悬浮油粒/气态油/液态油 mg/m ³) Oil Content
0	由设备使用者或供应商指定, 比 class1 标准更严格 Designed by user or manufacturer (more strict than Class 1)
1	≤ 0.01
2	≤ 0.1
3	≤ 1
4	≤ 5
5	≥ 5

制药行业 Pharmacy Industry
纯净无油的压缩空气提高药品的安全性, 符合 GMP 认证标准

饮料行业 Beverage Industry
纯净无油的压缩空气大大降低了饮料成品被污染的风险

纺织行业 Textile Industry
为高科技的喷气织机提供干燥且纯净无油的压缩空气

电子行业 Electronics Industry
纯净无油的压缩空气杜绝了水气、油气可能带来的生产停机及废品

食品行业 Food Industry
纯净无油的压缩空气保证了食品的安全性

医疗行业 Health Industry
纯净无油的压缩空气保证了治疗的可靠性和卫生性

无油螺杆机构造图

Oil Free Screw Compressor Structure

1. 空气过滤器 Air Filter

采用较高的容尘能力和较低的流动阻力设计，能过滤出空气中直径极其微小的固定颗粒。过滤面积大，吸气阻力小，确保系统的各个零部件的功能正常运行和经济的使用寿命

By using large dust holding and low flow resistance design, our air filters can filter the micro articles in the air to ensure every component of the system works normally and efficiently

2. 进气阀 Suction Valve

优化的设计使得进气压降和噪音都大大的降低，机械联动装置保证进气阀运转稳定，寿命长
The advanced design lowers the inlet air pressure and noise, while the mechanical connection ensures the stability and longevity of the valve.

3. 二级压缩主机 Two-Stage Airend

采用全新欧洲设计二级压缩技术，极高的加工精度，节能性和噪音控制等各项指标均达到世界一流水平，坚固耐用

By adopting the whole new two-stage compression design and precisely manufacturing accuracy, our airend has a world class quality especially on energy efficiency and noise control

4. 冷却器 Cooler

采用加大热交换面积的设计，提高了热交换效率，在极端的工况条件下也能安心运行
By adopting the larger heat exchange design, this machine can run under extreme condition

5. 先进的控制系统 Advanced Control System

中英文操作界面，能显示压缩机的主要运行参数和设定参数，能通过显示屏进行各种设定和运行数据管理，非常容易掌握和操作；30多项自诊断功能，能显示维修保养，报警和异常停机画面，全面掌控压缩机运行状况

With the multi-language control platform, the monitor displays the main running parameters and specifications clearly. With the easy system design, users can set up the main settings through the control system trouble-free. With all kinds of self-detecting functions, the control system will show the maintenance requirements and malfunction conditions.

6. 高效电机 High Efficiency Motor

高防护等级，全球统一制造标准，比同类型的电机效率高 2%-5%
With the high isolation rate and manufacture standard, our motor runs more efficiently



无油螺杆机技术参数

Oil Free Screw Compressor Specification

型 号 (model)	排气量/排气压力 Capacity/Pressure(m³/min/Mpa)	电动机 Motor Power		噪音dB(A) Noise	外型尺寸Size (mm)		
		功率 (KW)	马力 (HP)		长(L)	宽(W)	高(H)
DSRW-45A/W	6.8/0.75	45	60	67	2100	1500	1790
	5.9/0.86			69			
	5.4/1.0			71			
DSRW-55A/W	8.8/0.75	55	75	68	2100	1500	1790
	8.4/0.86			69			
	6.9/1.0			71			
DSRW-65A/W	10.2/0.75	65	90	69	2100	1500	1790
	8.9/0.86			70			
	8.2/1.0			72			
DSRW-75A/W	12.8/0.75	75	100	69	2100	1500	1790
	10.3/0.86			71			
	9.3/1.0			72			
DSRW-90W	15.8/0.75	90	125	66	2900	1880	1880
	14/0.86			67			
	12.8/1.0			69			
DSRW-110W	19.4/0.75	110	150	67	2900	1880	1880
	17/0.86			68			
	16.0/1.0			70			
DSRW-132W	23.9/0.75	132	180	69	2900	1880	1880
	21.4/0.86			70			
	19.2/1.0			71			
DSRW-160W	28.4/0.75	160	220	69	2900	1880	1880
	26.2/0.86			71			
	23.6/1.0			71			
DSRW-180W	32.8/0.75	180	245	69	2900	1880	1880
	28.2/0.86			71			
	26.3/1.0			71			
DSRW-200W	36.4/0.75	200	270	69	3250	2200	2150
	33/0.86			70			
	29.5/1.0			72			
DSRW-220W	39.0/0.75	220	300	70	3250	2200	2150
	36.1/0.86			71			
	32.3/1.0			72			
DSRW-250W	43.6/0.75	250	340	70	3250	2200	2150
	41.2/0.86			72			
	36.1/1.0			72			

本公司对产品不断改进, 保有设计变更权。如若参数更改, 恕不另行通知

Due to the constant innovation and upgrading, all the specifications are subject to change without notice

变频无油螺杆空压机

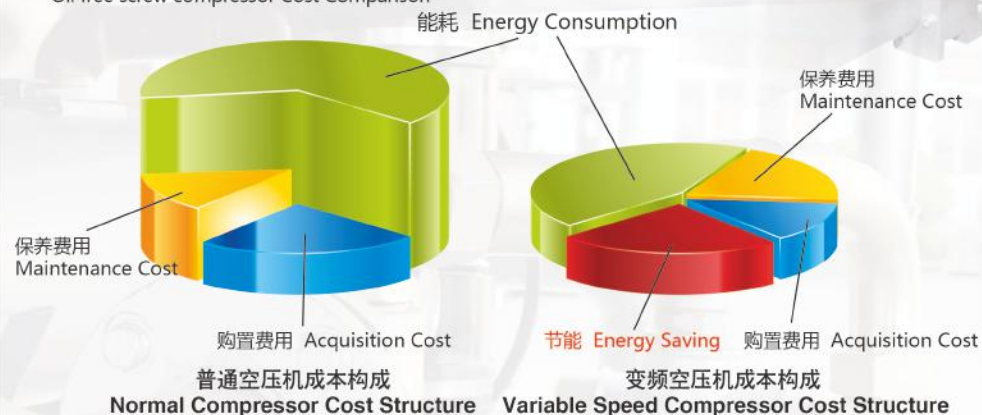
Variable Speed Oil Free Screw Compressor

德斯拉变频无油螺杆空压机不仅为您提供全无油的压缩空气解决方案, 并且能够利用先进的变频技术使您的运行费用降到最低, 平均节能 30% 以上。

Desran Variable Speed Oil Free Screw Compressor not only provides you with a totally oil free compressed air solution, but also saves you a lot on the daily running cost with the advanced frequency converter.

普通无油螺杆机与变频无油螺杆机成本对比:

Oil free screw compressor Cost Comparison



平顺的变频启动

采用了变频控制系统, 减少了启动电流, 启动时无峰值电流, 使机器启动更加平稳、顺畅。

Smooth Start with the frequency converter

By adopting the advanced frequency converter system, the machine starts more smoothly without any peak current.

