

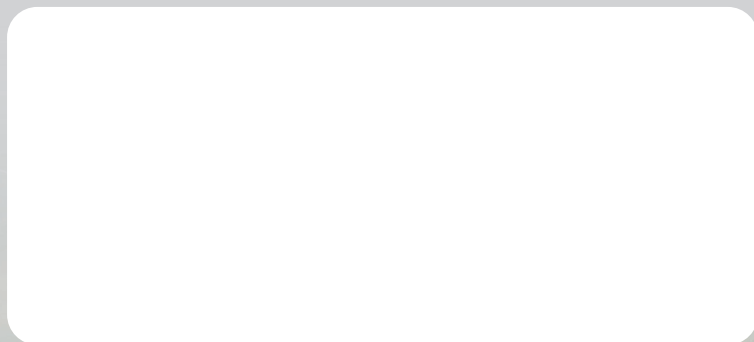


http://www.shangair.com



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美商尚爱 86668498 2018.05

经典重载机型

Classic Heavy Duty Model

真正24小时不间断安全运转

Truly 24 Hours None Stop Safe Operation

尚爱空压机 shangair Air Compressor



中高压系列、工业系列、无油系列

High Pressure Series、Industrial Series、Oil Free Series



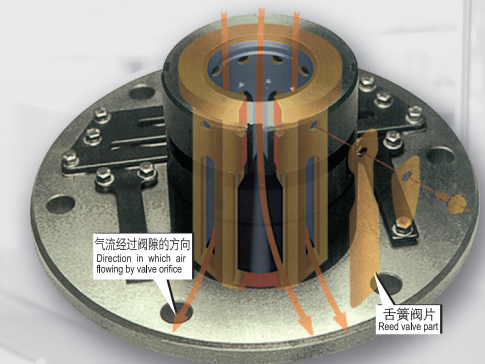


尚爱专利“多边形筒状直流阀”（专利号：00220347.2）阀片终生无断裂！

Shangair's patented technology "Polygon Cylindrical Straight Flow Valve"(Patent Number: 00220347.2). The valve plate is free from fracture during its working life!

尚爱多边形筒状直流阀，阀片采用瑞典不锈钢带制成，阀片在立体空间分布，气流沿阀片平面切向近似直线地流经阀孔阀隙，与传统的回流式气阀相比，直流阀有如下突出的优点：

The valve plate of Shangair's Polygon Cylindrical Straight Flow valve is made from the stainless steel belt imported from Sweden, the arrangement of the valve plates makes the air flow through the holes and gaps along the surface of the plates tangentially and substantially linearly .



气流对阀片冲击小，流动阻力小，噪声低，寿命长。

Low impact on the valve plate by the air flow, low flow resistance, low noise level and long working life.

由于阀片在立体空间分布，所以在有效的阀板面积上，能形成较大的阀隙通流面积，故阀隙流速低，大约是回流式气阀的1/2。而气流通过阀隙的能量损失，与流速的平方成正比。这是尚爱空气压缩机高效节能的关键。

Since the valve plate is arranged in a vertical space, in the limited valve area, a larger gap area for the flow is obtained. This makes the flow speed low. Compared with the reversed flow type air valve, the speed is only 50% of the later. Yet the energy loss of the air flow after flowing through the valve gaps is proportional with the square of the flow speed. It is the key why Shangair's air compressor is with high efficiency and energy saving.

阀隙流速低、流阻小，吸气时，吸气工作腔打开阀片所需的负压很小，因此，吸氧量增大，并且有效地减少了润滑油的上窜。

The flow speed is low in the gaps so is the flow resistance. When the air is suctioned, the negative pressure needed for the suction cavity to open the valve plate is very small. Thus, the quantity of the gas suctioned increases and the extent of the upward movement of the lubricant is decreased dramatically.

阀片的升程高度小。当阀片的升程高度小于一定值后，其撞击速度非常低，理论上阀片的寿命是无限的。

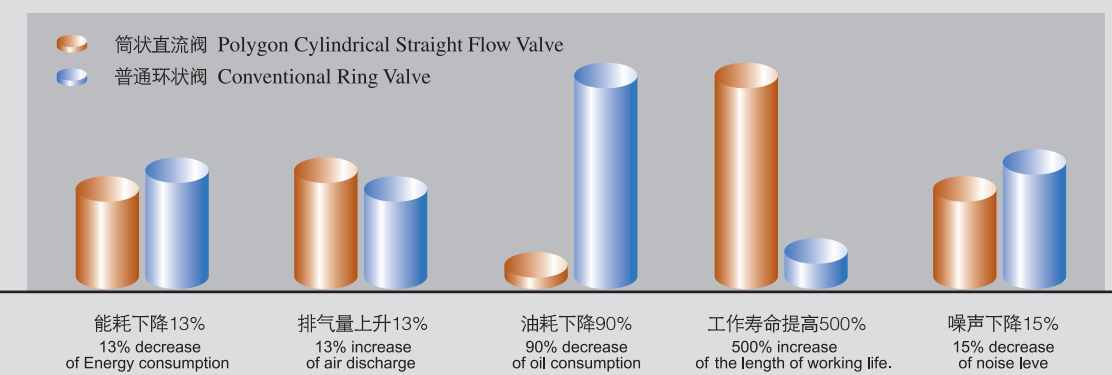
The rising journey of the valve plate is short. When the rising journey is less than a specific value, the speed of the impact of the valve plate is very low. Therefore, the working life of the valve plate is unlimited from the theoretical view.

吸、排气阀片均采用了动态特性最好的舌簧阀片，阀片开启、关闭及时，从而增加了容积效率、降低了能耗。

Suction, discharging valve plates all apply the best dynamic reed valve plates, the open and close of the valves plates is in a timely manner and so increase the volumetric efficiency and decrease the energy consumption.

筒状直流阀与普通环状阀主要性能指标比较图

Performance comparison diagram between Polygon Cylindrical Straight Flow Valve and Conventional Ring Valve



简介 PROFILE

南京尚爱是在中国研发、制造、销售尚爱精品系列高档活塞式、螺杆空气压缩机的高新技术企业。注册商标为“尚爱牌”。尚爱拥有世界一流的空气压缩技术，并且拥有一系列活塞式压缩机制造专利及最新科技成果。

NANJING SHANGAIR is a high technology enterprise which specializes in researching, developing, manufacturing and selling of the high quality reciprocating and screw air compressors with the brand of "shangair", a registered trademark in China.

Shangair is a world leading company in the field of air compressing technology, it owns a series of patented technologies in the manufacturing of reciprocating compressors as well as the most advanced technologies relating thereto.



经“机械工业通用机械产品检测所,国家压缩机制冷设备质量监督检验中心”检测,并由“江苏省科学技术厅”鉴定:产品各项技术性能指标均达到或超过国际同类产品的先进水平。精密完善、现代化尖端的加工及检测设备是尚爱压缩机精良品质的硬件基础;科学、现代化的质量管理体系能为您提供始终如一性能稳定的优质产品。

无论售前、售中、售后,只要用户需求设备技术上的帮助和咨询,本公司分布全国的经销商将在24小时内予以无偿提供有关技术支持。南京尚爱致力于为中外客户提供优质活塞式空气压缩机和压缩空气净化系统,并提供专业化、完善的优质服务。

The inspections by The General Mechanical Products Inspection institute of Machinery Industry and National Center for Quality Supervision and Test of Compressor and Refrigerating Equipment and the certification of Jiangsu Science and Technology Department show that all the performances of Shangair's high-load reciprocating compressor meet or surpass the world standard for the similar products.

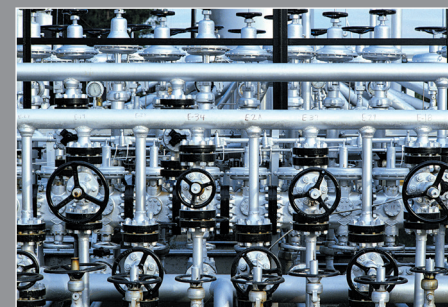
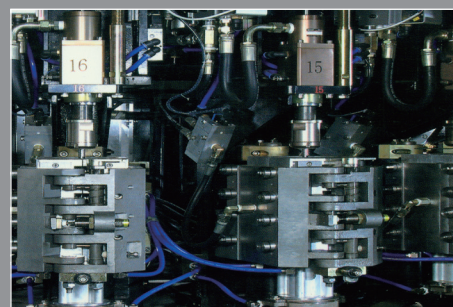
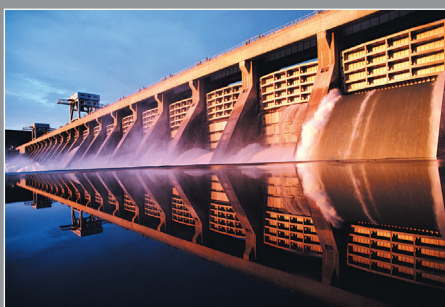
Shangair guarantees the high quality of its products by applying the most advanced machining and inspection equipments. With the scientific modern Quality Management system, Shangair is capable of offering vast customers superior products with high performance and consistent reliability.

We are happy to provide help and consultation on equipment technology whenever before and after sale, and our distributors all over the country will provide the relevant technical support within 24 hours after you call.

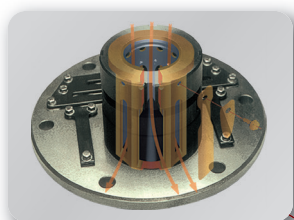
NANJING SHANGAIR focus on the supply of high quality reciprocating air compressors, compressed air cleaning system as well as professional and in time services relating thereto.

特别适用于：水电、PET吹瓶、检漏、军工等领域。

Particularly applied for: hydropower, PET bottle blowing, leakage detection and war industry, etc.



吸气阀 (气电调混合)
Suction valve (air and electric adjusting combination)



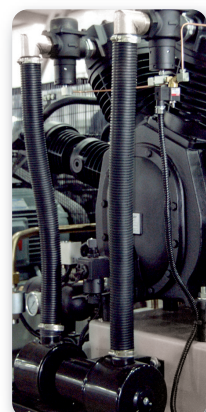
尚爱专利，筒状直流阀，阀片终身无断裂
shangair patent cylindrical direct-flow valve. The valve plate is free from fracture during its working life

活塞环采用单体浇铸镀铬环，寿命延长3-4倍。
The piston applies the integral cast chromium plating ring, the working life is extended by 3 to 4 times.



重载铸铁活塞
Heavy-duty cast iron piston

- 阀片材料均采用瑞典不锈钢带制成。
- 为确保空压机高度安全可靠，采用冗余设计原则，设置多重保护措施：卸荷、停机、开机时电磁阀全开，排水、排气，保证零压启动。
- 全自动流量调节，卸荷时自动排水、排去级间余气，确保每次启动空载。
- 定时排水阀，每次排水时间及排水间隔时间均可调节。确保空压机长时间连续运行时级间定时排水，有效地防止积水过多，发生液击事故。
- 低排气温度（排气压力7.0Mpa时，排气温度 $\leq 170^{\circ}\text{C}$ ，经后冷却器处理的出口温度仅高于环境温度 $15^{\circ}\text{C}\sim 20^{\circ}\text{C}$ ）。
- 每小时油耗小于0.17克/KW。
- 可靠性高，维修周期长；油耗极低（省油）；能耗低（省电）等特点，大大降低了整体的综合运行成本。



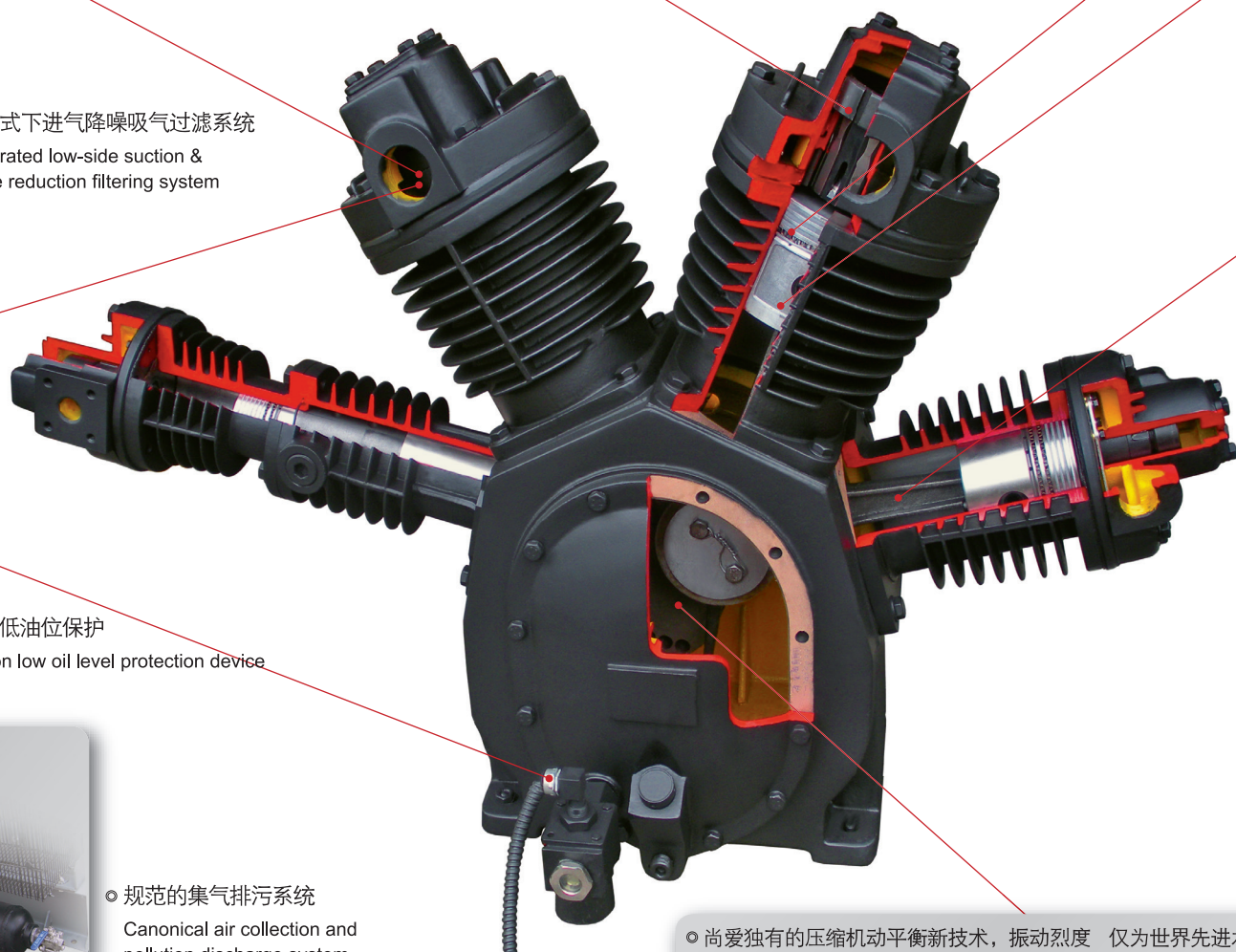
集成式下进气降噪吸气过滤系统
Integrated low-side suction & noise reduction filtering system



感应式低油位保护
Induction low oil level protection device



规范的集气排污系统
Canonical air collection and pollution discharge system



整机采用滚动轴承不再有一个轴瓦（包括连杆）
The whole unit adopts rolling bearing without bearing shell (Comprising connecting rod)



重载、长寿、低噪音主轴承
Heavy duty, long working life & low noise main bearing

尚爱独有的压缩机平衡新技术，振动烈度仅为世界先进水平的1/4
shangair's unique compressor dynamic balancing technology, The vibration is only as a quarter of the world standard.

- The valve made from the stainless steel belt imported from Sweden.
- To ensure the safe and reliable operation of the air compressor, the redundancy design concept is adopted and multi-protection measures are taken: such as loss of phase, under voltage, discharge of load, drainage while stop running, air discharge, startup under the condition pressure is zero.
- Totally automatic flow rate adjusting, automatically drain the water while discharging. The remaining air between the different levels is discharged and so ensure the unit is started up with no any load each time.
- Periodical drainage valve facilitates the adjustable time point of drainage as well as the drainage intervals. This ensures the periodical drainage between the levels when the air compressor is running for a long period of time and effectively prevents the collection of water to a big extent. Thus, it prevents the liquid slugging from happening.
- Low discharge temperature (the discharge temperature is less than 170°C when the discharge pressure is 7.0Mpa, after it is treated by the sub-cooler, the discharge temperature at the outlet is only 15°C to 20°C higher than the ambient temperature).
- The oil consumption per hour is less than 0.17g/KW.
- High reliability, long maintenance cycle, very low oil consumption (oil-saving); low energy (power saving), these dramatically reduce the general operating cost of the unit.

尚爱S系列、三级压缩、风冷式中压空压机。低速、重载、节能、耐久。最大限度地降低了使用者的设备运行成本和维护成本。是大流量、智能型中压多机联动供气系统的首选机型。8ASH是S系列中的新秀。

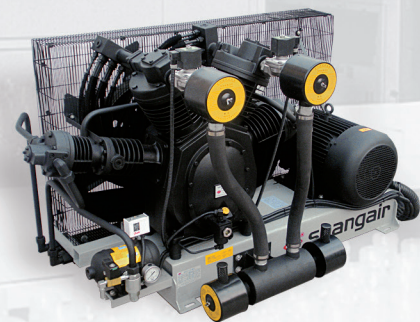
shangair S type, four column, three-stage compression, air cooling middle pressure air compressor. It features low speed, heavy duty, energy save and long durability. It greatly reduces user's equipment operation cost and maintenance expenditure to a maximum. It is a top choice machine for large capacity, intelligent, multi compressor coordination medium pressure air supply system. 8ASH is a new up-and-coming machine of S type.

业内权威，十多年吹塑机械、检漏气源配套经验，产品覆盖60多个国家和地区。

Authority in air supply field for plastic blow molding machinery, leakage detection with more than 10-year experience and sale products over 60 countries and districts on the world.

“I”型结构多机组，采用双层结构，空压机机组群占地面积减少一半。

I-type, multi-compressor system. Applying double-layer structure makes floor space reduced by half.



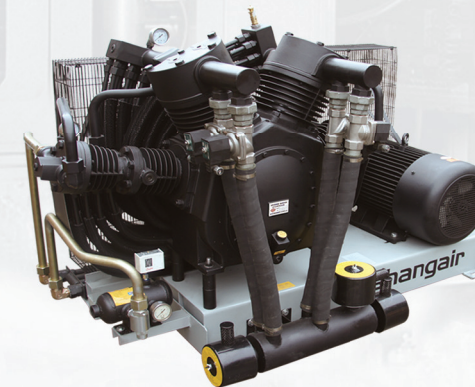
83SH

83SH中压系列(三级压缩)

排气量: 2.0m³/min
排气压力: 3.0~4.0Mpa
装机功率: 22KW(30HP)

83SH medium pressure series(three-stage)

Air discharge: 2.0m³/min
Discharge pressure: 3.0~4.0Mpa
Installed power: 22KW(30HP)



8ASH

8ASH单机组

排气量: 3.0m³/min
排气压力: 3.0~4.0Mpa
装机功率: 30kw(40HP)

8ASH Single-engine set

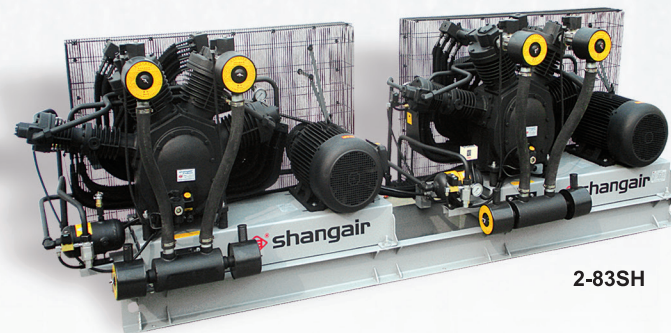
Air discharge: 3.0m³/min
Discharge pressure: 3.0~4.0Mpa
Installed power: 30kw(40HP)

83SH双机组

排气量: 4.0m³/min
排气压力: 3.0~4.0Mpa
装机功率: 22KW × 2(30HP × 2)

83SH Double-engine set

Air discharge: 4.0m³/min
Discharge pressure: 3.0~4.0Mpa
Installed power: 22KW × 2(30HP × 2)



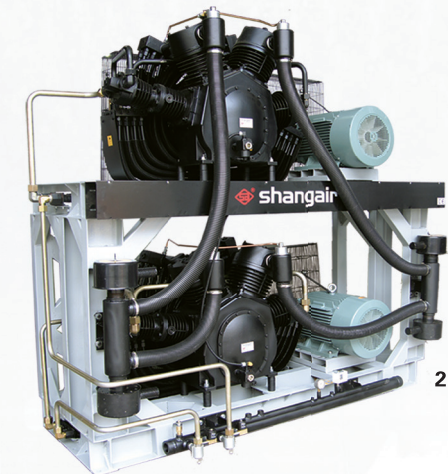
2-83SH

2I-8ASH双机组

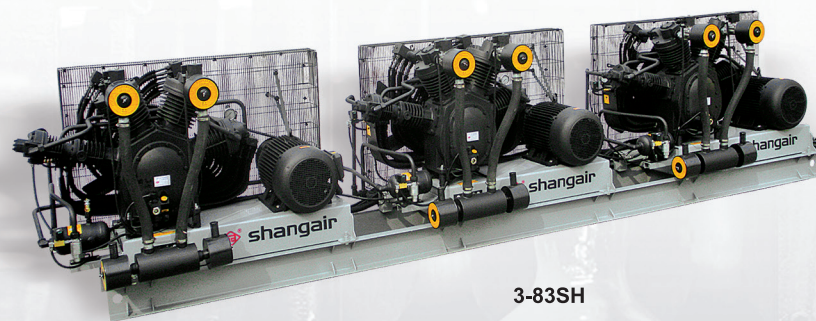
排气量: 6.0 m³/min
排气压力: 4.0Mpa
装机功率: 30kw × 2(40HP × 2)

2I-8ASH Double-deck set

Air discharge: 6.0m³/min
Discharge pressure: 4.0Mpa
Installed power: 30kw × 2(40HP × 2)



2I-8ASH



3-83SH

83SH三机组

排气量: 6.0m³/min
排气压力: 3.0~4.0Mpa
装机功率: 22KW × 3(30HP × 3)

83SH Three-engine set

Air discharge: 6.0m³/min
Discharge pressure: 3.0~4.0Mpa
Installed power: 22KW × 3(30HP × 3)

83SH双层结构机组

排气量: 4.0m³/min
排气压力: 3.0~4.0Mpa
装机功率: 22KW × 2(30HP × 2)

83SH Double-deck set

Air discharge: 4.0m³/min
Discharge pressure: 3.0~4.0Mpa
Installed power: 22KW × 2(30HP × 2)



2I-83SH

中压系列技术参数(83SH及8ASH) Medium Pressure Series Technical Features (83SH and 8ASH)

机头型号 Model No. of the engine	机组型号 Model No.	排气量 Nm ³ /min Air discharge	排气压力 Mpa Discharge pressure	压缩级数 Levels of compression	电机功率 KW Motor power	转速 r.p.m Running speed	重量 KG Weight	尺寸长×宽×高(mm) Size (length, width, height)	低油位保护 Low oil level protection device	吸气膜片阀 (气电调混合) Suction diaphragm valve (air and electric adjusting combination)	集成式 降噪吸气 过滤系统 Integrated noise reduction and suction filter system	启动模式 Starting method
83SH	83SH-2230	2.0	3.0	3	22	630	680	1800×1020×1050	☆	☆	☆	直接启动 Direct
	2-83SH-2230	4.0			22×2	630	1550	3710×1100×1200	☆	☆	☆	
	2I-83SH-2230	4.0			22×2	630	1500	2160×1050×2000	☆	☆	☆	
	3-83SH-2230	6.0	22×3		630	2520	5600×1100×1200	☆	☆	☆		
	83SH-2240	2.0	4.0		22	630	680	1800×1020×1050	☆	☆	☆	
	2-83SH-2240	4.0			22×2	630	1550	3710×1100×1200	☆	☆	☆	
	2I-83SH-2240	4.0			22×2	630	1500	2160×1050×2000	☆	☆	☆	
3-83SH-2240	6.0	22×3		630	2520	5600×1100×1200	☆	☆	☆			
8ASH	8ASH-3040	3.0	4.0	3	30	660	950	2260×1055×1230	☆	☆	☆	Y-△或软启动 Y-△ or soft start
	2I-8ASH-3040	6.0	4.0	3	30×2	660	1598	2420×1070×2490	☆	☆	☆	

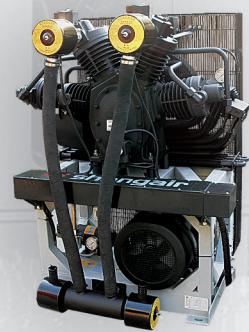
注: 1、“☆”-标准配置; “○”-选配, 订货供应。
2、如需要供应星三角启动控制柜, 另行收费。
3、可根据您生产的实际需求, 为您量身定制专业的中高压供气系统。
4、(I) - 在83SH系列中为双层布置。
5、Y-△—降压启动。

Note: 1、“☆”- Standard features; “○”- Select and match, custom supply.
2、Star-delta control cabinet can be supplied with additional charge.
3、We can customize medium-and high-pressure air supply system according to your actual productin demand.
4、(I) -double deck construction, which is applicable to 83SH series.
5、Y-△—reduced-voltage starting.

中压系列-PET吹瓶专用产品介绍

Medium Pressure Series Bottle-blowing Specialized Product

尚爱气源为您的吹塑机械提供最好的动力源。
shangair Source-Supply the best air power source for your plastic blow molding machinery.



09SH (T)



2-09SH
(T, double-engine set)



4-09SH (T, four-engine set)

09SH中压系列(三级压缩)

排气量: 1.3~6.4m³/min
排气压力: 4.0Mpa
装机功率: 15KW(20HP)~18.5KWx4(25HPx4)

09SH medium pressure series(three-stage)

Air discharge: 1.3~6.4m³/min
Discharge pressure: 4.0Mpa
Installed power: 15KW(20HP)~18.5KWx4(25HPx4)

中压系列技术参数(09SH系列) Medium Pressure Series Technical Features (09SH Series)

机头型号 Model No. of the engine	机组型号 Model No.	排气量 Nm ³ /min Air discharge	排气压力 Mpa Discharge pressure	压缩级数 Levels of compression	电机功率 KW Motor power	转速 r.p.m Running speed	重量 KG Weight	尺寸长 x 宽 x 高(mm) Size (length, width, height)	低油位保护 Low oil level protection device	吸气膜片阀 (气电调混合) Suction diaphragm valve (air and electric adjusting combination)	集成式 降噪吸气 过滤系统 Integrated noise reduction and suction filter system	启动模式 Starting method
09SH	09SH-1540T	1.3	4.0	3	15	670	550	1140×1050×1430	☆	☆	☆	直接启动 Direct
	2-09SH-1540T	2.6			15×2	670	1120	2300×1100×1600	☆	☆	☆	
	3-09SH-1540T	3.9			15×3	670	1700	3500×1100×1600	☆	☆	☆	
	4-09SH-1540T	5.2			15×4	670	2270	4650×1100×1600	☆	☆	☆	
	09SH-1840T	1.6			18.5	730	540	1140×1050×1430	☆	☆	☆	
	2-09SH-1840T	3.2			18.5×2	730	1150	2300×1100×1600	☆	☆	☆	
	3-09SH-1840T	4.8			18.5×3	730	1750	3462×1100×1600	☆	☆	☆	
	4-09SH-1840T	6.4			18.5×4	730	2360	4625×1100×1600	☆	☆	☆	

注: 1、“☆”-标准配置; “○”-选配, 订货供应。

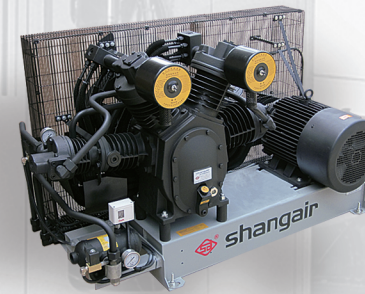
- 2、T-立式
- 3、可根据您生产的实际需求, 为您量身订制专业的中压供气系统。

Note: 1、“☆”- Standard features; “○”- Select and match, custom supply.

- 2、T-Vertical
- 3、We can customize medium pressure air supply system according to your actual production demand.

中压系列-PET吹瓶专用产品介绍

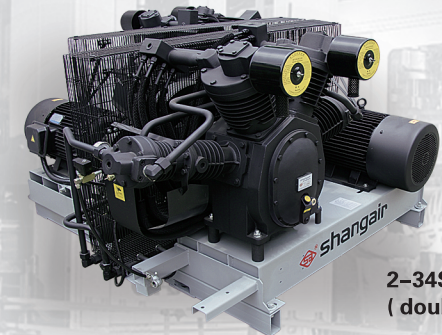
Medium Pressure Series Bottle-blowing Specialized Product



34SH

34SH中压系列(三级压缩)

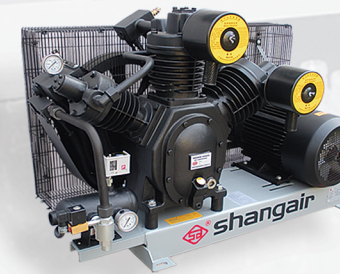
排气量: 1.3~6.4 m³/min
排气压力: 3.0Mpa
装机功率: 15KW(20HP)~18.5KW × 4 (25HP × 4)



2-34SH
(double-engine set)

34SH medium pressure series(three-stage)

Air discharge: 1.3~6.4 m³/min
Discharge pressure: 3.0Mpa
Installed power: 15KW(20HP)~18.5KW × 4 (25HP × 4)



09WM

09WM中压系列(两级压缩)

排气量: 1.0~2.4m³/min
排气压力: 3.0Mpa
装机功率: 11KW(15HP)~15KW × 2 (20HP × 2)



09WM (YQ)

09WM medium pressure series(two-stage)

Air discharge: 1.0~2.4m³/min
Discharge pressure: 3.0Mpa
Installed power: 11KW(15HP)~15KW × 2 (20HP × 2)

中压系列技术参数(34SH、09WM系列) Medium Pressure Series Technical Features (34SH, 09WM Series)

机头型号 Model No. of the engine	机组型号 Model No.	排气量 Nm ³ /min Air discharge	排气压力 Mpa Discharge pressure	压缩级数 Levels of compression	电机功率 KW Motor power	转速 r.p.m Running speed	重量 KG Weight	尺寸长 x 宽 x 高(mm) Size (length, width, height)	低油位保护 Low oil level protection device	吸气膜片阀 (气电调混合) Suction diaphragm valve (air and electric adjusting combination)	集成式 降噪吸气 过滤系统 Integrated noise reduction and suction filter system	启动模式 Starting method
34SH	34SH-1530	1.3	3.0	3	15	670	650	1601×868×938	○	○	○	直接启动 Direct
	2-34SH-1530	2.6			15×2	670	1500	2057×1966×1052	○	○	○	
	34SH-1530T	1.3			15	670	550	1130×875×1388	○	○	○	
	2-34SH-1530T	2.6			15×2	670	1120	2300×1003×1560	○	○	○	
	3-34SH-1530T	3.9			15×3	670	1700	3462×978×1568	○	○	○	
	4-34SH-1530T	5.2			15×4	670	2270	4625×978×1568	○	○	○	
	34SH-1830	1.6			18.5	730	660	1601×868×938	○	○	○	
	2-34SH-1830	3.2			18.5×2	730	1510	2057×1966×1052	○	○	○	
	34SH-1830T	1.6			18.5	730	550	1130×875×1388	○	○	○	
	2-34SH-1830T	3.2			18.5×2	730	1150	2300×1003×1560	○	○	○	
	3-34SH-1830T	4.8			18.5×3	730	1750	3462×978×1568	○	○	○	
	4-34SH-1830T	6.4			18.5×4	730	2300	4625×978×1568	○	○	○	
09WM	09WM-1130	1.0	3.0	2	11	600	420	1360×796×870	○	○	○	直接启动 Direct
	09WM-1130-YQ	1.0			11	600	546	1740×796×1033	○	○	○	
	2-09WM-1130	2.0			11×2	600	1050	1430×1690×1015	○	○	○	
	09WM-1130H	1.2			11	630	420	1360×796×870	○	○	○	
	09WM-1130H-YQ	1.2			11	630	546	1740×796×1033	○	○	○	
	2-09WM-1130H	2.4			11×2	630	1090	1430×1690×1015	○	○	○	
	09WM-1530	1.2			15	670	430	1360×796×870	○	○	○	
	09WM-1530-YQ	1.2			15	670	580	1740×796×1033	○	○	○	
	2-09WM-1530	2.4			15×2	670	1150	1430×1690×1015	○	○	○	

YQ: 配有缓冲罐 H: 高转速 T: 立式

YQ: Equipped with a buffer tank H: High Rotating Speed T: Vertical

增压型中压空气压缩机 Pressurized Medium Pressure Air Compressor

LZ系列风冷螺杆增压系统 LZ series air-cooling screw-booster system



- 结构紧凑，占地小，安装便捷。
Compact structure, less cover area, and easier installation.
- 低噪音，低震动，易操作。
Lower noise, lower vibration, and easier operation.
- 技术成熟，经济实用。
Proven technique, more economic and practical.

技术参数 Technical Specifications:

型号 Model	流量 Nm ³ /min Air discharge	排气压力MPa Discharge pressure	电机功率KW Motor power	重量KG Weight	尺寸长×宽×高(mm) Size(length, width, height)	压力调节模式 Mode of pressure adjusting
LZ-4.0/10/30	4.0	3.0	48.5	1335	2025 × 1416 × 1800	电调模式 Electronical adjusting
LZ-6.0/10/30	6.0	3.0	67	1720	2150 × 1650 × 1650	



35VZ



41WZ、42WZ



85SZ

35VZ、41WZ、42WZ、85SZ 增压系列

流量：3.0~10m³/min
排气压力：3.0~5.0Mpa(吸气压力0.7~1.0Mpa)
装机功率：18.5KW(25HP)

35VZ、41WZ、42WZ、85SZ Pressure boosting series

Air discharge: 3.0~10m³/min
Discharge pressure: 3.0~5.0Mpa(suction pressure 0.7~1.0Mpa)
Installed power: 18.5KW(25HP)

增压系列技术参数 Pressure Boosting Series Technical Features

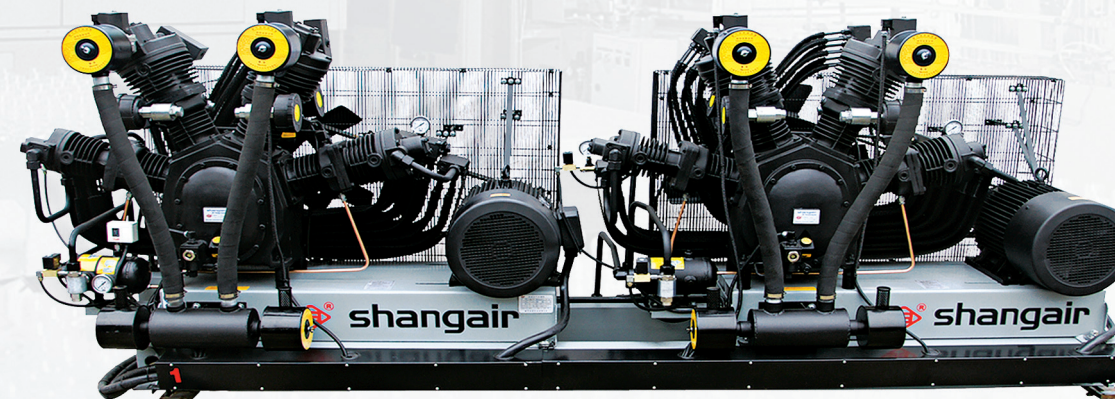
机头型号 Model No. of the engine	机组型号 Model No.	流量 Nm ³ /min Air discharge	吸气压力 Mpa Suction pressure	排气压力 Mpa Discharge pressure	压缩级数 Levels of compression	电机功率 KW Motor power	转速 r.p.m Running speed	重量 KG Weight	尺寸长×宽×高(mm) Size(length, width, height)	压力调节模式 Mode of pressure adjusting	
35VZ	35VZ-4.00/10/40	4.0	1.0	4.0	一级增压 one-stage	18.5	800	550	1600×800×1200	电调模式 Electronical adjusting	
	2I-35VZ-8.00/10/40	8.0	1.0	4.0		18.5×2	800	1400	2200×1000×2050		
41WZ	41WZ-3.00/8/50	3.0	0.8	4.0	二级增压 two-stage	18.5	760	550	1500×800×1230		
	2-41WZ-6.00/8/50	6.0	0.8	4.0		18.5×2	760	1150	1615×1850×1300		
42WZ	42WZ-3.00/8/40	3.0	0.8	4.0		18.5	670	550	1500×800×1230		
	2-42WZ-6.00/8/40	6.0	0.8	4.0		18.5×2	670	1150	1615×1850×1300		
	42WZ-4.00/8/40	4.0	0.8	4.0		18.5	760	550	1352×800×1230		
	2-42WZ-8.00/8/40	8.0	0.8	4.0		18.5×2	760	1150	1615×1850×1300		
85SZ	85SZ-6.0/10/30	6.0	1.0	3.0		一级增压 one-stage	22	630	650	1900×1000×1300	气电调模式 Gas-electronical adjusting

中压无油系列空气压缩机 Medium Pressure Oil-free Series Air Compressor



尚爱S型、四列、三级压缩、风冷却无油中压空气压缩机，保持了尚爱机型传统的低速、重载、节能、耐久之优势，采用多项具有尚爱自主知识产权的专利技术，使输出气体无油，是吹瓶、食品、生物、化工等行业的理想空压机。

Shangair medium-pressure oil free air compressors, featuring S-type, four columns, three-stage compression and air cooling, retain traditional advantages of low speed, heavy duty, saving energy and long durability, adopt multiple patent technologies with Shangair proprietary intellectual property rights ensuring the output air against oil, which become perfect machines for PET bottle blowing, food, biology and chemical industry, etc.



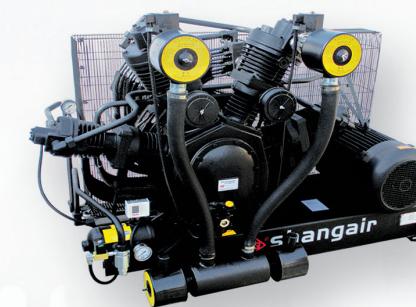
2-83SW (double-engine set)

83SW 无油中压系列 (三级压缩)

排气量：1.9~5.7m³/min
排气压力：3.0~4.0Mpa
装机功率：22KW(30HP)
~22KW × 3(30HP × 3)

83SW Oil-free Mid-Pressure Series(three-stage)

Air discharge: 1.9~5.7m³/min
Discharge pressure: 3.0~4.0Mpa
Installed power: 22KW(30HP)
~22KW × 3(30HP × 3)



83SW

中压无油系列技术参数(83SW系列) Medium Pressure Oil-free Series Technical Features (83SW Series)

机头型号 Model No. of the engine	机组型号 Model No.	排气量 Nm ³ /min Air discharge	排气压力 Mpa Discharge pressure	压缩级数 Levels of compression	电机功率 KW Motor power	转速 r.p.m Running speed	重量 KG Weight	尺寸长×宽×高(mm) Size(length, width, height)	低油位保护 Low oil level protection device	吸气膜片阀 (气电调混合) Suction diaphragm valve (air and electric adjusting combination)	集成式降噪音吸气过滤系统 Integrated noise reduction and suction filter system	启动模式 Starting method
83SW	83SW-2230	1.9	3.0	3	22	600	730	1880×1070×1180	☆	☆	☆	直接启动 Direct
	2-83SW-2230	3.8			22×2	600	1600	3750×1110×1320	☆	☆	☆	
	3-83SW-2230	5.7			22×3	600	2570	5635×1110×1320	☆	☆	☆	
	83SW-2240	1.9	4.0		22	600	730	1880×1070×1180	☆	☆	☆	
	2-83SW-2240	3.8			22×2	600	1600	3750×1110×1320	☆	☆	☆	
	3-83SW-2240	5.7			22×3	600	2570	5635×1110×1320	☆	☆	☆	

注：1、“☆”-标准配置；“○”-选配，订货供应。
2、如需要供应星三角启动控制柜，另行收费。
3、可根据您生产的实际需求，为您量身订制专业的中高压供气系统。

Note: 1、“☆”- Standard features; “○”- Select and match, custom supply.
2、Star-delta control cabinet can be supplied with additional charge.
3、We can customize medium-and high-pressure air supply system according to your actual productin demand.

智能型中压多机联动供气系统

Intelligent Medium Pressure Coordinated Air Supply System

专为全自动多腔高速旋转式吹瓶机量身定制。

system is tailored specially for automatic multi-cavity high speed rotating blowers

● 工作原理:

计算机智能控制的供气系统适时监控吹瓶机的工作及高压用气需求状况:当吹瓶机用气需求量小时,系统自动停止多余的机组;当吹瓶机用气需求量增大时,系统自动启动缺少的机组;当吹瓶机有瞬间大气量需求时,系统将通过判断适时投入相应的瞬间大气量。

计算机智能控制,实现吹瓶机高压用气需求量与供气系统的产气量高度一致,最大限度地节约电能,降低生产成本。

● 供气系统特点:

节约能源,降低生产成本。

将故障停机停产风险降至更低,确保连续性供气,杜绝停产损失。特别适合必须不间断连续供气的场合。

计算机控制,高度智能化,且操作简便直观。

维护维修简便,无需专业人士,无需专用设备装置。

● 机组特点:

采用低转速、重载型、全轴承主机,最保守的设计,故障率降至最低。

“下进气降噪系统”,噪音更低,吸气温度更低。

多年的技术积累,精益求精的整体设计,充分考虑到使用、维护、维修的每一个细节。



用户现场 (User's Local Spot)

● Working principle:

Computer-controlled air supply system monitor operation status of blowing machine and demand for high-pressure air: when air demand of blowing machine is low, the air supply system will automatically stop operating the redundant air compressors; when air demand of blowing machine is high, the air supply system will automatically activate other air compressors; when blowing machine instantly demand a large amount of air, the air supply system will supply the air by making judgment.

Computer control ensures that air demand of blowing machine is highly consistent with air supplied by the air system and electricity can be saved to the greatest extent, and production cost can be reduced to the greatest extent.

● Characteristics of air supply system:

Save energy and reduce production cost.

Reduce the risk of having to stop production or air supply, ensure continuous air supply, prevent shutdown loss; especially suitable for an occasion when continuous air supply is needed.

Computer-controlled, highly intelligent, easy operation.

Easy to maintain and repair; require no professionals and special equipment.

● Characteristics of air compressor set:

Use log-speed, heavy-load and full-bearing air compressor; the design of air compressor is most conservative in order to minimize failure rate.

“Lower-side air intake noise reduction system” features lower noise and suction temperature.

Many years technical experience; exquisite design; give full consideration to operation, maintenance and repair of the air supply system.



中压系列—通用型产品介绍

Medium Pressure Series General Use Product



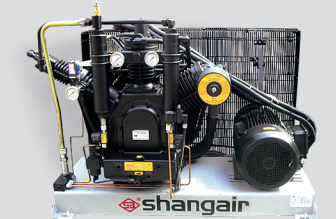
30、37、38、39V

30V、37V、38V、39V中压系列(两级压缩)

排气量: 0.35~0.8m³/min
排气压力: 3.5~7.0Mpa
装机功率: 7.5KW(10HP)~11KW(15HP)

30V、37V、38V、39V medium pressure series(two-stage)

Air discharge:0.35~0.8m³/min
Discharge pressure:3.5~7.0Mpa
Installed power:7.5KW(10HP)~11KW(15HP)



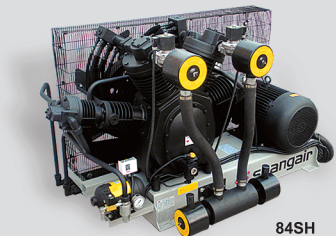
60W、70W

46W、60W、70W、71W中压系列(三级压缩)

排气量: 0.4~4.4m³/min
排气压力: 5.0~10.0Mpa
装机功率: 7.5KW(10HP)~15KW×4 (20HP×4)

46W、60W、70W、71W medium pressure series(three-stage)

Air discharge:0.4~4.4m³/min
Discharge pressure:5.0~10.0Mpa
Installed power: 7.5KW(10HP)~15KW×4 (20HP×4)



84SH

84SH中压系列(三级压缩)

排气量: 1.7~5.1m³/min
排气压力: 5.0Mpa
装机功率: 22KW(30HP)~22KW×3 (30HP×3)

84SH medium pressure series(three-stage)

Air discharge:1.7~5.1m³/min
Discharge pressure: 5.0Mpa
Installed power: 22KW(30HP)~22KW×3 (30HP×3)

中压系列技术参数(通用型) Medium Pressure Series Technical Features (General Use)

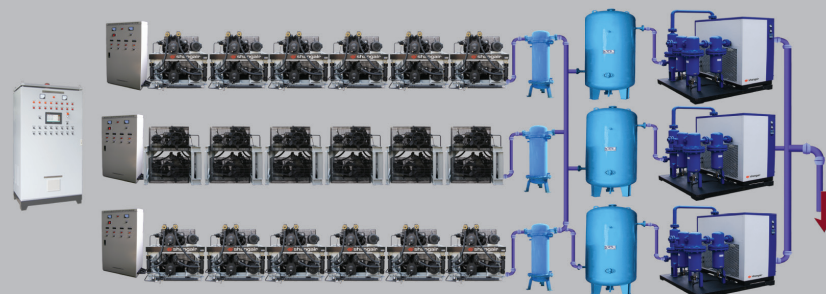
机头型号 Model No. of the engine	机组型号 Model No.	排气量 Nm ³ /min Air discharge	排气压力 Mpa Discharge pressure	压缩级数 Levels of compression	电机功率 KW Motor power	转速 r.p.m Running speed	重量 KG Weight	尺寸长×宽×高(mm) Size (length, width, height)	低油位保护 Low oil level protection device	吸气膜片阀 (气电混合) Suction diaphragm valve (air and electric adjusting combination)	集成式 降噪吸气 过滤系统 Integrated noise reduction and suction filter system	启动模式 Starting method
30VM	30VM-0735	0.35	3.5	2	7.5	820	320	1300×800×900	○	○	○	直接启动 Direct
	30VM-0735-YQ	0.35	3.5	2	7.5	820	420	1800×800×1030	○	○	○	
37VM	37VM-0750	0.4	5.0	2	7.5	620	410	1400×800×950	○	○	○	
	37VM-0970	0.4	7.0	2	9	620	420	1400×800×950	○	○	○	
38VM	38VM-0930L	0.65	3.0	2	9	700	375	1400×800×950	○	○	○	
	38VM-0930L-YQ	0.65	3.0	2	9	700	440	1825×805×1035	○	○	○	
	38VM-0930	0.75	3.0	2	9	500	380	1400×800×950	○	○	○	
	38VM-0930-YQ	0.75	3.0	2	9	500	460	1825×805×1035	○	○	○	
39VM	39VM-0940	0.6	4.0	2	9	600	390	1400×800×950	○	○	○	
	39VM-0940-YQ	0.6	4.0	2	9	600	510	1825×805×1035	○	○	○	
	39VM-1140	0.8	4.0	2	11	800	410	1400×800×950	○	○	○	
46WH	39VM-1140-YQ	0.8	4.0	2	11	800	520	1825×805×1035	○	○	○	
	46WH-1550T	1.1	5.0	3	15	730	500	1100×900×1700	○	○	○	
	2-46WH-1550T	2.2	5.0	3	15×2	730	1200	2274×900×1700	○	○	○	
	3-46WH-1550T	3.3	5.0	3	15×3	730	1800	3436×900×1700	○	○	○	
60WH	4-46WH-1550T	4.4	5.0	3	15×4	730	2400	4598×900×1700	○	○	○	
	60WH-0760	0.4	6.0	3	7.5	620	420	1451×869×1123	○	○	○	
	60WH-1160	0.6	6.0	3	11	670	450	1451×869×1123	○	○	○	
	2-60WH-1160	1.2	6.0	3	11×2	670	950	2050×1500×1200	○	○	○	
	60WH-1160H	0.8	6.0	3	11	820	450	1451×869×1123	○	○	○	
	2-60WH-1160H	1.6	6.0	3	11×2	820	950	2050×1500×1200	○	○	○	
70WH	70WH-1170	0.6	7.0	3	11	670	540	1524×920×1100	○	○	○	
	70WH-1570	1.0	7.0	3	15	820	550	1524×920×1100	○	○	○	
71WH	2-70WH-1570	2.0	7.0	3	15×2	820	1100	2000×1600×1100	○	○	○	
	71WH-11100T	0.6	10.0	3	11	500	540	1070×850×1550	○	○	○	
	71WH-15100T	0.95	10.0	3	15	760	540	1070×850×1550	○	○	○	
84SH	84SH-2250	1.7	5.0	3	22	670	680	1760×1059×998	☆	☆	☆	
	2-84SH-2250	3.4	5.0	3	22×2	670	1550	3704×1095×1178	☆	☆	☆	
	2I-84SH-2250	3.4	5.0	3	22×2	670	1500	2157×1040×2001	☆	☆	☆	
	3-84SH-2250	5.1	5.0	3	22×3	670	2520	5570×1095×1178	☆	☆	☆	

可根据您生产的实际需求,为您量身定制专业的中压供气系统。

We can customize medium pressure air supply system according to your actual production demand.

PLC控制多机联动空气系统配置示意图(仅供参考)

Sketch of Multi-Compressor Linkage System Controlled by PLC(Reference Only)



*YQ: 配有缓冲罐 H: 高转速 L: 低转速 T: 立式

*YQ: Equipped with a buffer tank H: High Rotating Speed L: Low Rotating Speed T: Vertical

中压系列-水电站专用型产品介绍

Medium Pressure Series Specially Used For Hydropower Station

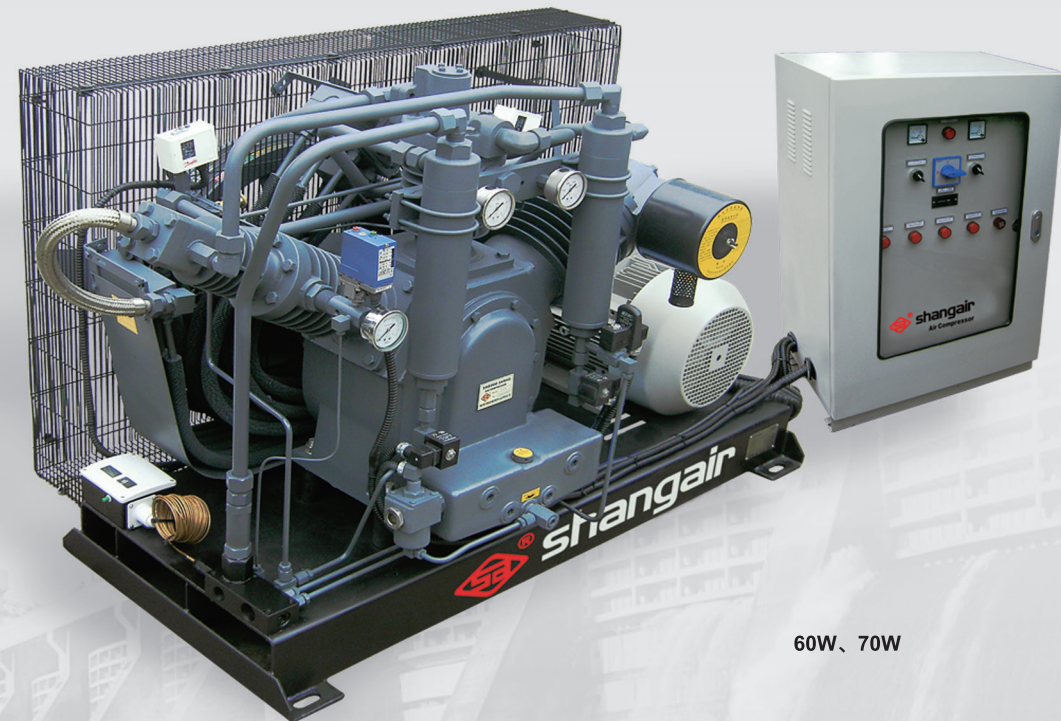


水电站专用(60W、70W、71W)系列(三级压缩)

排气量: 0.4~2.0m³/min
 排气压力: 6.0~10.0Mpa
 装机功率: 7.5KW(10HP)~15 KW × 2(20HP × 2)

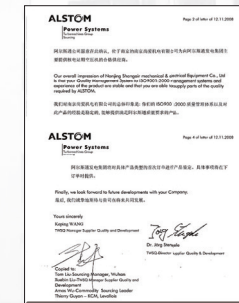
(60W、70W、71W)Series specially used for water distribution station(three-stage)

Air discharge: 0.4~2.0m³/min
 Discharge pressure: 6.0~10.0Mpa
 Installed power: 7.5KW(10HP)~15 KW × 2(20HP × 2)



60W、70W

法国阿尔斯通发电集团核电站专用空压机 Compressor Specially Used for France's Alstom Nuclear Power Station



根据您不同的需求,特别设计并制造!
 Basis your diverse need, We will design and make specially.



中高压系列技术参数(水电站专用)

High Pressure Series Technical Features (Specially Used for Hydropower Station)

机头型号 Model No. of the engine	机组型号 Model No.	排气量 Nm ³ /min Air discharge	排气压力 Mpa Discharge pressure	压缩级数 Levels of compression	电机功率 KW Motor power	转速r.p.m Running speed	重量 KG Weight	尺寸长×宽×高(mm) Size (length, width, height)	低油位保护 Low oil level protection device	吸气膜片阀 (气电调混合) Suction diaphragm valve (air and electric adjusting combination)	集成式 降噪吸气 过滤系统 Integrated noise reduction and suction filter system	启动模式 Starting method
30VMS	30VMS-0735	0.35	3.5	2	7.5	820	320	1285×700×840	☆	○	○	直接启动 Direct
37VMS	37VMS-0750	0.4	5.0	2	7.5	620	410	1400×800×950	☆	○	○	
	37VMS-0970	0.4	7.0	2	9	620	420	1400×800×950	☆	○	○	
46WHS	46WHS-1550	1.1	5.0	3	15	730	500	1530×920×1100	☆	○	○	
	60WHS-0760	0.4	6.0	3	7.5	620	420	1451×869×1123	☆	○	○	
60WHS	60WHS-1160	0.6	6.0	3	11	670	450	1451×869×1123	☆	○	○	
	2-60WHS-1160	1.2	6.0	3	11×2	670	950	1900×1800×1300	☆	○	○	
	60WHS-1160H	0.8	6.0	3	11	820	450	1451×869×1123	☆	○	○	
	2-60WHS-1160H	1.6	6.0	3	11×2	820	950	1900×1800×1300	☆	○	○	
70WHS	70WHS-1170	0.6	7.0	3	11	670	540	1524×920×985	☆	○	○	
	70WHS-1570	1.0	7.0	3	15	820	550	1524×920×985	☆	○	○	
	2-70WHS-1570	2.0	7.0	3	15×2	820	1100	2000×1900×1100	☆	○	○	
71WHS	71WHS-11100T	0.58	10.0	3	11	500	540	1070×850×1550	☆	○	○	
	71WHS-15100T	0.95	10.0	3	15	760	550	1070×850×1550	☆	○	○	

H: 高转速 T: 立式
 H: High Rotating Speed T: Vertical

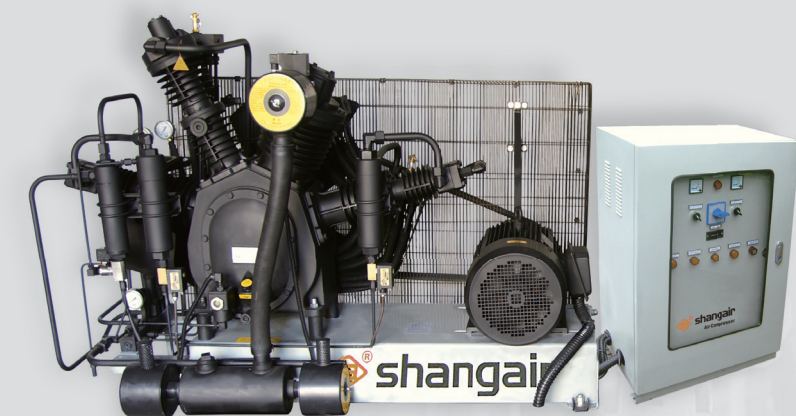


高低压空气系统集成配置, 压缩空气后处理系统完善合理。
 Integration of high pressure and low pressure air system. Perfect and reasonable after-treatment system of compressed air.

S型高压系列空气压缩机技术参数

Technical Parameters for S Type High Pressure Series Air Compressor

机组 Machine Set	主机型号 Model of Main Machine	机组型号 Model No.	排气量 Nm ³ /min Air Capacity	排气压力 Mpa Pressure	压缩级数 Levels of Compression	电机功率 KW Motor Power	转速 r.p.m Running Speed	重量 KG Weight	尺寸 长×宽×高(mm) Size(length, width, height)
单机组 Single Unit	80SH	80SH-15150	0.75	15.0	4	15	630	680	1678×1035×1160
	80SH	80SH-15250	0.75	25.0			630		1678×1035×1160
	81SH	81SH-15350	0.65	35.0			630		1700×1040×1100
双机组 Double Unit	2-80SH	2-80SH-15150	1.5	15.0	4	15×2	630	1550	4030×1150×1250
	2-80SH	2-80SH-15250	1.5	25.0			630		4030×1150×1250
	2-81SH	2-81SH-15350	1.3	35.0			630		4030×1150×1250



80SH, 81SH

S型高压系列空气压缩机

排气量: 0.75 ~ 1.5m³/min
排气压力: 15.0 ~ 35.0Mpa
装机功率: 15KW(20HP)
~15KW × 2 (20HP × 2)

S Type High Pressure Series Air Compressor

Air discharge: 0.75 ~ 1.5m³/min
Discharge pressure: 15.0 ~ 35.0Mpa
Installed power : 15KW(20HP)
~15KW × 2 (20HP × 2)



2-80SH, 2-81SH (double-engine set)

尚爱高压空气压缩机系列产品简介

Brief Introduction to Shangair High Pressure Air Compressor

- ▶ 扇(S)形结构, 四级压缩, 风冷却往复活塞式。
- ▶ S type, four stage compression, air-cooling reciprocating piston air compressor.
- ▶ 曲轴为单悬臂支撑结构, 具有极好的可装拆维修性。主轴承采用精密圆柱滚子轴承; 连杆大小头为特制滚针轴承, 负载能力超强, 全机无轴瓦, 摩擦功耗低, 抗恶劣工况能力强。
- ▶ The crankshaft adopts single cantilever support structure, which feature excellent installation, detachment and maintenance. Main bearings apply precision column roller bearing, and special-made needle bearings with superior loading capacity are used on both ends of the connecting rod. No bearing bush applied to the whole machine, low friction consumption, strong ability of resisting tough conditions.
- ▶ 尚爱独创的惯性力矩平衡设计准则及制作工艺, 整机振动烈度极低。
- ▶ Shangair unique inertia moment balance design and workmanship guarantee extremely low vibration on the whole machine.
- ▶ 吸气部分采用尚爱专利技术: 阻抗复合式吸气消声器和下进气布置。吸气温度低, 噪声超常低。
- ▶ The inhalation unit adopts Shangair patented techniques: impedance compound suction muffler and low-side inlet disposition. Low suction temperature and noise.
- ▶ 高效节能长寿命气阀。1、2级采用尚爱专利技术“多边形筒状直流阀”, 3、4级采用尚爱研发的经多年运行考验与优化的高效组合环状阀。
- ▶ High efficiency, energy conservation and long working life gas valve. Shangair patent technology “polygon cylindrical straight-flow valve” adopted at the first stage and second stage, highly efficient combination ring vale, which is researched and developed by Shangair after many years operation test and optimization, applied to the third stage and fourth stage.
- ▶ 尚爱独特的控油设计, 整机油耗极低。
- ▶ Shangair particular oil controlling design has realized extremely low oil consumption.
- ▶ 排污系统采用尚爱独创的专利技术, 大通径气控排污阀、电磁排气阀、旋风气水分离器及电子定时控制器的巧妙结合, 使排污迅速、彻底、可靠。
- ▶ Drainage system employ a masterly combination of Shangair patent large size air-controlling pollution release valve, electromagnetic air discharge valve, whirlwind gas & water separator and electrical timing controller, to assure a swift, thorough and reliable sewage disposal.
- ▶ 确保空载零压启动的冗余控制技术: 吸气口设有膜片阀, 启动时数秒钟内关闭吸气口; 启/停时排污排气阀全部打开, 保证内压为零。
- ▶ Redundancy control technology ensuring a unloading start at zero pressure: the diaphragm valve set at the suction port will close air intake within several seconds when the machine starts; all valves for releasing air and pollution will open when machine is at on/off condition to guarantee zero pressure inside.
- ▶ 流量调节模式为电调与气调混合式, 方便用户选择使用。
- ▶ Two flow adjusting modes are available: electrical adjustment and pneumatic adjustment, which is convenient for users to choose.
- ▶ 模块化设计, 便于组成多机组, 使产气量成倍增加, 方便用户选择。
- ▶ Modular design makes it accessible to consist multi-compressor set, to redouble air output, and users can select easily.



07V系列
 排气量: 0.6~1.0m³/min
 排气压力: 0.8~1.0MPa
 装机功率: 5.5KW (7.5HP)
 ~7.5KW (10HP)

07V Series
 Air discharge:0.6~1.0m³/min
 Discharge pressure:0.8~1.0MPa
 Installed power:5.5KW (7.5HP)
 ~7.5KW (10HP)



18W 系列
 排气量: 1.3~2.0m³/min
 排气压力: 2.0MPa
 装机功率: 15KW (20HP)
 ~ 18.5KW (25HP)

18W Series
 Air discharge:1.3~2.0m³/min
 Discharge pressure:2.0MPa
 Installed power: 15KW (20HP)
 ~ 18.5KW (25HP)



09W系列
 排气量: 1.3~2.0m³/min
 排气压力: 0.8~1.0MPa
 装机功率: 11KW (15HP)
 ~15KW (20HP)

09W Series
 Air discharge:1.3~2.0m³/min
 Discharge pressure:0.8~1.0MPa
 Installed power:11KW (15HP)
 ~15KW (20HP)



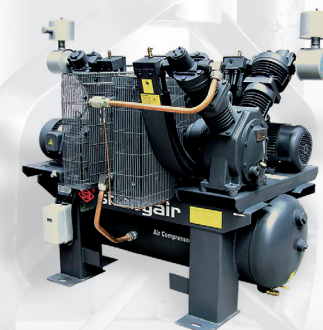
09W 双机组系列
 排气量: 3.2~4.0m³/min
 排气压力: 1.0MPa
 装机功率: 15KW × 2 (20HP×2)

09W Double-engine set Series
 Air discharge: 3.2~4.0m³/min
 Discharge pressure:1.0MPa
 Installed power: 15KW × 2 (20HP×2)



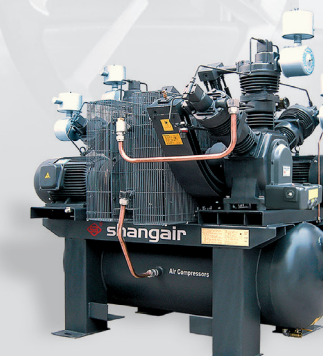
08VW无油系列
 排气量: 0.5~2.0m³/min
 排气压力: 0.9MPa
 装机功率: 4KW (5.5HP)
 ~7.5KW × 2 (10HP×2)

08VW Non-Lube Series
 Air discharge: 0.5~2.0m³/min
 Discharge pressure: 0.9MPa
 Installed power: 4KW (5.5HP)
 ~7.5KW × 2 (10HP×2)



10WW无油系列
 排气量: 1.05~3.6m³/min
 排气压力: 0.9MPa
 装机功率: 9KW (12HP)
 ~15KW × 2 (20HP×2)

10WW Non-Lube Series
 Air discharge:1.05~3.6m³/min
 Discharge pressure: 0.9MPa
 Installed power: 9KW (12HP)
 ~15KW × 2 (20HP×2)



技术参数 Technical Features

型号 No.	排气量 Nm ³ /min Air discharge	排气压力 Mpa Discharge pressure	电机功率 KW Motor power	转速 r.p.m Running speed	重量 KG Weight	尺寸长×宽×高(mm) Size(length, width, height)	标准配置 Standard Configuration				
							风冷式后 冷却器 Air cooled sub-cooler	吸气消声过滤器 Air induction anechoic filter		压力调节模式 Mode of pressure adjusting	
								单 Single	双 Double		
07V	07V-0.60/10	0.6	1.0	5.5	620	329	1528×725×1131	○	★	○	电调 Electric adjustment
	07V-0.80/10	0.8	1.0	7.5	820	335	1528×725×1131	○	★	○	
	07V -1.00/8	1.0	0.8	7.5	820	335	1528×725×1131	○	★	○	
	07V -1.00/10	1.0	1.0	7.5	820	335	1528×725×1131	○	★	○	
09W	09W-1.30/10	1.3	1.0	11	670	539	1780×840×1455	○	★	○	
	09W-1.60/8	1.6	0.8	11	765	539	1780×840×1455	○	★	○	
	09W-1.60/10	1.6	1.0	15	765	547	1780×840×1455	○	★	○	
	09W-2.00/8	2.0	0.8	15	820	547	1780×840×1455	○	★	○	
	09W-2.00/10	2.0	1.0	15	820	547	1780×840×1455	○	★	○	
	2-09W-3.20/10	3.2	1.0	15×2	765	1027	2070×1605×1540	○	★	○	
18W	2-09W-4.00/10	4.0	1.0	15×2	820	1027	2070×1605×1540	○	★	○	
	18W-1.30/20	1.3	2.0	15	670	710	1780×862×1475	★	★	○	
	18W-1.60/20	1.6	2.0	18.5	760	730	1780×862×1475	★	★	○	
	18W-1.80/20	1.8	2.0	18.5	800	780	1780×862×1475	★	★	○	
18W-2.00/20	2.0	2.0	18.5	820	785	1780×862×1475	★	★	○		

注: (★) 标准配置; (○) 选配, 订货供应
 Note: (★) Standard features (○) Select and match, Custom supply

技术参数 Technical Features

型号 No.	排气量 Nm ³ /min Air discharge	排气压力 Mpa Discharge pressure	电机功率 KW Motor power	转速 r.p.m Running speed	重量 KG Weight	尺寸长×宽×高(mm) Size(length, width, height)	标准配置 Standard Configuration				
							风冷式后 冷却器 Air cooled sub-cooler	吸气消声过滤器 Air induction anechoic filter		压力调节模式 Mode of pressure adjusting	
								单 Single	双 Double		
08VW	08VW-0.50/9	0.5	0.9	5.5	650	341	1600×800×1220	★	★	○	电调 Electric adjustment
	08VW-0.65/9	0.65	0.9	5.5	650	360	1600×800×1220	★	★	○	
	08VW-0.80/9	0.8	0.9	7.5	820	366	1600×800×1220	★	★	○	
	08VW-1.00/9	1.0	0.9	7.5	820	366	1600×800×1220	★	★	○	
10WW	10WW-1.05/9	1.05	0.9	9	550	560	1800×900×1560	★	★	○	
	10WW-1.25/9	1.25	0.9	11	670	565	1800×900×1560	★	★	○	
	10WW-1.45/9	1.45	0.9	15	760	573	1800×900×1560	★	★	○	
	10WW-1.65/9	1.65	0.9	15	820	573	1800×900×1560	★	★	○	
08VW 双机 Double-engine	10WW-1.80/9	1.8	0.9	15	820	573	1800×900×1560	★	★	○	
	2-08VW-1.00/9	1.0	0.9	5.5×2	650	1090	2020×1500×1350	★	★	○	
	2-08VW-1.30/9	1.3	0.9	5.5×2	650	1100	2020×1500×1350	★	★	○	
	2-08VW-1.60/9	1.6	0.9	7.5×2	820	1140	2020×1500×1350	★	★	○	
10WW 双机 Double-engine	2-08VW-2.00/9	2.0	0.9	7.5×2	820	1150	2020×1500×1350	★	★	○	
	2-10WW-2.10/9	2.1	0.9	9×2	550	1100	2100×1600×1650	★	★	○	
	2-10WW-2.50/9	2.5	0.9	11×2	670	1100	2100×1600×1650	★	★	○	
	2-10WW-2.90/9	2.9	0.9	15×2	760	1116	2100×1600×1650	★	★	○	
	2-10WW-3.30/9	3.3	0.9	15×2	820	1116	2100×1600×1650	★	★	○	
2-10WW-3.60/9	3.6	0.9	15×2	870	1116	2100×1600×1650	★	★	○		

注: (★) 标准配置; (○) 选配, 订货供应
 Note: (★) Standard features (○) Select and match, Custom supply