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# COMPRESSED AIR SYSTEM SELECTION GUIDE

压缩空气系统选型手册

上海施盛机械制造有限公司  
SHANGHAI SHISHENG MACHINERY CO.,LTD  
赫戮高压设备(上海)有限公司  
HEJIAN HIGH PRESSURE EQUIPMENT (SHANGHAI) CO., LTD



# COMPANY PROFILE

## 公司简介

上海施盛机械制造有限公司具有专业设计、研发、生产、销售服务于空气压缩机这一套完善体系。所有产品的核心部件均采用国际名牌产品，结合施盛空压机精湛的技术、严格的工艺和ISO9001质保体系，无论是在高温、高湿环境，还是低电压的启动，空压机都能每年365天不间断使用，并使每一台机器能实现高效率、低能耗、安全可靠、寿命长等特点。

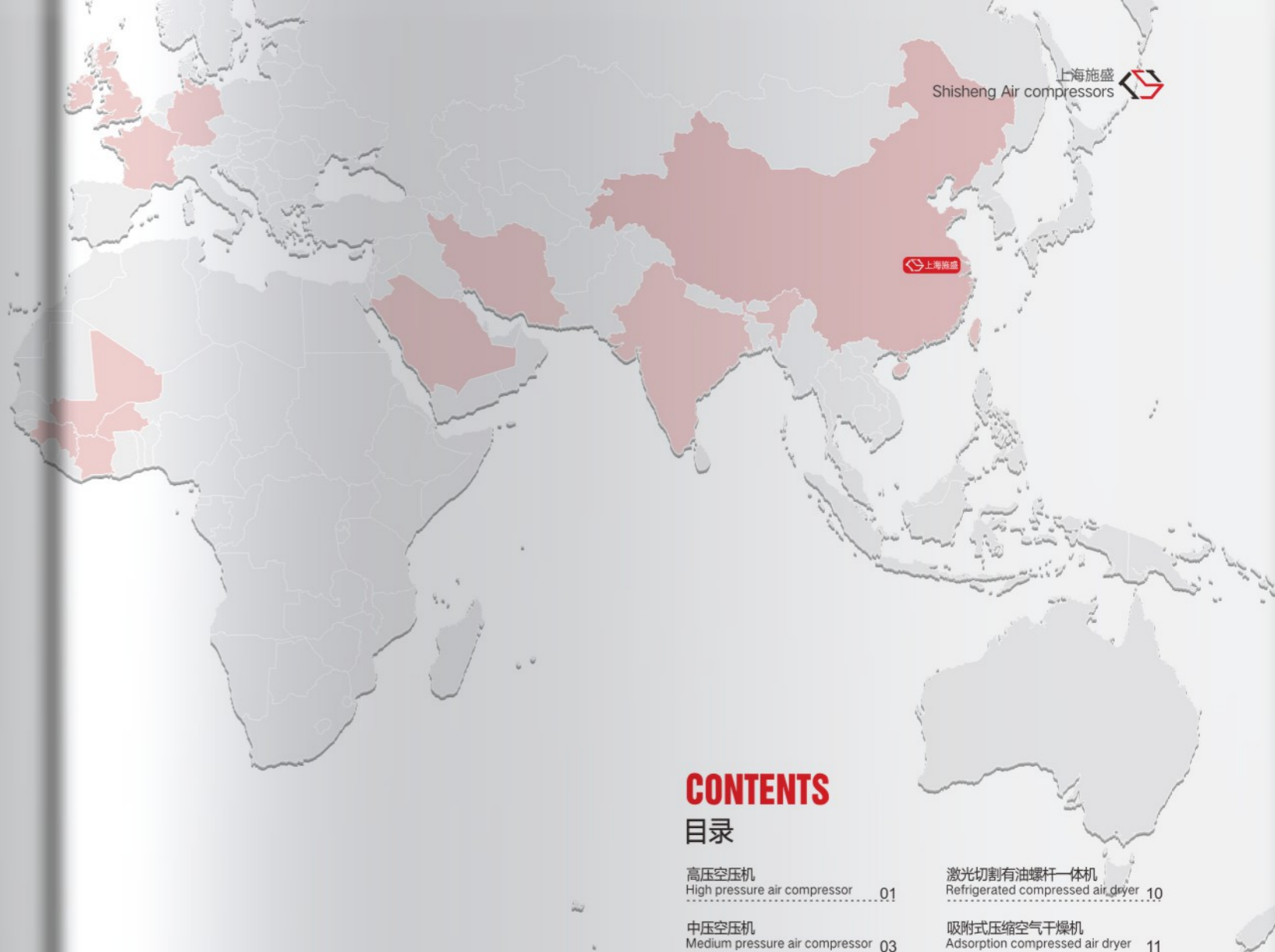
施盛注重吸收国外同行的先进技术和管理经验，拥有深厚的技术积淀和一流的创新力，能依用户的特殊个性化需求进行技术改造及创新，以最快的速度设计出最先进、最合乎实际、最经济的优质可靠产品。

我们坚持“品质，铸就信赖”的经营理念，愿在空气处理领域中努力开拓，竭诚奉献！为用户提供一流的空气处理整体解决方案。

Shanghai Shisheng Machinery Manufacturing Co., Ltd. has a complete system of professional design, R & D, production and sales service for air compressor. The core components of all products are international famous brand products, combined with the superb technology, strict technology and ISO9001 quality assurance system of Shisheng air compressor. No matter in high temperature, high humidity environment or low voltage startup, the air compressor can be used continuously for 365 days every year, and each machine can achieve the characteristics of high efficiency, low energy consumption, safety and reliability, long service life, etc.

Shisheng attaches great importance to absorbing the advanced technology and management experience of foreign counterparts, has profound technology accumulation and first-class innovation ability, can carry out technical transformation and innovation according to the special personalized needs of users, and design the most advanced, practical and economic quality and reliable products at the fastest speed.

We adhere to the business philosophy of "quality, build trust", and are willing to work hard in the field of air treatment, dedication! Provide customers with first-class overall air treatment solutions.



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# HIGH PRESSURE AIR COMPRESSOR

高压空压机



SWH-100E

## 功能 Features

适合PET吹瓶、检漏、试压等行业!

上海施盛高压空气压缩机性能优良、运转平稳、高效节能、使用寿命长。

经各种场合长期运行及考验：效率更高、可靠性更高(可24小时连续不停机运行)、寿命更长、噪声更低、振动更小、排气温度更低、油耗更低，是为中高压作业特别精心设计的系列产品。其主要性能指标均达到或超过了国际同类产品的先进水平。

上海施盛高压空气压缩机，以其先进的技术，优异的性能，被业内人士称为压缩机中的精品

Suitable for PET bottle blowing, leak detection, pressure testing and other industries!

Shanghai ShiSheng high-pressure air compressor excellent performance, stable operation, high efficiency and energy saving, long service life.

Through various occasions long-term operation and test higher efficiency, higher reliability (24 hours non-stop running), longer life, lower noise, less vibration, lower exhaust temperature, more fuel-efficient, is designed for high pressure operation in special series products. Their main performance indexes reach or exceed the international advanced level of similar products.

Shanghai ShiSheng high-pressure air compressor, with advanced technology, excellent performance, the personage inside course of study called a compressor products.

## 产品应用

适合PET吹瓶、检漏、试压等行业!



2MH-500E



SWH-300E

## 特点 Features

- 阀片：采用瑞典不锈钢带制成。
- 活塞环：采用日本理研环，单体浇铸镀铬环，寿命延长3倍。
- 活塞：增压活塞采用重载铸铁活塞。
- 连杆：采用带滚针轴承连杆。
- 曲轴轴承：重载、长寿、低噪音轴承。
- 主机轮：铁风扇、主机轮经过严格的动平衡，减少震动。
- 压力控制器：采用世界知名品牌。
- 冷却、过滤：一级到二级经过高效冷却和过滤，二级压缩的空气低温、清洁。
- 排污：采用自动、电子排污阀（备选）。

- Valve disc: Made of Swedish stainless steel strip.
- Piston ring: Japan's Riken ring, single casting chrome-plated ring, 3 times longer life.
- Piston: The booster piston uses a heavy-duty cast iron piston.
- Connecting rod: using connecting rod with needle bearing.
- Crankshaft bearings: Heavy-duty, long-life, low-noise bearings.
- Main engine wheel: iron fan and main engine wheel undergo strict dynamic balance to reduce vibration.
- Pressure controller: world famous brand.
- Cooling and filtering: The first to second stage is cooled and filtered with high efficiency.
- Sewage: using automatic, electronic sewage valve (optional).

## 潜水、消防呼吸机系列 Diving, fire breathing machine series

型号	排气量 m <sup>3</sup> /mi	排气压力 Mpa	压缩级数	冷却方式	功率 KW	转速 r/min	外形尺寸 mm	重量 kg
SXH-100	0.1	30.0	四级	风冷	2.2	1500	660×420×470	45
SWH-100E	0.1	30.0	三级	风冷	3	1200	650×350×400	40
SWH-200E	0.2	30.0	三级	风冷	4	1300	900×570×650	155
SWH-300E	0.3	30.0	三级	风冷	5.5	1450	1000×570×800	80

## 性能参数 Technical Data

型号	排气量 m <sup>3</sup> /mi	排气压力 Mpa	压缩级数	冷却方式	功率 KW	转速 r/min	缸径数 n×mm	外形尺寸 mm	重量 kg
SWH-0.8/105	0.8	10.5	三级	风冷	15	740	2×Φ120+1×Φ80+1×Φ28	1400×900×1100	720
SXH-0.6/300	0.6	30.0	四级	风冷	18.5	822	1×Φ125+1×Φ65+1×Φ28+1×Φ14	1450×950×1150	760
SXH-1/100	1.0	10.0	四级	风冷	15	780	1×Φ120+1×Φ100+1×Φ65+1×Φ32	1400×600×1000	350
SXH-1/200	1.0	20.0	四级	风冷	22	830	1×Φ120+1×Φ100+1×Φ65+1×Φ32	2000×1200×1500	1800
SXH-1.5/250	1.5	25.0	五级	风冷	37	560	1×Φ210+1×Φ175+1×Φ75+1×Φ45+1×Φ24	1900×1700×1500	1500



# MEDIUM PRESSURE AIR COMPRESSOR

中压空压机

安全稳定  
safe and stable  
寿命更长  
Longer life



SWH-20030-D/SWH-24030-D

## 功能 Features

适合PET吹瓶、检漏、试压等行业!

上海施盛高压空气压缩机性能优良、运转平稳、高效节能、使用寿命长。

经各种场合长期运行及考验：效率更高、可靠性更高(可24小时连续不停机运行)、寿命更长、噪声更低、振动更小、排气温度更低、油耗更低，是为中高压作业特别精心设计的系列产品。其主要性能指标均达到或超过了国际同类产品的先进水平。

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Shanghai ShiSheng high-pressure air compressor, with its advanced technology, excellent performance, the personage inside course of study called a compressor products.

## 产品应用

适合PET吹瓶、检漏、试压等行业!



SWH-1.0/30-D  
SWH-1.2/30-D



SWH-0.6/60

## 特点 Features

- 阀片：采用瑞典不锈钢带制成。
- 活塞环：采用日本理研环，单体浇铸镀铬环，寿命延长3倍。
- 活塞：增压活塞采用重载铸铁活塞。
- 连杆：采用带滚针轴承连杆。
- 曲轴轴承：重载、长寿、低噪音轴承。
- 主机轮：铁风扇、主机轮经过严格的动平衡，减少震动。
- 压力控制器：采用世界知名品牌。
- 冷却、过滤：一级到二级经过高效冷却和过滤，二级压缩的空气低温、清洁。
- 排污：采用自动、电子排污阀（备选）。

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- Crankshaft bearings: Heavy-duty, long-life, low-noise bearings.
- Main engine wheel: iron fan and main engine wheel undergo strict dynamic balance to reduce vibration.
- Pressure controller: world famous brand.
- Cooling and filtering: The first to second stage is cooled and filtered with high efficiency.
- Sewage: using automatic, electronic sewage valve (optional).

## 性能参数 Technical Data

型号	排气量 m <sup>3</sup> /mi	排气压力 Mpa	压缩级数	冷却方式	功率 KW	转速 r/min	缸径数 n×mm	外形尺寸 mm	重量 kg
SWH-6030	0.6	3.0	二级	风冷	7.5	830	2×Φ95+1×Φ55	1470×530×1020	290
SWH-8030	0.8	3.0	二级	风冷	9	800	2×Φ100+1×Φ55	1490×600×1160	430
SWH-10030-D	1.0	3.0	二级	风冷	11	860	2×Φ120+1×Φ65	1550×800×1350	440
SWH-12030-D	1.2	3.0	二级	风冷	15	830	2×Φ120+1×Φ65	1550×700×970	440
SXH-16030-D	1.6	3.0	三级	风冷	18.5	830	2×Φ135+1×Φ120+1×65	1550×740×1020	500
SWH-20030-D	2.0	3.0	二级	风冷	2×11	830	2×(2×Φ120+1×Φ65)	1500×1300×1000	650
SWH-24030-D	2.4	3.0	二级	风冷	2×15	780	2×(2×Φ125+1×Φ65)	1730×900×1100	430
SWH-8040-D	0.8	4.0	三级	风冷	11	780	1×Φ130+1×Φ65+1×Φ36	1650×730×1150	550
SXH-12040-D	1.2	4.0	三级	风冷	18.5	800	2×Φ120+1×Φ100+1×Φ55	1550×700×1020	480
SXH-20040-D	2.0	4.0	三级	风冷	22	730	2×Φ155+1×Φ120+1×Φ60	1170×1000×1780	800
								1950×1000×1100	1150
SWH-6060-D	0.6	6.0	三级	风冷	11	660	1×Φ130+1×Φ65+1×Φ34	1650×730×1150	560
SXH-10060-D	1.0	6.0	三级	风冷	15	820	2×Φ120+1×Φ75+1×Φ36	1630×760×1350	600
SXH-12060-D	1.2	6.0	三级	风冷	22	780	2×Φ125+1×Φ80+1×Φ42	1700×850×1300	650

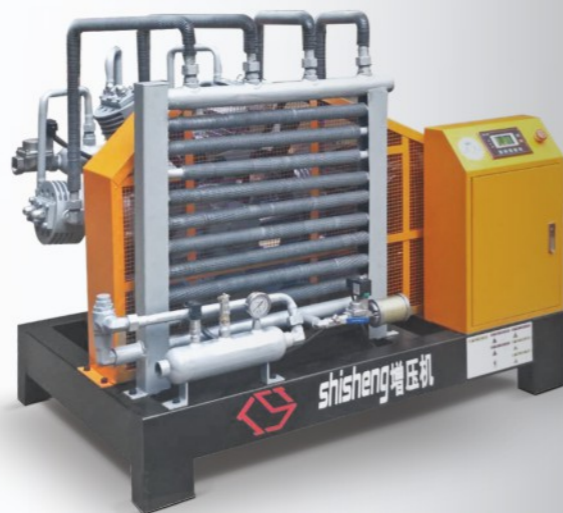


# AIR-COOLED TURBO AIR COMPRESSOR

风冷式有油增压空压机



SVH-3.0/30-8



SXH-6/30-8

## 功能 Features

为了满足行业的需要，增压系统会空压机排出的低气压源再次压缩以便达到所需要的压力。  
广泛运用于需要给低气压源加气的行业。

In order to meet the needs of the industry, will air compressor discharge pressurization system of low pressure air compressed again in order to achieve the required pressure.  
Low air pressure are widely applied to industry

## 特点 Features

- 螺杆增压系统是低噪音，高性能的压缩机系统，有很好的稳定性。
- 全自动卸压系统，确保机组在无负荷情况下安全启动，延长压缩机使用寿命，对主机及电机起保护作用。
- 压缩机采用独特高效的风冷式冷却器，设计合理，散热效果优良，最终排气温度不高于环境温度20℃。
- 整体结构设计的合理性以及高强度高质量的零部件确保了机器稳定可靠耐用，真正能24小时连续运转。

- Screw pressurization system is low noise, high performance of the compressor system, has a good stability.
- Automatic unloading system, ensuring the security of the unit under the condition of no load startup, prolong the service life of the compressor, the host and motor protection.
- Compressor with unique and effective air-cooled chiller, reasonable design, good heat dissipation effect, eventually exhaust temperature is not higher than the environment temperature 20 °C.
- The rationality of the design of overall structure, and high strength and high quality parts to ensure the machine is stable and reliable, durable, can really 24 hours of continuous operation.

# TWO-STAGE COMPRESSION SCREW AIR COMPRESSOR

永磁变频螺杆增压一体机



SWH-5/30-8

## 功能 Features

一级压缩转子和二级压缩转子组合在一个机壳内，并分别通过齿轮直接传动，使每级转子都能获得最佳线速度，因此，压缩效率较高。

Primary compression rotor and secondary compression rotor combinations within a chassis, and directly by gear transmission, make rotor can get optimal linear velocity per level, therefore, high compression efficiency.

采用两级压缩可有效降低能耗：在压缩同等气量下，两级压缩比单级压缩平均可节省15%的功率。

Adopt two stage compression can effectively reduce the energy consumption: under the equal volume compression, two stage compression than single stage compression can save an average of 15% of power.

每级压缩比低、转子和轴承的受力小，加上转子直径大、转速低，所以运行更可靠。

Each stage compression ratio is low, the rotor and bearing force is small, plus a large rotor diameter, rotational speed is low, so the operation more reliable.

广泛运用于需要给低气压源加气的行业。

## 螺杆增压机系统安装示意图



有油无油压缩技术，确保压缩机后输出无水无油，清洁空气。

## 使用注意事项

- 1、增压机安装时应选择在坚实平整的场地上加以固定，促使整机平稳运行
- 2、增压机油使用1000小时需要更换（原厂提供的专用增压机油）
- 3、易损件三千小时定期更换（活塞环、阀片、轴瓦。电子阀膜片、单向阀芯）
- 4、电子油位保护器使用500小时，必须拧开清洗一次
- 5、故请使用原厂配件，使用非本公司配件一律不负责三包



# AIR-COOLED OIL-FREE SUPERCHARGER

## 风冷式无油增压机



### 特点 Features

- 前端螺杆压缩, 发挥螺杆体积小、稳定可靠的优势;
- 可搭载两级压缩、(永磁)变频等节能螺杆主机, 极致节能;
- 后端两级以上活塞增压, 低速、低压比(节能)、可靠、体积小;
- 水冷活塞气缸, 排气温度 $\leq 130^{\circ}\text{C}$ , 恶劣工况下24小时工作;
- 无油, 代表食品安全的行业趋势;
- 振动小: 与一般螺杆机的振动大小无异, 无需安装基础;
- 超低噪音: 螺杆大转子低转速设计, 活塞转速520rpm以下, 整机1m 处噪音75-82 dB(A);
- 气、水管路为304无缝不锈钢管, 永不生锈, 永不污染;
- 系统采用PLC液晶触摸屏控制, 可远程监控。

### 主机部分

- 铸件材质, 零件加工、装配精度;
- 活塞和活塞杆的表面氮化、硬化处理;
- 填料和活塞环的设计、材质、冷却技术;
- 气阀阀片及弹簧设计、材质、加工精度;
- 注油泵及润滑技术;
- 动平衡设计技术。

### 系统部分

- 级间冷却除水、除污技术, 保护活塞环及填料;
- 余气再注入技术;
- 各种工况防共振技术;
- 彻底排污不堵塞技术。

- Screw pressurization system is low noise, high performance of the compressor system, has a good stability.
- Automatic unloading system, ensuring the security of the unit under the condition of no load startup, prolong the service life of the compressor, the host and motor protection.
- Compressor with unique and effective air-cooled chiller, reasonable design, good heat dissipation effect, eventually exhaust temperature is not higher than the environment temperature  $20^{\circ}\text{C}$ .
- The rationality of the design of overall structure, and high strength and high quality parts to ensure the machine is stable and reliable, durable, can really 24 hours of continuous operation.

- Casting material, parts processing and assembly accuracy;
- Surfaces of pistons and piston rods are nitrided and hardened;
- Design, material and cooling technology of packing and piston ring;
- Design, material and processing accuracy of air valve disc and spring;
- Oil pump and lubrication technology;
- Dynamic balancing design technology.

- Interstage cooling and water removal and decontamination technology to protect piston rings and packings;
- Exhaust gas reinjection technology;
- Anti-resonance technology in various working conditions;
- Thorough drainage without clogging technology.

# LASER CUTTING OIL-FREE MACHINE

## 激光切割无油一体机



SXH-1.0/30  
SXH-1.2/30



SXH-2.0/30  
SXH-2.4/30

### 特点 Features

- 配备高效可靠的压缩主机, 主机与柴油机通过高弹性联轴器直联, 效率更高, 可靠性更好, 寿命更长。
- 柴油机选用康明斯、玉柴等国内外名牌柴油机, 符合国II排放要求, 动力强劲, 燃油耗低, 有覆盖全国的售后服务体系, 用户可得到迅速、完善的服务。
- 气量控制系统简洁可靠, 根据用气量的大小, 对进气量进行0-100%的自动调节, 同时自动调节柴油机油门, 最大限度节约柴油。
- 微电脑智能监控空压机排气压力、排气温度、柴油机转速、油压、水温、油箱液位等运行参数, 具有自动报警和停机保护功能。

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### 性能参数 Technical Data

型号	排气量 $\text{m}^3/\text{min}$	排气压力 Mpa	柴油机功率 Power KW	含油量 Exhaust oil content PPM	备注 Note
GMD-42-7	4	0.7	42	$\leq 6$	二轮
GMD-58-8	7	0.8	58	$\leq 6$	二轮
GMD-110-8	12	0.8	110	$\leq 6$	二轮
GMD-110-14.5	10	1.45	110	$\leq 6$	二轮
GMD-140-8	17	0.8	140	$\leq 6$	四轮
GMD-140-13	15	1.3	140	$\leq 6$	四轮
GMD-180-8	20	0.8	180	$\leq 6$	四轮
GMD-180-8.6	22	0.86	180	$\leq 6$	四轮
GMD-180-14.5	17	1.45	180	$\leq 6$	四轮
GMD-194-14.5	22	1.45	194	$\leq 6$	四轮
GMD-194-17	18	1.7	194	$\leq 6$	四轮
GMD-265-20	26	2.0	265	$\leq 6$	四轮
GMD-336-25	30	2.5	336	$\leq 6$	四轮



# THE LABOR, THE FREQUENCY CONVERSION SCREW AIR COMPRESSOR

激光切割有油高压一体机



## 功能 Features

应用领域同常规螺杆机

气压稳定、更节能、启动无冲击、噪音低、自动休眠、机械损耗减少、电机寿命延长、运行成本降低、提高压力控制精度、提高生产力。

永磁电机与压缩机主机采用内嵌式一体轴直连结构，结构更加紧凑，传动效率100%。

没有电机轴承：带有永磁体的转子直接安装在阳转子的伸出轴上。这种结构无需使用轴承，从而消除了电机轴承故障点。

## 特点 Features

- 气压稳定：由于变频化的螺杆空压机利用了变频器的无级调速特点，通过控制器或变频器内部的PID调节器，能对压力实现快速调节控制；比工频运行的上下限开关控制相比，气压稳定性成指数级的提高；
- 更节能：尽管各个厂家的螺杆空压机采取了不同的节能运行模式，但由于变频器是根据实际用气量实时调整电机转速的，用气量低的时候还可以让空压机自动休眠，这样就大大减少能源的损失。需要注意的是，系统控制方式的不同对节能效果有很大影响。
- 启动无冲击：由于变频器本身是一个软启动装置，启动电流最大在额定电流的两倍左右，与工频启动一般在额定电流的6倍以上相比，启动冲击很小。这种冲击不仅是对电网的，也有对真个机械系统的冲击，也大大减少。
- 噪音低，由于稳定运行时运行频率小于工频，机械噪音下降，机械磨损小；对储气罐容量要求小；

Applications with conventional screw machine

Air pressure stable, more energy efficient, no impact on the start/low noise, auto dormancy, mechanical wear and reduce operating cost of motor life extension, reduce, improve the pressure control precision, improve productivity

Permanent magnet motor adopts the embedded integrated with compressor shaft directly connected structure, the structure is more compact, the transmission efficiency of 100%

No motor bearing: with permanent magnet rotor installed directly on the out Yang rotor shaft. This structure without using bearing, thereby eliminating the motor bearing point of failure.

- Stable pressure: as the frequency of screw air compressor using the stepless speed regulation characteristics of frequency converter, through the inside of the controller or inverter PID regulator, can realize the rapid adjustment of pressure control; Than compared to run on lower limit switch control, power frequency pressure increase exponentially stability;
- More energy efficient, although each manufacturer of screw air compressor has taken a different energy saving operation mode, but due to the frequency converter is based on the actual gas real-time adjust the motor speed, low gas when auto sleep can also make air compressor, thus greatly reduce the energy loss. It is important to note that the system control mode has a great influence on the energy saving effect.
- No impact on the start: due to the inverter itself is a soft start device, starting current biggest at about twice the rated current, and power frequency start generally in more than 6 times of the rated current, compared to start the impact is very small. The impact is not only to the grid, also have the impact on the whole mechanical system, also greatly reduced.
- Due to the low noise, stable runs frequency is less than the power frequency, mechanical noise, mechanical wear small; The small air tank capacity requirements;

# REFRIGERATED COMPRESSED AIR DRYER

激光切割有油螺杆一体机



## 功能 Features

气源处理元件，广泛应用于电力、冶金、电子、机械、石油、化工、汽车制造、轻工、橡胶、仪表、食品、生物、医药等行业。一体化设计，结构紧凑合理，便于操作。吸干机采用活性氧化铝或分子筛做干燥剂，降低再生气耗损。

Air source treatment components, which are widely used in electric power, metallurgy, electronics, machinery, petroleum, chemical industry, automobile manufacturing, light industry, rubber, instrumentation, food, biological, pharmaceutical and other industries. The integration of design, compact structure and reasonable, easy to operation. Blot machine adopts activated alumina and molecular sieves desiccants, reduce gas consumption.

## 常温风冷型性能参数 Room temperature air-cooled Technical Data

型号	空气处理量 Nm <sup>3</sup> /min	电源 V/Hz	压缩机功率 HP	风机功率 KW	空气进出口径	外形尺寸 mm	重量 kg
SD-1NF	1.2	220/50	1/3	80	Rp1"	710×400×670	50
SD-2NF	2.4		1	90		800×400×725	65
SD-3NF	3.8		1.25	120	Rp1.5"	850×450×800	80
SD-6NF	6.5	380/50	1.25	150		950×450×835	100
SD-8NF	8.5		2	180		1600×600×975	130
SD-10NF	10.7		3	180	Rp2"	1180×630×1080	220
SD-13NF	13.5	380/50	3.5	2×150		1180×630×1080	245
SD-15NF	17		4	2×180	DN65	1180×630×1125	270
SD-20NF	23		5	2×180		1370×720×1255	315
SD-25NF	27	380/50	6.5	2×180	DN80	1370×720×1255	350
SD-30NF	33		8.5	2×250		1650×750×1310	450
SD-40NF	45		10.5	4×180	DN100	1830×830×1435	560
SD-50NF	55		12.5	4×180	DN125	1830×830×1435	675

## 高温风冷型性能参数 High-temperature air-cooled Technical Data

型号	空气处理量 Nm <sup>3</sup> /min	电源 V/Hz	压缩机功率 HP	风机功率 KW	空气进出口径	外形尺寸 mm	重量 kg
SD-1NF	1.2	220/50	1/3	90	Rp1"	710×400×670	65
SD-2NF	2.4		1	120		800×400×725	80
SD-3NF	3.8		1.25	150	Rp1.5"	850×450×800	100
SD-6NF	6.5	380/50	1.25	2×120		950×450×835	130
SD-8NF	8.5		2	2×180		1060×600×975	220
SD-10NF	10.7		3	4×120	Rp2"	1180×630×1080	245
SD-13NF	13.5	380/50	3.5	4×120		1180×630×1080	270
SD-15NF	17		4	4×180	DN65	1180×630×1125	315
SD-20NF	23		5	4×180		1370×720×1255	350
SD-25NF	27	380/50	6.5	4×180	DN80	1370×720×1255	450
SD-30NF	33		8.5	4×250		1830×830×1435	560
SD-40NF	45		10.5	6×250	DN100	1830×830×1575	675
SD-50NF	55		12.5	6×250	DN125	1830×830×1575	780



# ADSORPTION COMPRESSED AIR DRYER

吸附式压缩空气干燥机



## 无热再生吸附式干燥机

工况条件与技术指标 Working condition and technical index	
工作压力 Working pressure	0.6~1.0Mpa
进气温度 Intake air temperature	0~45°C
进气含油量 Intake oil content	≤0.1mg/m <sup>3</sup>
再生气量 Regeneration gas volume	≤12~14%
成品气压力露点 Product gas pressure dew point	-20~-40°C
干燥剂 Desiccant	活性氧化铝或分子筛
工作周期 Working period	4~20min

## 微热再生吸附式干燥机

工况条件与技术指标 Working condition and technical index	
工作压力 Working pressure	0.6~1.0Mpa
进气温度 Intake air temperature	0~45°C
进气含油量 Intake oil content	≤0.1mg/m <sup>3</sup>
再生气量 Regeneration gas volume	≤4~6%
成品气压力露点 Product gas pressure dew point	-20~-70°C
干燥剂 Desiccant	活性氧化铝或分子筛
工作周期 Working period	6~180min

### 无热再生吸附式干燥机性能参数

No heat regeneration adsorption dryer Technical Data

型号	空气处理量 Nm <sup>3</sup> /min	电源 V/Hz	空气进出口口径	外形尺寸 mm	重量 Kg
SD-1WD	1.2	220/50	Rp1"	750×600×1450	110
SD-2WD	2.4			900×670×1600	150
SD-3WD	3.8		Rp1.5"	900×670×1800	200
SD-6WD	6.5			1250×750×1850	310
SD-8WD	8.5		Rp2"	1400×800×2150	360
SD-10WD	10.7			1400×800×2150	550
SD-13WD	13.5		DN65	1500×800×2350	630
SD-15WD	17			1500×800×2350	710
SD-20WD	23		DN80	1500×850×2500	900
SD-25WD	27			1800×1000×2900	1200
SD-30WD	33		DN100	1800×1000×2900	1500
SD-40WD	45			1800×1000×2900	1900
SD-50WD	55		DN125	2000×1200×2950	2240
SD-60WD	65			2240×1200×2950	2650
SD-80WD	85		DN150	2400×1200×2950	3500
SD-100WD	100			2650×1320×3000	4250
SD-120WD	120		DN200	2800×1320×3000	5000
SD-150WD	150			2800×1500×3150	5800
SD-180WD	180		DN200	3200×1600×3150	6800
SD-200WD	200			3200×1600×3150	7500

### 微热再生吸附式干燥机性能参数

Micro-heat regeneration adsorption dryer Technical Data

型号	空气处理量 Nm <sup>3</sup> /min	电源 V/Hz	空气进出口口径	加热功率 Kw	外形尺寸 mm	重量 Kg
SD-1ED	1.2	280/50	Rp1"	1.2	750×600×1450	135
SD-2ED	2.4			1.5	900×670×1600	175
SD-3ED	3.8		Rp1.5"	2	900×670×1800	225
SD-6ED	6.5			3	1250×750×1850	345
SD-8ED	8.5		Rp2"	3.5	1400×800×2150	395
SD-10ED	10.7			4	1400×800×2150	590
SD-13ED	13.5		DN65	4.5	1500×800×2350	670
SD-15ED	17			5.5	1500×800×2350	750
SD-20ED	23		DN80	6	1500×850×2500	950
SD-25ED	27			6.5	1800×1000×2900	1250
SD-30ED	33		DN100	8	1800×1000×2900	1575
SD-40ED	45			10	1800×1000×2900	1975
SD-50ED	55		DN125	12	2000×1200×2950	2350
SD-60ED	65			15	2240×1200×2950	2800
SD-80ED	85		DN150	20	2400×1200×2950	3650
SD-100ED	100			30	2650×1320×3000	4400
SD-120ED	120		DN200	40	2800×1320×3000	5200
SD-150ED	150			50	2800×1500×3150	6000
SD-180ED	180		DN200	65	3200×1600×3150	7000
SD-200ED	200			80	3200×1600×3150	7750

# PRECISION FILTER

精密过滤器



精密过滤器配件包含手动排水器, 自动排水器和压差表为选配件。施盛为您提供精密过滤之个性化服务, 大批量订货可按照您需要的颜色订制。

The Ultrafilter accessories include manual drain, automatic drain and pressure differential gauge is optional. SHISHENG provide you with personalized service of precision filtration, could supply the color you need if large quantities.

### 性能参数 Technical Data

规格型号 Model					处理量 Capacity Nm <sup>3</sup> /min	滤芯支数 Element quantity	外型尺寸 Dimension(mm)		接口尺寸 Air Connection (mm)	重量 Weight (kg)
E-	D-	C-	B-	A-			A(宽)	B(高)		
001	001	001	001	001	1.2	1	105	250	25	2
002	002	002	002	002	2.4	1	105	310	25	3
004	004	004	004	004	3.8	1	137	400	40	4
005	005	005	005	005	5.5	1	137	425	40	5
007	007	007	007	007	6.8	1	137	470	40	6
008	008	008	008	008	8.5	1	137	500	40	7
010	010	010	010	010	10.7	1	137	620	50	9
014	014	014	014	014	14	1	137	620	50	10
018	018	018	018	018	18	1	137	620	65	14
025	025	025	025	025	25	2	153	940	80	16
035	035	035	035	035	35	2	456	1033	100	65
046	046	046	046	046	46	2	456	1128	125	68
060	060	060	060	060	60	3	513	1215	125	94
068	068	068	068	068	68	3	513	1215	125	96
088	088	088	088	088	88	4	615	1395	150	140
110	110	110	110	110	110	5	615	1395	150	145
180	180	180	180	180	180	8	615	1395	200	235
230	230	230	230	230	230	10	615	1395	200	265



# AIR TANK TECHNICAL SPECIFICATION

## 储气罐技术参数

序号 NO	容积/工作压力 Specification Volume/pressure	设计温度℃ Design Temperature	容积总高H1 elght	容积内径Φ Inner Diameter	进气口 Air inlet			出气口 Air outlet			支管 Support		安全阀接口 Relief valve	排污阀接口 Blow down
					H2	DN	螺纹式 Thread	H3	DN	螺纹式 Thread	D	d		
1	0.3/0.8	110	1594	550	642	65	/ 2	1242	65	Rp1 1/2	400	20	Rp3/4	R1/2
2	0.3/1.0		642		1242									
3	0.6/0.8	110	1905	700	680	65	/ 2	1550	65	Rp1 1/2	490	24	Rp3/4	R1/2
4	0.6/1.0		681		1551									
5	1.0/0.8	110	2305	800	730	80	/ 2	1960	80	Rp1 1/2	560	24	Rp1	R1/2
6	1.0/1.0		731		1961									
7	1.5/0.8	110	2265	900	751	80	Rp2	2116	80	Rp2	630	24	Rp1	R1/2
8	1.5/1.0		752		2117									
9	2.0/0.8	110	2780	1000	761	80	Rp2	2321	80	Rp2	700	24	1 Rp1 /4	R3/4
10	2.0/1.0		763		2323									
11	2.5/0.8	110	3300	1000	787	80		2347	80		770	24	1 Rp1 /4	R3/4
12	2.5/1.0		788		2348									
13	3.0/0.8	110	2920	1200	872	100		2432	100		906	24	1 Rp1 /2	R3/4
14	3.0/1.0		873		2433									
15	4.0/0.8	110	3030	1400	913	100		2473	100		1050	24	1 Rp1 /2	R3/4
16	4.0/1.0		915		2475									
17	5.0/0.8	110	3700	1400	913	125		3013	125		1050	24	Rp2	R1
18	5.0/1.0		915		3015									
19	6.0/0.8	110	4330	1400	933	125		3653	125		1050	24	Rp2	R1
20	6.0/1.0		950		3670									
21	8.0/0.8	110	3154	1800	1083	150		2963	150		1350	32	Rp2	R1
22	8.0/1.0		1083		2963									
23	10.0/0.8	110	3754	2000	1133	150		3013	150		1500	32	1 Rp2 /2	R1
24	10.0/1.0		1150		3030									
25	12.0/0.8	110	4354	2200	1208	150		3018	150		1650	32	1 Rp2 /2	R1
26	12.0/1.0		1225		3035									
27	15.0/0.8	110	4531	2200	1208	150		3618	150		1650	32	1 Rp2 /2	R1
28	15.0/1.0		1225		3635									
29	20.0/0.8	110	5246	2400	1375	200		4195	200		1800	32	Rp3	R1
30	20.0/1.0		1375		4195									
31	25.0/0.8	110	6146	2400	1375	200		5095	200		1800	32	Rp3	R1
32	25.0/1.0		1375		5095									
33	30.0/0.8	110	6706	2500	1400	200		6030	200		1875	36	Rp3	R1
34	30.0/1.0		1402		6032									
35	40.0/0.8	110	8676	2500	1400	200		7440	200		1875	36	Rp3	R1
36	40.0/1.0		1402		7442									

# OIL AND WATER SEPARATOR

## 油水分离器



### 功能 Features

Jh系列压缩机空气除水除油净化器结构新颖，安全可靠，具有体积小、效率高、能耗低和投资少等优点。可为食品、轻纺、医药、医疗器械、电子、机械、邮电通讯及喷漆等部门的气动控制和工艺用气提供洁净的压缩空气。

JH series of air compressor in addition to water in addition to the oil purifier structure is novel, safe and reliable, has small volume, high efficiency, low energy consumption and less investment, etc. For food, textile, pharmaceutical, medical equipment, electronics, machinery, telecommunications, and spray paint department of the pneumatic control and process gas with clean compressed air.

### 性能参数 Technical Data

型号	JH-0.3/15	JH-0.6/15	JH-1/15	JH-2/15	JH-3/10	JH-6/10
公称容积流量m³/min	0.3	0.6	1	2	3	6
额定工作压力Mpa	1.5			1.0		
工作温度℃	5-55					
处理后的空气质量	含油量mg/m³ ≤5 含尘粒径µm ≤1 含油量g/m³ ≤5					
压力降Mpa	≤0.01					
滤芯更换周期h	≥4000					
容器类别	I类压力容器			I类压力容器		
气罐容积m³	0.007	0.008	0.01	0.02	0.03	0.06
外形尺寸mm	330×330×700	330×330×800	330×330×900	420×420×1100	420×420×1280	580×580×1400
重量kg	14	18	22	58	80	90
接管口径	G1/2"	G1/2"	G1/2"	G3/4"	G1 1/2"	G 2"

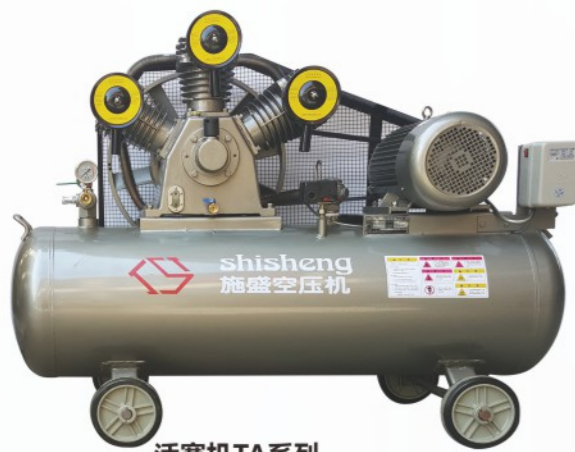
型号	JH-0.6/40	JH-1/40	JH-2/30	JH-3/30	JH-12/8	JH-22/8
公称容积流量m³/min	0.6	1	2	3	12	22
额定工作压力Mpa	4.0			3.0		
工作温度℃	5-55					
处理后的空气质量	含油量mg/m³ ≤5 含尘粒径µm ≤1 含油量g/m³ ≤5					
压力降Mpa	≤0.01					
滤芯更换周期h	≥4000					
容器类别	I类压力容器			I类压力容器		
气罐容积m³	0.011	0.013	0.03	0.04	0.07	0.12
外形尺寸mm	330×330×940	330×330×1080	420×420×1200	420×420×1380	580×580×1800	620×620×2100
重量kg	28	32	74	90	120	188.5
接管口径	G1"	G1"	G1"	G1 1/2"	G2"	G 2"

待审稿中



# PISTON TYPE AIR COMPRESSOR

无油活塞式空压机



活塞机TA系列



活塞机S系列

## 功能 Features

### 长寿命的结构设计

大直径的摩擦副，低摩擦比压，并使用优质的材料和热处理，使空压机具有超常的使用寿命。

### 低噪音

专业的气阀和流道设计，并配套专利的进气消声器，将噪音污染到最低。

### 高性能、高可靠性

冷却系统和动力系统，进口材料的关键零部件，可靠地控制元件，造就了活塞式空压机的高性能和高可靠性。

### The structural design of long life

With large diameter of friction, low friction pressure, and high quality materials and heat treatment, the air compressors have long service life.

### Low noise

Professional valve and flow channel design, and matched patent intake silencer, makes the lowest noise.

### High performance and high reliability

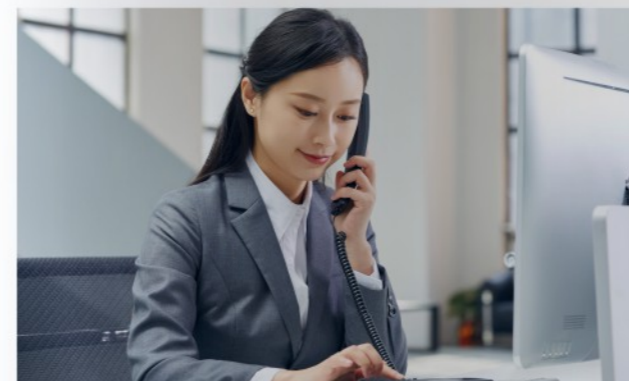
Efficient cooling system and power system and imported key parts, reliable control components, produced the high performance and high reliability of the piston type air compressor.

## 性能参数 Technical Data

型号	排气量 m <sup>3</sup> /mi	排气压力 Mpa	压缩级数	冷却方式	功率 KW	转速 r/min	缸径数 n×mm	外形尺寸 mm	重量 kg
TA-80	0.52	0.8	单级	风冷	4	870	3×Φ80	1235×480×970	203
VA-100	0.67	0.8	单级	风冷	5.5	950	2×Φ100	1360×550×1050	268
TA-100	1.0	0.8	单级	风冷	7.5	900	3×Φ100	1415×625×1175	328
HTA-100	0.84	1.25	二级	风冷	7.5	990	2×Φ100+1×Φ80	1505×610×1175	379
TA-120	1.6	0.8	单级	风冷	11	830	3×Φ120	1710×760×1280	480
HTA-120	1.6	1.0	二级	风冷	15	800	2×Φ120+1×Φ100	1710×760×1280	480
TA-120-H	2.0	0.8	单级	风冷	15	800	3×Φ120	1850×950×1500	850
TA-100-6	3.0	0.8	单级	风冷	18.5	810	6×Φ100	1900×850×1600	600
TA-120-6	4.0	0.8	单级	风冷	22	810	6×Φ120	1800×700×1400	800

# A STRONG AFTER SERVICE SYSTEM

强有力的售后服务体系



服务热线  
service hotline  
**400-021-6769**

上海施盛将以先进的生产技术，一流的产品质量，竭诚为您服务，因为我们提供的不仅仅是产品，而且让您放心。



服务邮箱  
Service E-mail  
**huangxun1231@126.com**

Shisheng will with advanced production technology, first-class product quality, serve you wholeheartedly, because we provide is not only a product, and let you rest assured.

## S 服务

满足客户需要是我们的第一任务，优质的售后服务和及时、完善的备品备件供应是用户最为关切的、也是最基本的要求，下面就是上海施盛郑重的承诺

## E 设备承诺

上海施盛压缩机对售出的设备实行**10年品质保证理念，售后跟踪服务，终身维护**，上海施盛压缩机的服务工程师在开机调试过程中负责在安装现场对用户技术，维修，管理人员进行免费的操作、维护培训，指导用户人员学会正常开、停机操作程序；

## A 空压机维护保养

施盛为客户提供全面的维护保养服务，内容可为您的设备量身定做，既可选择单次的定价保养，也可选择长期零件供应或预防性保养合约。通过以上合约，您享受到超值的原厂服务与保障，以及有价格竞争力的部件诊断和更新。

我们同时提供节约能源方案，如能量回收、变频改造、节能优化系统等，可大大降低您的生产成本

## Service

To meet customer needs is our first task, high-quality after-sales service and timely, improve the supply of spare parts is users the most concern, which is the most basic requirements, the following is the Shanghai ShiSheng solemnly promise:

## Equipment commitment

ShiSheng, the compressor shall be practiced with respect to the equipment sold **10 years quality assurance concept, after-sale tracking service, life-long maintenance**, Ken, compressor service engineers responsible for the installation site in the process of boot debugging on the user technology, maintenance, management operation, maintenance, training, free of the guide users learn to normal open, stop operating procedures;

## Air compressor maintenance

ShiSheng Compressor (Shanghai) Co.,Ltd. offers comprehensive maintenance service for customers, can tailor for your equipment, can choose a single pricing maintenance, or a long-term parts supply or preventive maintenance contracts. Through the above contracts, you can enjoy the value of the original factory service and security, and the parts diagnosis and updating with price competitiveness.

We provide energy saving solutions at the same time, such as energy recovery, frequency transformation, the energy conservation optimization system etc., can greatly reduce your production cost.

施盛服务内容 SHISHENG service content	产品说明 Product description
原厂备件 original parts	施盛原厂备件、润滑油及保养包 SHISHENG original parts, lubricate oil, service kit etc.
服务合同 service contract	报价、保养、维护 Quotation, maintenance, repair etc
节能产品 energy saving	热能回收系统、独立变频系统、压缩机节能管道、远程控制系统 Heat recycle system, independent frequency system, energy saving pipeline, remote control

更多信息请咨询施盛售后服务部 For more information please contact SHISHENG service department.