

与寿力在一起，您购买的是完善的客户服务 With Sullair, You Are Buying Customer Service

“客户满意”是寿力公司的理念的基石。我们的服务包括：

- 设备维护
- 客户培训
- 高效节能产品
- 正品零件供应

At Sullair, Total Customer Satisfaction is a cornerstone of our corporate philosophy. We offer:

- Maintenance and service
- Customer training
- Energy efficient products
- Sullair parts



节能认证

近二十款WS系列空气压缩机能效指标符合国家节能评价价值的要求，部分机型达到I级能效标准，将可申请国家节能补贴。

Energy Saving Certification

Parts of WS air compressors get to the evaluating values of energy conservation of GB19153-2009. And some get to the class I of it. That means better benefits.



与寿力在一起，您得到的不仅仅是空压机 With Sullair, You Are Not Just Buying a Compressor.

与寿力在一起，您购买的是世界领先的螺杆技术和服务全球的能力。寿力公司为制造业、纺织、食品、建筑、采矿、能源等各行各业提供优质的产品和服务。

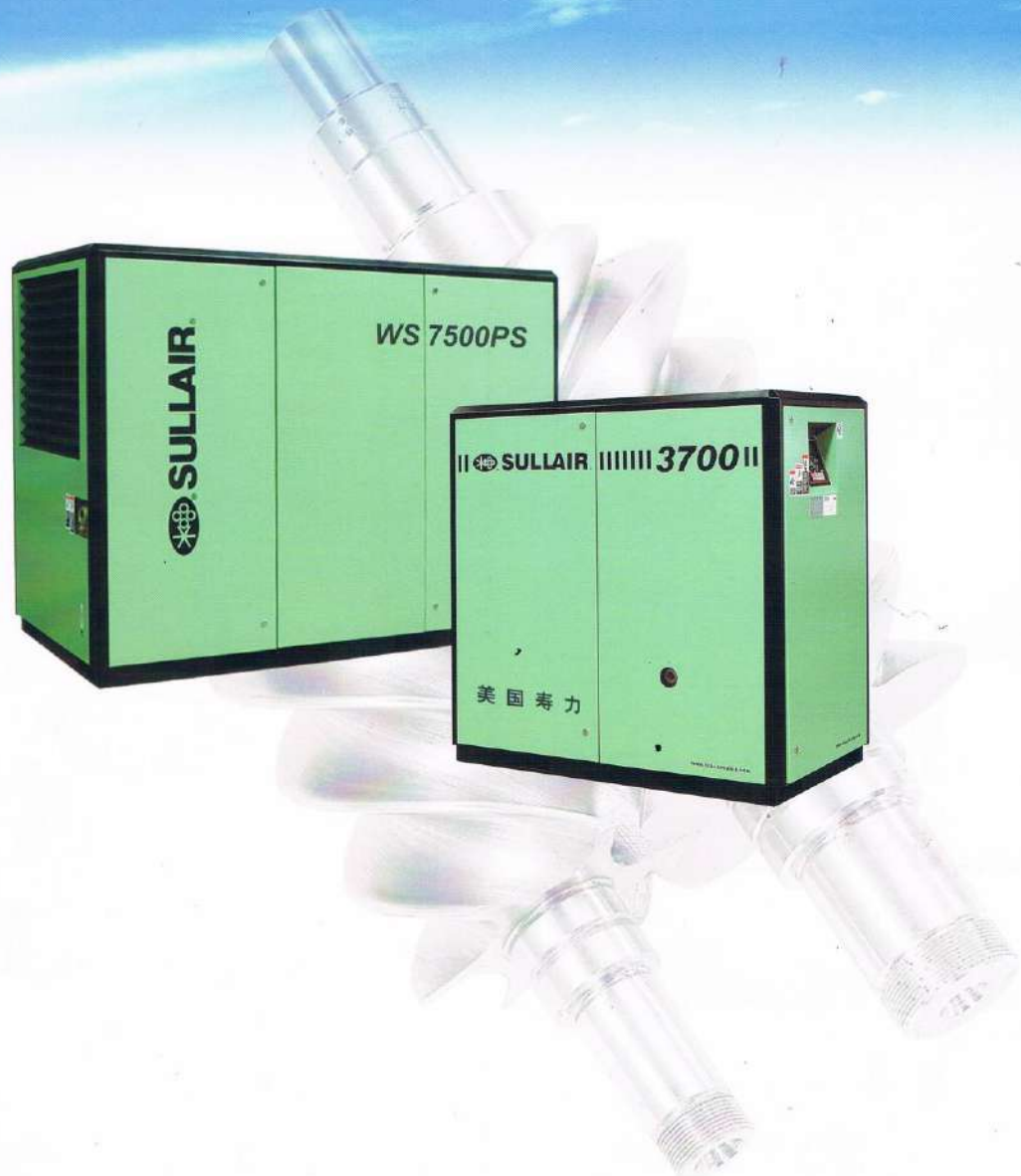
Your also receive worldwide leadership in rotary screw technology and global capabilities. Sullair serves the compressed air needs of manufacturing, textile, mining and energy-related businesses etc, around the world.

寿力国际服务网络包括各地子公司、指定代理商及经销商，他们每天都在向世界每一个角落的寿力客户提供尽善尽美的服务。

Sullair's international network of field offices, authorized distribution centres and licensees respond to the needs of Sullair customers in every corner of the world. They are rapidly and directly.

寿力螺杆式空气压缩机
Sullair Rotary Screw Air Compressors

WS18-WS75 ■ 18-75kW



 **SULLAIR**
Always air. Always there.

WS系列空气压缩机与众不同的特点

Features and Benefits That Set Sullair Apart

WS系列空气压缩机标配特性

- 进气容量调节阀，性能可靠卓越
- 长寿命轴承，可靠的转子，高品质的螺杆总成
- Nema 4 高效电机，绝佳的电机冷却设计，更长的电机使用寿命
- 豪华型微电脑控制器
- Optimalair™ 超级空气过滤器，与其它过滤器相比，过滤效率高出10倍
- Sullube™ 润滑油，8000小时使用寿命，可生物降解，排气含油量低于2ppm
- 无需添加设备即实现多台空气压缩机顺序控制
- 最小的占地空间
- 低噪音，可达67分贝
- 环保，健康，安全设计

Standard Features

- Low restriction inlet valve for better cfm performance
- Low life cycle costs including long-life bearings, rotors, and the air end
- Nema 4 standard and excellent motor cooling design characteristics for longer motor life
- WS microprocessor standard
- Optimalair™ air filter provides 10 times better filtration than other filters
- Sullube™ -8000-hour non-varnishing, biodegradable compressor fluid and less than 2 ppm fluid carryover
- Sequenced standard
- Smallest footprint in its class
- Quietest in its class, as low as 67 dBA
- Environmental, health, and safety design features

结构紧凑

寿力WS系列空气压缩机满足了更小的空间要求：

- 相对其他压缩机，占地空间更小
- 所有的维护服务均可单面完成，减少了维护空间需求

The Smallest Footprint in Its Class

This Sullair WS series compressors meet the need for a smaller footprint.

- More compact than any similar compressor on the market
- All the maintenance is performed from one side, reducing the amount of clearance and floor space typically required

静音设计

寿力WS系列空气压缩机采用以下低噪音设计：

- 机头，电机，油气分离罐均设置橡胶减振垫
- 进风口和排风口有效隔离
- 低噪音风扇

事实上，寿力WS系列空气压缩机非常安静，它可以安装到用户需要的任何用气现场。

Quiet Design

This Sullair series incorporates many design features to reduce the noise of the machine.

- Air end, motor and receiver tank are mounted on rubber isolator
- Insulate intake and exhaust louvers
- Low-noise fan

In fact, these compressors are so quiet they can be installed anywhere in your facility.

选配项

- 风冷或水冷（水冷仅限45kW以上机组）
- 不同防护等级电机
- 变频控制或变频控制

Options

- Choice of air- or water-cooled
- Other motors
- Air end with VCC or VSD control system



油气分离系统

- 大容积高效的油气分离系统，内部为特殊设计，多级分离结构，分离效果佳
- 低压降，减少至少1%的功耗

Oil-air Separator

- Big tank for Oil-air Separator, more classes separation to good separation result
- The pressure decreased lowly and saving almost 1% power

空气过滤器

- 最新纳米科技，提供最佳的过滤效率
- 低进气阻力提高了空气压缩机效率
- 超高的容污能力，比普通滤材大3倍以上
- 表层过滤技术，易于清洗和维护
- 保证润滑油液不被污染，延长零部件寿命

Air Filter

- Optimalair™ media provide the best efficiency
- Improve the efficiency of compressor by lower air inlet restriction
- High dust capacity, treble of common media at least
- Surface filtration technology make maintenance and refresh easier
- Guarantee oil high lever protection against pollution, extend the life of parts

进气调节阀

- 减少空压机加卸载的次数，降低运行费用
- 减少载荷冲击，延长机器寿命
- 可实现排气量0%–100%的无级调节
- 更好地满足客户用气需求，节约能耗

Inlet Valve

- Decrease the times of load and unload and low running cost
- Longer life for seldom impulsive load
- Match compressor output with demand 0%-100% adjustment
- Matching to the output need and energy savings

弹性联轴器

- 避免载荷冲击，传动效率高，运行可靠
- 可径向拆装，便于对轴封进行维护

Flexible Couple

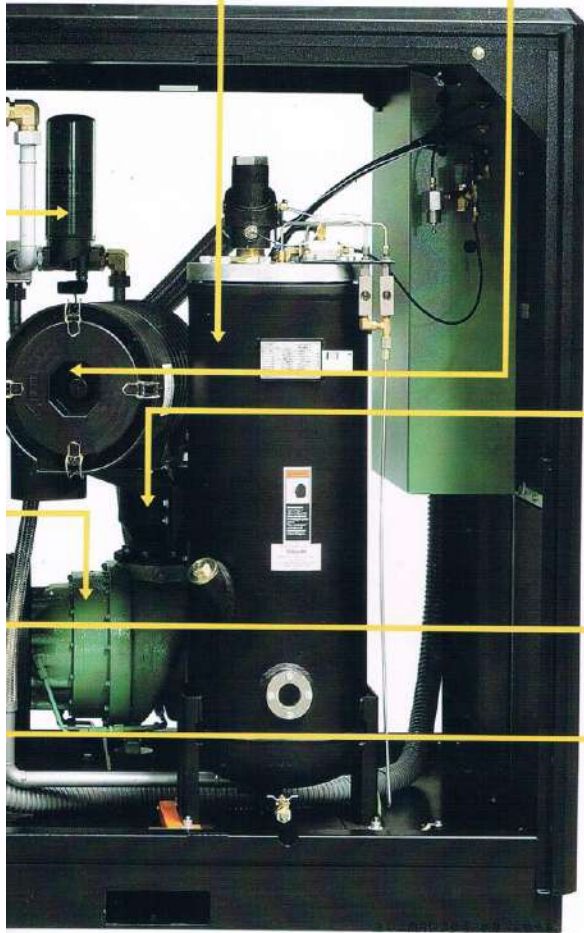
- Avoiding impulsive load, high efficient driving and reliable operation
- Install or remove the element radially and easy of maintenance for shaft seal

高性能电机

- 散热能力强，B级温升，绝缘不易老化。
- 高品质轴承，寿命长，确保长期连续无故障运行

High Efficiency Motor

- F class insulation with temperature rise B and better cooling effect
- Excellent bearings for longer life



技术参数 Technical Specifications

WS1800-7500工频空气压缩机

型号 Model	马达 Motor		最大排气压力 Max. working pressure				重量 Weight-kg	出口尺寸 Discharge Connection
	HP	kW	7.6bar 排气量	8.6bar Capacity-m ³ /min *	10.6bar	12.6bar		
1800	25	18	3.2	2.9	2.6	2.2	610	Rc1-1/2
2200	30	22	3.75	3.55	3.1	2.7	680	Rc1-1/2
3000	40	30	5.1	4.75	4.1	3.4	820	Rc1-1/2
3700	50	37	6.8	6.3	5.8	5.1	1020	Rc1-1/2
4500	60	45	8.5	7.8	6.9	5.65	1249	G2
4500PS	60	45	4.3~8.6	3.9~7.8	-	-	1249	G2
5500	75	55	10.5	9.5	8.6	7.6	1297	G2
5500P	75	55	11.2	10	-	-	1297	G2
5500PS	75	55	5.6~11.2	5.0~10	-	-	1297	G2
7500	100	75	13.5	12.5	11.1	-	1350	G2
7500P	100	75	14.7	13.7	12.4	10.8	1488	G2
7500PS	100	75	7.35~14.7	6.85~13.7	6.2~12.4	5.4~10.8	1488	G2

WS1800-7500变频空气压缩机

型号 Model	马达 Motor		最大排气压力 Max. working pressure				重量 Weight-kg	出口尺寸 Discharge Connection
	HP	kW	7.6bar 排气量	8.6bar Capacity-m ³ /min *	10.6bar	12.6bar		
1800VSD	25	18	-	1.0-3.0	0.8-2.6	0.7-2.2	610	Rc1-1/2
2200VSD	30	22	-	1.2-3.6	1.0-3.1	0.9-2.8	680	Rc1-1/2
3000VSD	40	30	-	1.6-4.75	1.4-4.25	1.2-3.7	820	Rc1-1/2
3700VSD	50	37	2.3-6.8	2.1-6.3	1.9-5.8	1.7-5.1	1020	Rc1-1/2
4500VSD	60	45	1.95-8.5	1.92-7.93	1.9-6.9	1.78-5.65	1249	G2
5500VSD	75	55	2.52-10.6	2.54-9.85	2.13-8.6	2.09-7.73	1297	G2
7500VSD	100	75	3.23-13.5	3.29-12.55	2.79-11.1	-	1350	G2
7500P VSD	100	75	3.55-14.8	3.55-13.7	2.71-12.0	2.71-10.8	1488	G2
7500PS VSD	100	75	1.78-14.8	1.78-13.7	1.36-12.0	1.36-10.8	1488	G2

设备尺寸 Dimensions(mm)

型号 Model	长 Length	宽 Width	高 Height	冷却水管连接尺寸 Pipe Connection
1800、2200系列	1350	800	1350	-
3000、3700系列	1574	875	1562	-
4500、5500、7500系列	2300	1180	1750	G1-1/4

注:

1. WS18-37均为风冷机型, WS45-75包含风冷和水冷机型。
2. 排气量是在额定排气压力下测得, 根据国际GB3853测试(等同于ISO1217 附录C)。

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寿力压缩空气系统

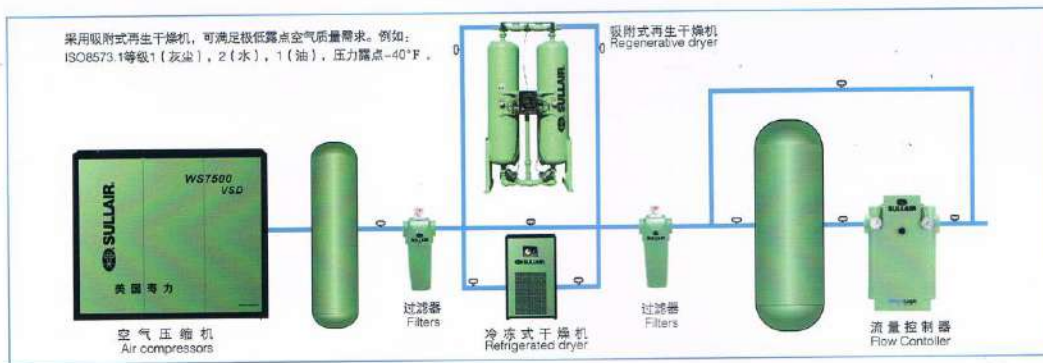
Sullair Stationary Air Power Systems

寿力压缩空气系统包括：空气压缩机，冷冻式干燥机，吸附式干燥机，压缩空气过滤器和流量控制器。根据不同的压缩空气质量要求，寿力提供相应的压缩空气系统配置。

Sullair's air system include: compressor, refrigerated dryer or desiccant dryer, filters and flow controller. You can select the air quality level to meet your plant air or process requirements.

寿力保证：我们的设备像金子一样……。寿力压缩空气系统能够达到最严格的ISO8573.1:2001空气质量标准，满足客户最关键场所的压缩空气应用需求。

Sullair guarantees it... and that's good as gold. The air from this Sullair System meets the most stringent ISO standard (ISO8573.1, Class 1 for oil vapor and Class 2 for particulate) for air quality.



关注环境

A Concern for Environment

寿力不仅致力于为客户提供最高效率的空气压缩机产品，而且注重环境保护。寿力WS系列空气压缩机具有以下环保特性：

- 全封闭的保护盘
- 润滑油用量低，且可生物降解
- 使用橡胶减震器，减少了噪音

Sullair not only focuses on conservation and committed to providing air compressors but also is a concern for the environment.

- Fully-sealed protection pan
- Low fluid capacity and no disposal issues
- Low noise for rubber isolators



寿力压缩空气系统

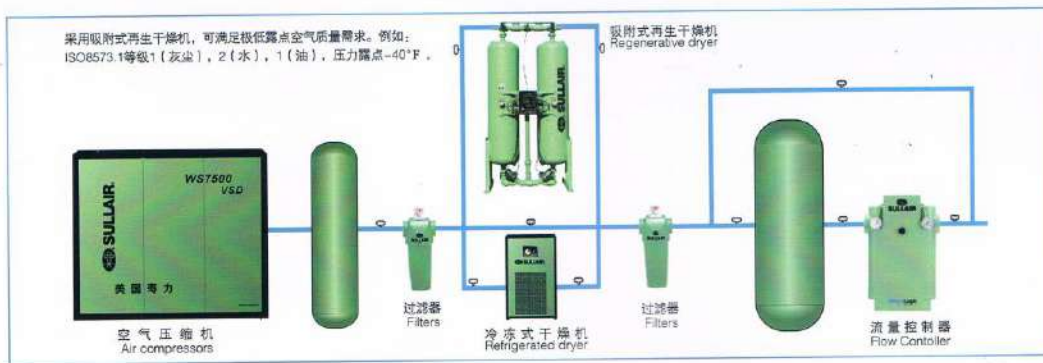
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