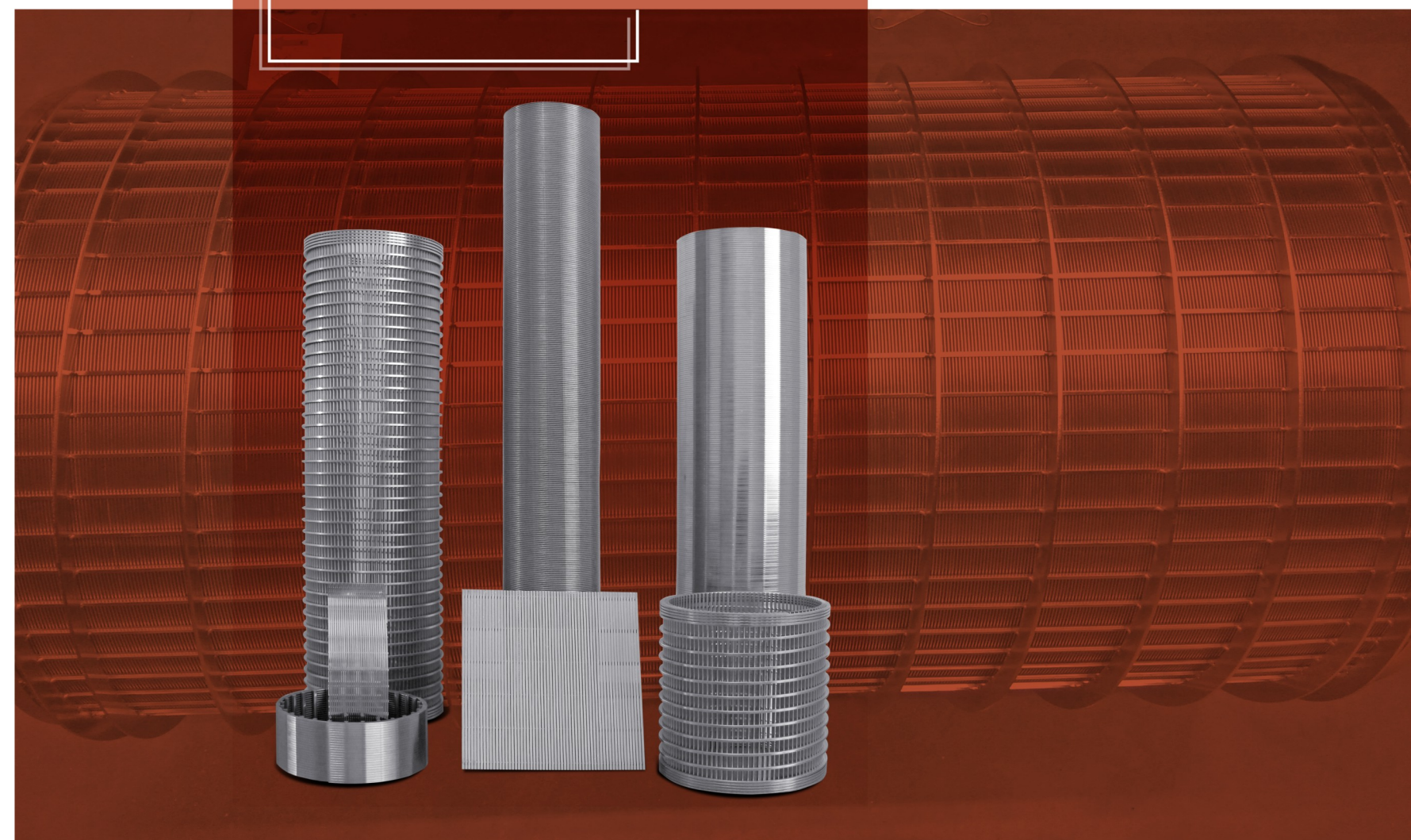




约翰逊网产品系列
JOHNSON SCREEN PRODUCTS SERIES

PURIFY WORLD
FROM
SHENGDA

纯净世界来自胜达



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胜 达 过 滤
SHENGDA FILTRATION

CORPORATE PROFILE 公司简介

胜达过滤成立于1998年，自成立以来，一直致力于过滤产品的研究、设计和制造。公司制造设备先进，制作工艺稳定，质量保证体系健全，通过了ISO9001:2015质量管理体系认证、ISO14001:2015环境管理体系认证、OHSMS18001:2007职业健康安全体系认证；EJ/T9001-2014核工业质量管理体系认证；A1、A2压力容器设计和制造许可证，美国机械工程师协会（ASME）颁发的压力容器设计制造证书和钢印。产品主要应用在石油、化工、煤化工、天然气、核电、燃气轮机发电、风电、燃煤发电、工程机械、采煤等领域。

针对新品研发，公司成立了过滤实验室，该实验室是一个从事过滤与分离技术研发工作的专业实验室，检测设备完善，能够测试评定滤材、滤芯和过滤设备的各项性能。按照分离相的不同，主要分为气-固分离、气-液分离、液-固分离及液-液分离等。实验室成立以来，从行业内大型的国产化项目，到现场一线操作人员的细小问题优化，我们攻克了一个个难题，得到了客户和国家相关部门的认可。

除此之外，公司一直在缔造公司独有的胜达品质，胜达品质不仅指产品质量，而是包括产品、人格、商誉、服务等全方位的优化和品质文化的培育、品质环境的创造。人格就是人的品质、人的尊严，胜达人不仅要以高品质体现个人自豪感、尊严感，更要致力于争创中国人自己的国际品牌，使“胜达”从中国品牌发展为国际品牌。

Shengda Filtration is engaged in research, design and manufacture of filtration products since establishment in 1998. With advanced manufacturing equipment, sophisticated production technology, sound quality assurance system, we have passed the ISO 9001:2015 Quality Management System, ISO 14001:2015 Environmental Management System, OHSMS18001:2007 Occupational Health and Safety Management System, EJ/T9001-2014 Nuclear Industry Quality Management System, Design and Manufacture License of Category A1, A2, Design and Manufacture certificate of authorization and Regulation Stamping by the American Society of Mechanical Engineers (ASME) with U stamp. The products are mainly applied to petroleum, chemical, coal chemical, natural gas, nuclear power, gas turbine generation, and wind power, coal-fired power generation, engineering machinery, and coal mining industry, etc.

We build up Filtration Test Lab for product research and development. Filtration test laboratory is professional in researching and developing filtration & separation technique. Supported with sophisticated test & inspection facility, the test lab can provide various performance evaluations of filter material, filter cartridge, and filter equipment. The main research can be divided into the following according to separation phase difference: gas-solid separation, gas-liquid separation, liquid-solid separation and liquid-liquid separation. Since establishment, we have overcome difficulties, from large-scale localization project to minor problem optimization of site operator accepted and recognized by customer and relevant national department.

Additionally, we are creating unique "Shengda Quality" all the time. "Shengda Quality" not only refers to products character, but also all-round optimization covering product, personality, business reputation, service, quality culture cultivation and quality environment creation. Personality means human character, and human dignity. As Shengda's staff, we shall not only show personal pride, sense of dignity, but also devote ourselves to creating own International brand, making "Shengda" world-renowned.

QUALIFICATION HONOR 资质荣誉



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PRODUCT OVERVIEW OF JOHNSON
约翰逊网产品综述

简介 / Introduction

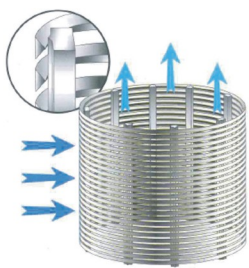
约翰逊网（俗称：楔形丝网）是由V形绕丝与支撑杆在高精度的专用焊接设备上制造而成，由于其特殊的V形开孔结构和易于反洗再生的优点，从而被各行各业所广泛运用。

Johnson screen (commonly known as wedge wire screen) is made of V-shape profile wire and support rod on high precision special welding equipment. Because of its special V-shape slot opening and the advantages of easy backwash and regeneration, it is widely used in various industries.

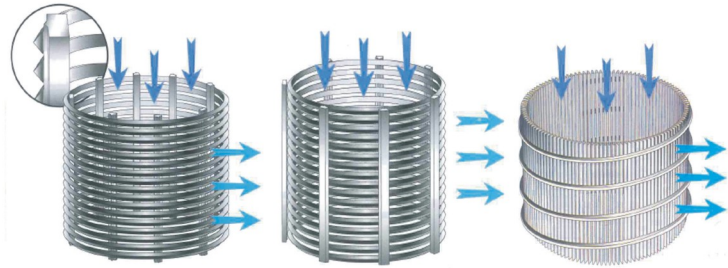
约翰逊网的工业运用可分为
The industrial application of Johnson screen can be divided into

- ▶ 过滤材料
▶ Filter material
- ▶ 填料支撑
▶ Packing support
- ▶ 附着载体
▶ Attached carrier
- ▶ 流体筛分
▶ Fluid screening

圆柱形 / Cylindrical shape

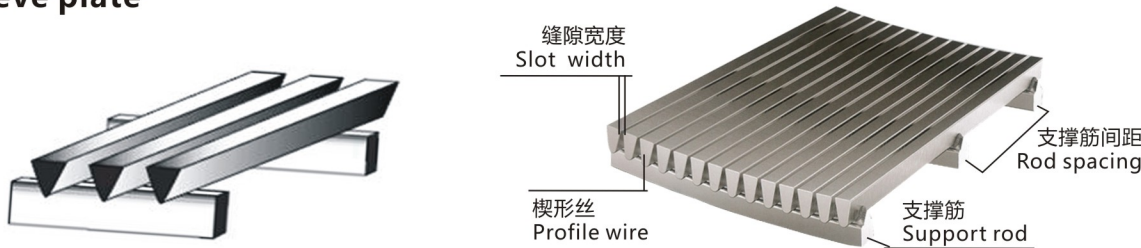


过滤形式：由外向内过滤
Filtering direction: from outside to inside



过滤形式：由内向外出滤
Filtering direction: from inside to outside

筛板形 / Sieve plate



表面丝规格汇总 / The Specification Of Wedge Wire

形状 / Shape	名称 (丝号) Name(wire No.)	宽度 (mm) Width	高度 (mm) Height	截面积 (mm²) Sectional area	角度 (α°) Angle
▼	10S (20#)	0.5	1.2	0.3	11.5°
▼	11S (30#)	0.75	1.5	0.645	10°
▼	12S (50#)	1.0	2.0	1.9	10°
▼	13S (60#)	1.5	2.5	2.5	13°
▼	21S (70#)	2.0	5.0	6.4	10°
▼	23S (90#)	2.2	4.5	5.8	10°
▼	31S (118#)	3.0	5.2	9.6	12°
▼	34S (130#)	3.4	6.8	11.98	10°
▼	41S (158#)	4.0	6.0	17.94	8°
▼	51S (191#)	5.0	9.5	35.5	5°

支撑筋规格汇总 / The Specification Of Support Rod

形状 / Shape	名称 Name	宽度 (mm) Width	高度 (mm) Height	截面积 (mm²) Sectional area
▲	15D	1.5	2.5	2.5
■	23D	2.0	3.0	4.5
▲	24D	2.2	4.5	5.8
■	35D	3.0	5.0	11.6
▬	210D	2.0	10	19.0
▬	310D	3.0	10	28.5
▬	315D	3.0	15	43.5
▬	325D	3.0	25	72.0
▬	350D	3.0	50	145.5

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AUTOMATIC BACKWASH FILTER ELEMENT 自动反冲洗过滤器滤芯

简介 / Introduction

自动反冲洗过滤器滤芯是以约翰逊管为过滤材料的一种过滤器用滤芯，该滤芯的光滑面为过滤面，缝隙为条缝形，属于表层过滤形式；作为多个形式的自动反洗过滤器的过滤元件被广泛地应用于各种行业的流体过滤。

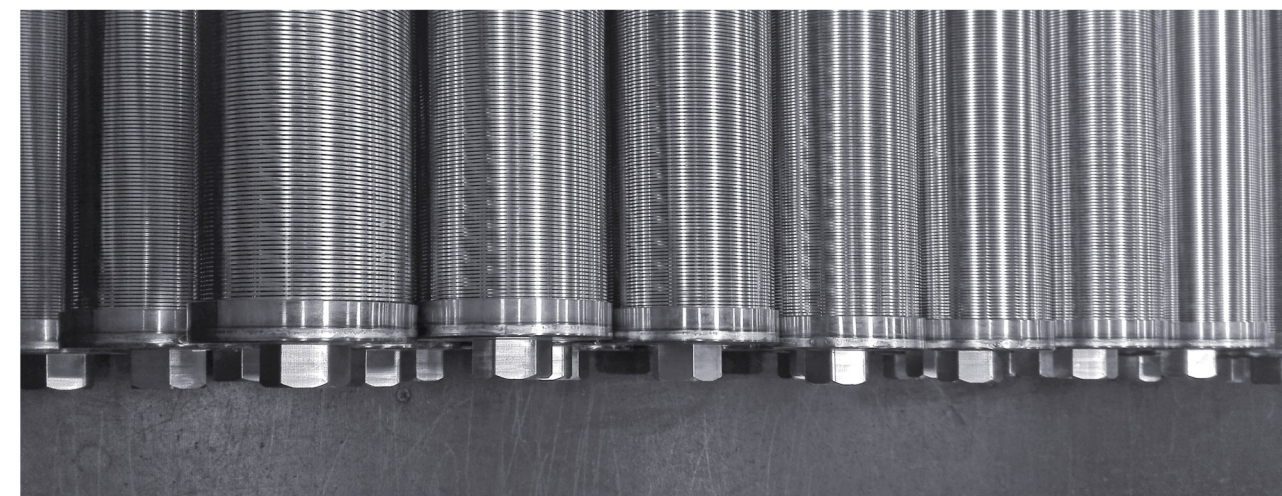
Automatic backwash filter element, surface filtration form, is made of wedge wire tube as filter material. Its smooth surface is the filter surface and the slot opening is slit shape. It is widely used for fluid filtration in various industries as multiple forms of automatic backwash filter element.

执行标准 / Applicable code

► 绕焊不锈钢筛管 (SY/T5182-2008) / contour welding stainless steel pipe (SY5182-87)

常用材质 / Common materials

► 304、304L、321、316、316L、904L、双相不锈钢2205、双相不锈钢2507、蒙乃尔合金、钛材等
► 304, 304L, 321, 316, 316L, 904L, duplex stainless steel 2205, duplex stainless steel 2507, Monel, titanium, etc.



特点 / Characteristics

- 机械强度高，能承受较大的压差
- 过滤缝隙均匀，能够形成比较均匀的滤饼，利于反洗再生
- 楔形的过滤缝隙，可以提高反洗再生能力
- 耐压、耐温、抗老化、抗腐蚀，可适用于各种流体
- 近乎二维的结构形式没有颗粒堆积死角，楔形缝隙在反冲洗时又能聚集反冲洗能量，反冲洗效果好
- High mechanical strength, withstand large differential pressure
- Uniform slot opening can form a uniform filter cake, which is conducive to backwashing and regeneration
- Wedge shape slot opening can improve the ability of backwashing and regeneration
- Resistance to pressure, temperature, aging and corrosion, applicable to all kinds of fluids
- The near two-dimensional structure has no dead angle of particle accumulation, wedge-shaped slot opening can accumulate backwash energy when backwashing, and the backwashing effect is good

应用领域 / Application

- 广泛的运用于石油炼化、煤化工、污水处理、啤酒制造、食品医药等行业的液体过滤
- Widely used in petroleum refining, coal chemical, sewage treatment, beer manufacturing, food, medicine, and other industries of liquid filtration

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CANDLE-SHAPE TUBE FOR FILTERING MACHINE 烛式过滤机滤棒

简介 / Introduction

烛式过滤机的筒体里配置1至多根滤棒，滤棒上覆有根据原料液特性选择的专用助滤剂（如活性炭，硅藻土等），当液体经过滤棒时，会在滤棒表面逐步集聚液体中的固体物质当这些固体物质达到一定厚度时，就形成了所谓的“滤饼层”。由于滤饼层微粒之间的空隙很小，阻留了液体中颗粒杂质的逃逸，这样就使滤液变清，达到生产所需的过滤效果。

One or more candle-shape tubes are set in the barrel of filtering machine. Covered with a special filter aid (such as activated carbon, diatomite, etc.), the surface of candle-shape tube gradually accumulates solids from the passing liquid. When the solids reach a certain thickness, the so-called "filter cake layer" is formed. Due to the small gap between the particles in the cake layer, the escape of the particles in the liquid is prevented, so that the filtrate becomes clear and the required filtration effect is achieved.

执行标准 / Applicable code

- ▶ 绕焊不锈钢筛管 (SY/T5182-2008)
- ▶ Contour welding stainless steel pipe (sy5182-87)

常用材质 / Common materials

- ▶ 304、304L、321、316、316L、904L、双相不锈钢2205、双相不锈钢2507、蒙乃尔合金、钛材等
- ▶ 304, 304L, 321, 316, 316L, 904L, duplex stainless steel 2205, duplex stainless steel 2507, Monel, titanium, etc.



特点 / Characteristics

- ▶ 机械强度高，能承受较大的压差
- ▶ 过滤缝隙均匀，能够形成比较均匀的滤饼，利于反洗再生
- ▶ 楔形的过滤缝隙，可以提高反洗再生能力
- ▶ 耐压、耐温、抗老化、抗腐蚀，可适用于各种流体
- ▶ High mechanical strength, withstand large differential pressure
- ▶ Uniform slot opening can form a uniform filter cake, which is conducive to backwash and regeneration
- ▶ Wedge shape slot opening can improve the ability of backwashing and regeneration
- ▶ Resistance to pressure, temperature, aging and corrosion, applicable to all kinds of fluids

应用领域 / Application

广泛的运用于食品行业、医药行业、水处理、啤酒制造、化工等行业的液体过滤

Widely used in food industry, pharmaceutical industry, water treatment, beer manufacturing, chemical industry and other industries of liquid filtration



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JOHNSON SCREEN COLLECTOR AND DISTRIBUTOR HEADERS WITH LATERALS 约翰逊管式分布器

简介 / Introduction

约翰逊管式分布器是由一系列管连接到中央总管或支管上构成的，可实现均匀、有效的分配和收集；安装在顶部使用的分布器可确保工艺流体均匀的通过床层，位于底部的分布器则可收集处理后的流体，将其通过容器侧壁或支管连接到中央集管输送到容器底部排除。可采用螺纹、法兰等多种连接形式，将支管安装在中央集管或集管器上；为增加支管强度和流体分布，支管可内衬多孔管。

A collector/distributor assembly utilizing a header pipe or a hub to which several filtering tubes are attached to enable excellent collection or distribution. The purpose of the top distributor and collector assembly is to ensure that the process fluid flows evenly through the bed. The purpose of the bottom distributor and collector assembly is to collect treated fluid and transfer it through the side walls of vessel or laterals attached to the hub or header pipe connecting in thread or flange. Each lateral consists of either a single wedge wire screen or screen jacket with an internal perforated pipe to control distribution and to add mechanical strength where required.

执行标准 / Applicable code

- ▶ 绕焊不锈钢筛管 (SY/T5182-2008)
- ▶ Contour welding stainless steel pipe (sy5182-87)

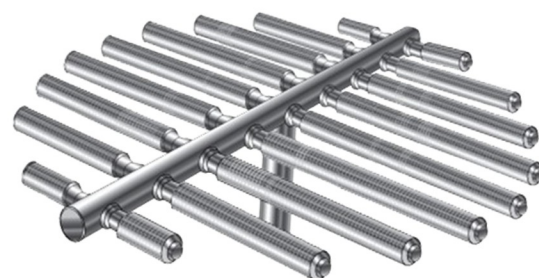
常用材质 / Common materials

- ▶ 304、321、316L、904L、双相不锈钢2205/2507等
- ▶ 304,321,316L,904L, duplex stainless steel 2205 / 2507, etc.



特点 / Characteristics

- ▶ 机械强度高，能承受较大的压差
- ▶ 楔形的过滤缝隙，可以提高反洗再生能力
- ▶ 耐压、耐温、抗老化、抗腐蚀，可适用于各种流体
- ▶ High mechanical strength, withstand large differential pressure
- ▶ Wedge shape slot opening can improve the ability of back washing and regeneration
- ▶ Resistance to pressure, temperature, aging and corrosion, applicable to all kinds of fluids



WATER CAP (NOZZLE) 水帽 (喷嘴)

简介 / Introduction

水帽常用于液固分离或气固分离的装置中，它通常作为收集器或分配器使用，经常被运用于除盐装置、水软化器、以及沙滤器和石化行业的甲乙酮装置中。而其最特殊的运用为甲乙酮装置中的904L水帽，该水帽属炼化企业核心设备的关键内件，因受操作工况复杂且水帽所接触介质具有严重腐蚀性，还需承受较大压差等一系列不利因素的影响，该水帽长期被国外厂家所垄断；我司经过近三年的不懈努力，通过不断搜集掌握相关数据，认真研究和探索904L水帽生产工艺，成功推出我们的904L水帽产品。

Nozzle is often used in liquid/solid or gas/solid separation (desalination, water soften, sand filter and methyl ethyl ketone units in the petrochemical industry, etc.) The most special one is the 904L nozzle in the methyl ethyl ketone unit-key inner parts of core equipment in refining and chemical enterprises. Because of the complex operating conditions, the serious corrosion of the medium contacted by the water cap and the large differential pressure, it has long been monopolized by foreign manufacturers. After nearly three years of unremitting efforts, through constantly collecting and mastering relevant data, we have successfully launched 904L nozzle by carefully studying and exploring the manufacturing process of 904L nozzle.

执行标准 / Applicable code

- ▶ 绕焊不锈钢筛管 (SY/T5182-2008)
- ▶ Contour welding stainless steel pipe (sy5182-87)

常用材质 / Common materials

- ▶ 304、321、316L、904L、双相不锈钢2205/2507等
- ▶ 304,321,316L,904L, duplex stainless steel 2205 / 2507, etc.



特点 / Characteristics

- ▶ 机械强度高，能承受较大的压差
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OUTLET BASKET 出口收集器

简介 / Introduction

出口收集器形状为帽状部件，其主要运用于反应器底部，用于支撑下部的催化剂床层和阻止反应器底部的瓷球从出口漏出，从而减小床层的压降和改善反应物料的分配。我公司积累了丰富的经验，可以设计制造用于各种工艺的多种结构的出口收集器。

To minimize pressure drop of catalyst bed and improve the distribution of reactant, the outlet basket supports the bed and prevents the porcelain balls at the bottom of the reactor from leaking. We have accumulated abundant experience and can design and produce it with many structures applied in many industries.

执行标准 / Applicable code

- ▶ 绕焊不锈钢筛管 (SY/T5182-2008)
- ▶ Contour welding stainless steel pipe (sy5182-87)

常用材质 / Common materials

- ▶ 304、321、316L、904L、双相不锈钢2205/2507等
- ▶ 304,321,316L,904L, duplex stainless steel 2205 / 2507, etc.

特点 / Characteristics

- ▶ 机械强度高，能承受较大的压差
- ▶ 楔形的过滤缝隙，可以提高反洗再生能力
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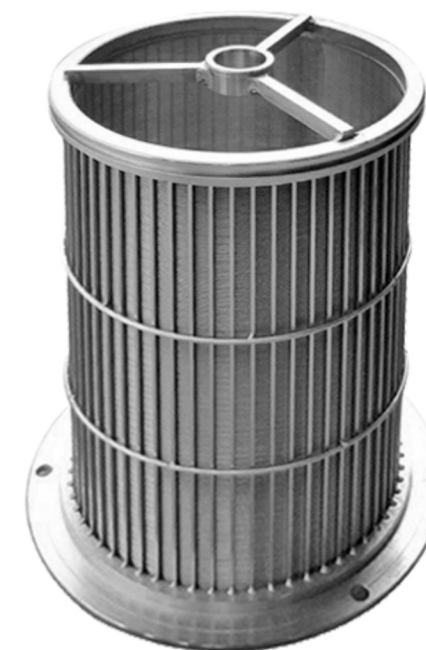


NORMAL RADIAL INTERNAL WIRE FILTER TUBE 管道过滤器反卷滤芯

简介 / Introduction

管道过滤器反卷滤芯是在专用大直径绕焊设备上绕制后，通过纵向切割，然后用特制的校平设备整平，然后再根据产品的大小进行分割，最后反向卷圆焊接或分块拼焊而成的特殊构件滤芯；该种滤芯我司最大直径可做到2m，最小直径可做到0.1m，最大长度为6m。

Normal radial internal wire filter tube is a special filter element by welding on the special large diameter contour welding equipment, cutting through the longitudinal, leveling with the special leveling equipment, dividing according to the size of product and welding these sections together by piecewise or rolling reversely.



执行标准 / Applicable code

- ▶ 绕焊不锈钢筛管 (SY/T5182-2008)
- ▶ Contour welding stainless steel pipe (sy5182-87)

常用材质 / Common materials

- ▶ 304、321、316L、904L、双相不锈钢2205/2507等
- ▶ 304, 321, 316L, 904L, duplex stainless steel 2205/2507, etc.

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SEA WATER FILTER ELEMENT 海水过滤器滤芯

简介 / Introduction

海水过滤器滤芯主要作用于海水及同类工况的液体过滤；其针对于该类工况的强腐蚀性和复杂性，我司制作的该种滤芯整体采用monel 400镍基合金材料，monel 400镍基合金材料的特性是具有良好的耐腐蚀性及化学稳定性，这种材料的运用极大的提高了在海水过滤及同类工况中滤芯的使用寿命。



Sea water filter element is mostly used in the filtration of seawater and liquid under the similar working condition. Considering to the complicate and corrosive working condition, the filter material is Monel 400 (nickel base alloy) for its good corrosion resistance and chemical stability. Its application greatly improves the service life of filter element in seawater filtration.

执行标准 / Applicable code

- ▶ 绕焊不锈钢筛管 (SY/T5182-2008)
- ▶ Contour welding stainless steel pipe (sy5182-87)

常用材质 / Common materials

- ▶ 321、316L、904L、双相不锈钢2205/2507、蒙乃尔400、钛材等
- ▶ 321, 316L, 904L, duplex stainless steel 2205/2507, Monel 400, Titanium, ect.

特点 / Characteristics

- ▶ 机械强度高，能承受较大的压差
- ▶ 楔形的过滤缝隙，可以提高反洗再生能力
- ▶ 耐压、耐温、抗老化、抗腐蚀等
- ▶ High mechanical strength, withstand large differential pressure
- ▶ Wedge shape slot opening can improve the ability of backwashing and regeneration
- ▶ Resistance to pressure, temperature, aging and corrosion



JOHNSON SCREEN INNER BASKET \ OUTER BASKET 约翰逊网内外筒

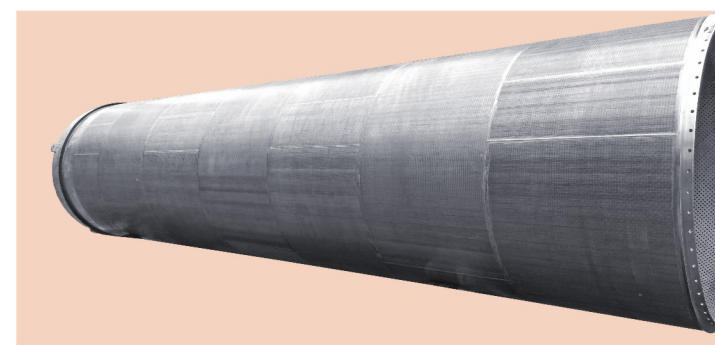
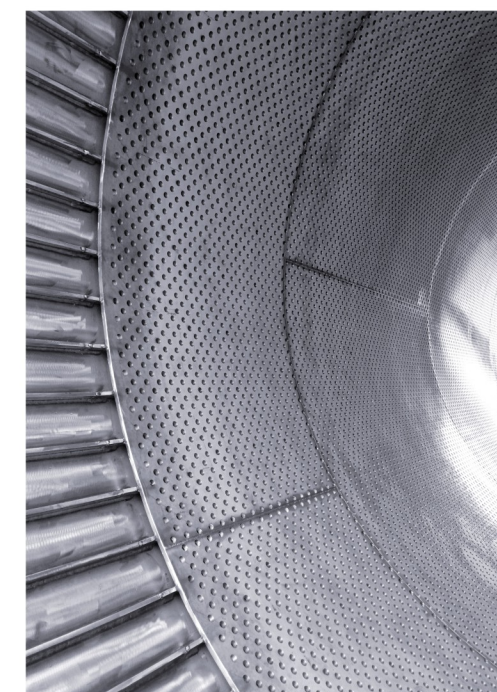
简介 / Introduction

约翰逊网内外筒被广泛应用于催化重整、苯乙烯、合成氨、丙烷脱氢等装置的再生器内件；其外筒是径向反应器内件系统网的重要组成部分，主要作用为介质流体的收集与分布；因为外筒的整体独立式结构，壳体内壁与其形成更大的空间，因此具有更高的介质处理能力，显著的提高了工艺效率。

Johnson screen inner/outer basket is widely used in regenerator internals for catalytic reforming, styrene, synthetic ammonia, propane dehydrogenation, etc. The outer basket is an important part of the radial reactor internal system and its main function is to collect and distribute the fluid medium. Because of the integral independent structure of the outer basket, there are more spaces between it and the inner wall of shell, so it has a higher media processing capacity and significantly improves the process efficiency.

执行标准 / Applicable code

- ▶ 绕焊不锈钢筛管 (SY/T5182-2008)
- ▶ Contour welding stainless steel pipe (sy5182-87)



常用材质 / Common materials

- ▶ 304、321、316L、347H、双相不锈钢2205/2507等
- ▶ 304, 321, 316L, 347H, duplex stainless steel 2205/2507, ect.

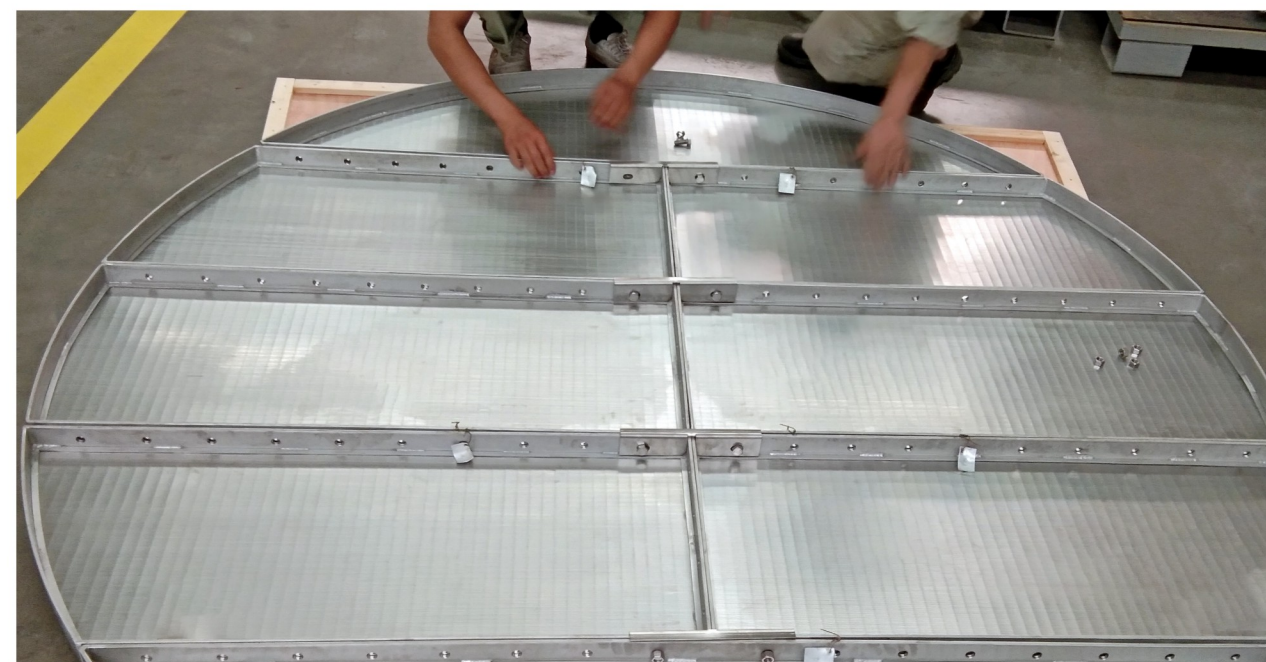
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JOHNSON SCREEN SUPPORT GRID 约翰逊网支撑格栅

简介 / Introduction

约翰逊网支撑格栅约翰逊网支撑格栅是由支撑梁（T型或I型）、格栅和上部约翰逊网组成；支撑梁的两端搭在反应器内壁的支座上，而格栅则放在支撑梁和支撑圈上，约翰逊网平铺或者焊接在格栅上；约翰逊网上部装填瓷球和催化剂，因其具有很好的机械强度，在与填料（石英砂或者瓷球等等）、催化剂接触摩擦中能有效的防止自身的损伤与撕裂，保障了反应器能够安全长期的平稳运行，因此逐步替代了传统的不锈钢方孔编织网+冲孔板铺层塔盘，在石化领域应用日益广泛。

Johnson screen support grid is composed of support beams (T shape or I shape), support girds and Johnson screens. The two ends of the support beams are placed on the support of the internal reactor shell. Johnson screens are rested on or welded to the support girds which are rested on the support beams and support ring. Porcelain balls and catalysts are loaded on the upper side of the Johnson screens. Because of its good mechanical strength, it can avoid self-damage and torn when contacting and rubbing with packing (silica sand or ceramic balls), catalyst, and ensure the reactor under normal, safety and stable operation for a long term. Therefore, it has gradually replaced the traditional stainless steel woven mesh and perforated plate tray, and has been widely used in petrochemical industry.



常用材质 / Common materials

- ▶ 304、321、316L、347H、904L、双相不锈钢2205/2507、蒙乃尔400、钛材等
- ▶ 304, 321, 316L, 347H, 904L, duplex stainless steel 2205/2507, Monel 400, Titanium, ect.

特点 / Characteristics

- ▶ 机械强度高，能承受较大的压差
- ▶ 楔形的过滤缝隙均匀、稳定，还可以起到流体二次分布的作用
- ▶ 耐压、耐温、抗老化、抗腐蚀等
- ▶ High mechanical strength, withstand large differential pressure
- ▶ Uniform and stable wedge shape slot opening plays a role in the secondary distribution of fluid
- ▶ Resistance to pressure, temperature, aging and corrosion



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JOHNSON SCREEN SAND CONTROL PIPE 约翰逊防砂筛管

简介 / Introduction

约翰逊防砂筛管一般由符合API标准的基管（冲孔无缝钢管）或者PVC管和高精度约翰逊筛管组焊而成。

Johnson screen sand control pipe is usually made up of base pipe (perforated seamless steel pipe) or PVC pipe, combined with high precision wedge wire screen, in accordance with API standard.

执行标准 / Applicable code

- ▶ 绕焊不锈钢筛管（SY/T5182-2008）
- ▶ Contour welding stainless steel pipe (sy5182-87)

常用材质 / Common materials

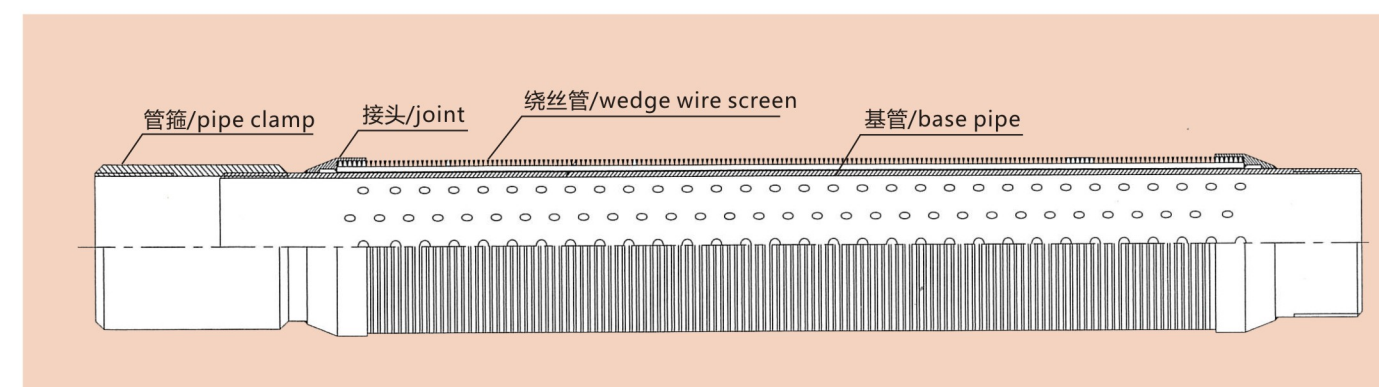
- ▶ 201、304、321、316L、904L等
- ▶ 201, 304, 321, 316L, 904L, etc.



特点 / Characteristics

- ▶ V型剖面结构，大大降低了堵塞的风险，运作更高效，保证了水资源过滤的顺畅性
- ▶ 楔形的过滤缝隙，有利于提高自身反清洗再生能力
- ▶ 高密度均匀筛缝间隙，保证了筛管高开孔率和无阻塞性，提高生产效率及延长水井的使用寿命
- ▶ 绕丝与所有支撑丝接触式熔融焊接，结实牢固，机械强度高，能够承受较大的抗压

- ▶ The V-shaped section structure of wedge wire greatly reduces the risk of blockage, operates more efficiently, and ensures the smoothness of water filtration
- ▶ The wedge-shaped filtering gap is helpful to improve the ability of self-cleaning and regeneration
- ▶ The high density and uniform slot opening ensures the high opening rate and non clogging surface, improves the production efficiency and prolongs the service life of the well
- ▶ By contact fusion welding the wedge wire and support rod, the sturdy sieve pipe has high mechanical strength and can withstand large pressure



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OVERFLOW WATER FILTER SIEVE BED 溢流水过滤器约翰逊网

简介 / Introduction

溢流水过滤器约翰逊网主要运用于石化企业聚烯烃装置挤压造粒系统溢流水过滤器，该过滤器的过滤介质为液态脱盐水（夹带聚丙烯碎屑），液体自上而下缓慢流过静态弧形筛（约翰逊网），液态水会从约翰逊网缝隙渗出，少量的聚丙烯碎屑会被脱离汇集至弧形筛底部。

高温熔融状态下的聚丙烯胶状物在冷却水环境下被切粒后，随液态水输送至干燥机前置筛板（约翰逊网），以达到液态水与聚丙烯颗粒分离的目的。

Overflow water filter sieve bed is used for overflow water filter of PP plant Pelleting system. The handled fluid is liquid desalting water (entrained with PP powder) which pass through the static arc sieve slowly (316L Johnson screen sieve), liquid water flows out from slots, a small quantity of PP powder flow down to the bottom of arc sieve. To achieve the purpose of separating liquid water from polypropylene particles, the molten polypropylene colloids in high temperature are granulated in cooling water and transported with liquid water to the front sieve plate of dryer (Johnson screen).

常用材质 / Common materials

- 304、321、316L等
- 304, 321, 316L, etc.

特点 / Characteristics

- 机械强度高，能承受较大的压差
- 楔形的过滤缝隙均匀、稳定
- 耐压、耐温、抗老化、抗腐蚀等
- High mechanical strength, withstand large differential pressure
- Wedge shape slot opening is uniform and stable
- Resistance to pressure, temperature, aging and corrosion

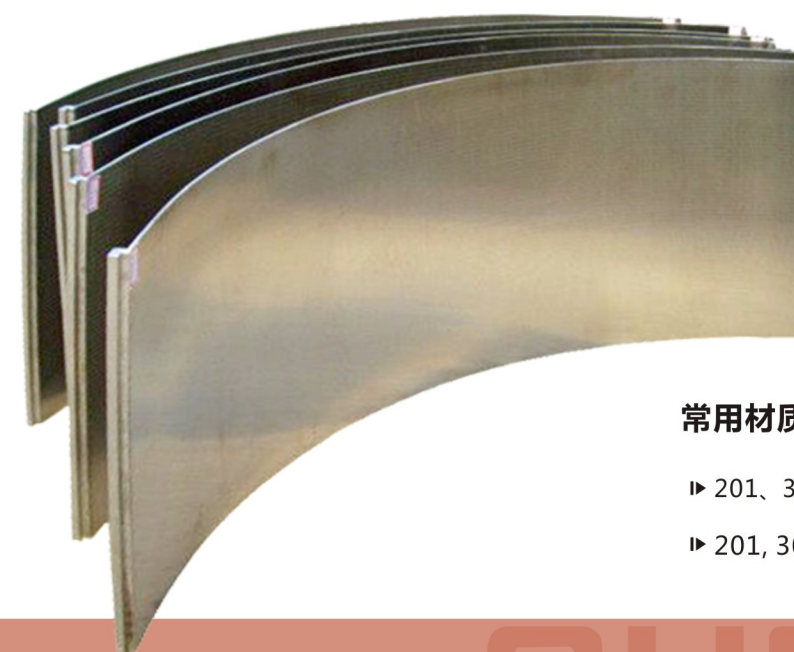


JOHNSON SCREEN 约翰逊筛网

简介 / Introduction

约翰逊筛网主要运用于造纸工业和选煤厂、选矿厂；在造纸工业中的运用为白水纤维的回收，浆料浓缩，喷淋用水和密封用水的净化，长短纤维分级，纤维/填料分离，白水过滤和污水处理等；在选煤和选矿中的运用为脱水、脱泥和脱介作业，分级煤泥的回收等。

Johnson screen is mainly used in paper-making industry, washery and concentrator mill. The application in paper-making industry is the recovery of white water fiber, slurry concentration, purification of spray water and seal water, classification of long and short fibers, separation of fiber /packing, white water filtration and sewage treatment, etc. The applications in washery and concentrator are dehydration, desliming and demineralization operation, recovery of classified slime, etc.



常用材质 / Common materials

- 201、304、321、316L等
- 201, 304, 321, 316L, etc.

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COMMONLY USED JOHNSON TUBE SPECIFICATION:
常用约翰逊管规格

规格 (mm) Specification	内径 (mm) Internal diameter	外径 (mm) Outer diameter	支撑丝间距(mm) Rod spacing	支撑丝数量 Support rod number	备注 Remark
φ25	17	25.4	10	8	
φ38	29	38	12.5	8	
φ45	36	45	14	10	
φ50	41	50	13	12	
φ55	46	55	14.5	12	
φ60	51	60	13.5	14	
φ65	56	65	12.5	16	
φ70	61	70	12	18	
φ80	71	80	12.5	20	
φ90	81	90	12.5	22	
φ100	90	100	10	36	
φ114	104	114	12.5	28	
φ168	156	168	12	44	
φ219	207	219	12.5	56	
φ268	256	268	15	56	
φ370	358	370	20	58	
φ400	388	400	25	50	
φ660	648	660	26	80	
φ750	738	750	30	78	
φ820	808	820	30	86	
φ1100	1082	1100	30	116	

注：以上参数仅供参考，可按照用户要求和特殊工况，非标定制。

Notes: All the above is just for reference. Customized is available.

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