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THE TECHNOLOGY LAUNCH FUTURE
科技启动未来

科技启动未来
THE TECHNOLOGY LAUNCH FUTURE



RED STAR
WIRE SCREENS

紅星篩網

企业使命
营造客户、员工、股东及社会和谐共赢的环境
Corporate Mission
Create a harmonious and win-win environment for customers,
employees, shareholders and society

战略目标
成为全球最具影响力的强势品牌
Strategic Target
Become a world famous brand

核心价值观
平等 尊重 沟通
Core Values
Equality Respect Communication

核心竞争力
创新 品质 服务
Core Competence
Innovation Quality Service

企业精神
认真做事 诚恳做人
Enterprise Spirit
Serious Work Sincere Person

企业机制
公正机制 竞争机制 激励机制
Enterprise Mechanism
Adjustment Competition Incentive

管理理念
创新企业长青的基石
Management Concept
The cornerstone of innovation of enterprise evergreen

质量理念
没有最好，只有不断进步取得更好
Quality Concept
Only the continuous progress to achieve better

服务理念
成就客户才能成就自己
Service Concept
Achievement customers then achieve us own

企业质量方针
以客户满意度作为质量标准
Quality Policy
Customer satisfaction as a quality standard



RED STAR
WINE SCREENS

紅星篩網

公司简介

RED STAR COMPANY PROFILE

红星丝网制造有限公司是一家在矿山筛网制造领域具有卓越成就和广泛影响力的企业。

一、发展历程

公司成立于1989年，至今已有35年的历史，在筛网行业积累了丰富的经验和深厚的底蕴。

二、规模设施

工厂占地 58730 平米，设有钢丝处理车间、编织网车间、聚氨酯筛网车间、自清洁筛网车间、烧烤网车间等 5 个大型车间，拥有各类设备 260 多台，具备大规模生产和多样化产品制造的能力。

三、技术研发

拥有自己的研发和技术团队，建有4000平米新型耐磨材料工程技术研发中心。先后获得 18 项产品新型专利，并且与中国矿业大学联手设立研究生实习基地，不断探索筛网材料技术改革，在技术创新和产品研发方面具有较强实力。

四、行业地位

中国矿用防堵自清洁筛网标准、中国沥青搅拌设备用金属丝筛网标准，两项筛网标准的参与起草单位，在行业内具有较高的话语权和影响力。

五、认证与合作

通过 ISO9001 质量管理体系认证、职业健康安全管理体系认证、环境管理体系认证，产品质量可靠。产品远销美国、加拿大、澳大利亚、德国、英国、南非等70多个国家，与众多大型企业一直保持良好合作，在国际市场上也备受认可。

六、海外拓展

2016年在澳大利亚墨尔本设立海外仓库，2022年收购德国企业Karcher Siebtechnik，积极拓展海外市场和业务，提升了公司的国际竞争力。



Red Star Wire Mesh Manufacturing Co., Ltd. is an enterprise with outstanding achievements and extensive influence in the field of mine screen mesh manufacturing.

I. Development History

Established in 1989, the company has a history of 35 years and has accumulated rich experience and profound heritage in the screen mesh industry.

II. Scale and Facilities

The factory covers an area of 58,730 square meters and is equipped with five large workshops, including a steel wire processing workshop, a woven mesh workshop, a polyurethane screen mesh workshop, a self-cleaning screen mesh workshop, and a barbecue net workshop. It owns more than 260 sets of various types of equipment, possessing the ability for large-scale production and diversified product manufacturing.

III. Technology R & D

It has its own R & D and technical team and has built a 4,000-square-meter new wear-resistant material engineering technology research and development center. It has obtained 18 new product patents successively. Moreover, it has jointly established a graduate internship base with China University of Mining and Technology, continuously exploring screen mesh material technology reform and having strong strength in technological innovation and product research and development.

IV. Industry Status

China Mine Anti-blocking Self-cleaning Screen Standard and China Asphalt Mixing Equipment Wire Screen Standard, the drafting units of the two screen standards, have a high voice and influence in the industry.

V. Certification and Cooperation

It has passed ISO9001 quality management system certification, occupational health and safety management system certification, and environmental management system certification. The product quality is reliable. The products are exported to more than 70 countries such as the United States, Canada, Australia, Germany, the United Kingdom, and South Africa. It has always maintained good cooperation with many large enterprises and is highly recognized in the international market.

VI. Overseas Expansion

In 2016, it established an overseas warehouse in Melbourne, Australia. In 2022, it acquired the century-old German enterprise Karcher Siebtechnik. It actively expands overseas markets and businesses, enhancing the company's international competitiveness.





企业历程

ENTERPRISE HISTORY

1989年
安平县红星丝网厂成立
Red Star Wire Mesh Mfg Co., Ltd was registered and established;

2000年
ISO9001质量管理体系正式推行
ISO9000 quality management system was officially put into operation.

2005年
与加拿大MAJOR成为战略合作伙伴
Become a strategic partner with MAJOR from Canada

2011年
获得欧盟CE认证
销售额突破亿元
Obtaining EU CE certification
Sales revenue exceeded 100 million yuan

2012年
聚氨酯生产车间成立
Polyurethane production workshop was established

2015年
与中国矿业大学合作成立研究生实习基地
PU production workshop and China University of Mining and Technology jointly established a graduate internship base.

2016年
澳大利亚墨尔本设立第一个海外仓
The first overseas warehouse in Melbourne, Australia was established

2019年
成立新型耐磨材料工程技术研发中心
The 4000 m² new wear-resistant material engineering technology research and development center was established

2022年
收购德国筛网企业Karcher Siebtechnik
Acquired Karcher Siebtechnik from Germany.

2024年
制订中国砂石协会团体标准《矿用防堵自清洁筛网》
Developed China Sand and Gravel Association's "Self-cleaning Mining Screen Mesh" standard.



内贸销售团队 Domestic Sales Team



外贸销售团队 International Sales Team



德国分公司 Germany Branch Office

我们的团队 OUR TEAMS

RED STAR RED STAR WIRE SCREENS WIRE SCREENS CHINA



专业财务团队 Finance Team



研发团队 R&D TEAM



现场工程师团队 On-site Service Engineer Team



聚氨酯车间
Polyurethane Workshop

金属网车间
Woven Mesh Workshop



烧烤网车间
BBQ Mesh Workshop



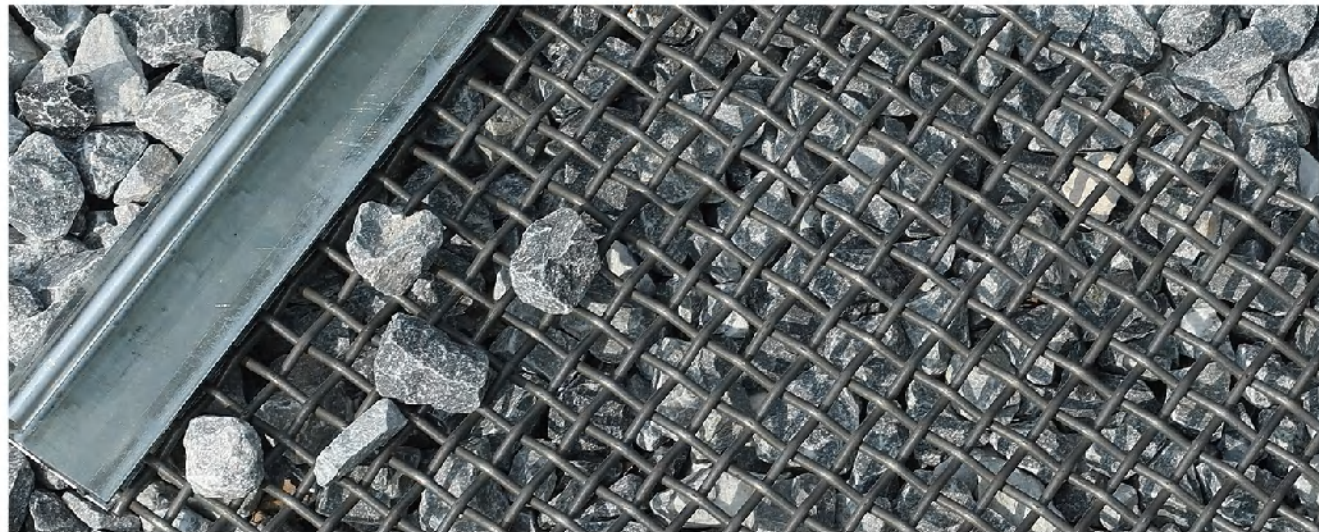
RED STAR
RED STAR WIRE SCREENS
WIRE SCREENS
CHINA



金属编织筛网系列
METAL WOVEN WIRE SCREENS

平织方孔编织网

SQUARE OPENING WOVEN WIRE SCREEN



SCREEN

筛网特点

CHARACTERISTICS

- ▶ 筛孔透筛面积大、筛分精度高，使用最多。
- ▶ 提供各种丝孔搭配规格尺寸。
- ▶ 筛孔范围：1mm~150mm
- ▶ 丝径最粗25mm

· This is the most common screening surface. The square mesh is used for screening and also for producing a regularly shaped spherical or cubical material.

· Greater open area than rubber and polyurethane screens.

· Opening sizes: 1mm~150mm

· Max wire diameter: 25mm

平顶方孔编织网

FLAT-TOP WOVEN WIRE SCREEN



SCREEN

筛网特点

CHARACTERISTICS

- ▶ 结构牢固，可承受更大的重量。
- ▶ 耐磨寿命延长，钢丝均匀受到磨损，编织交叉节点不会受到冲击。
- ▶ 筛孔范围：1mm~150mm
- ▶ 丝径最粗25mm

· Flat top screen mesh is characterised by a smooth flat screening surface with less frictional wear, which is designed to reduce the abrasion of materials placed on the screens.

· With its stable & heavy structure and special flat top surface, this flat top weaving screens has a longer wear life than other common screens.

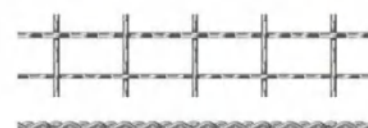
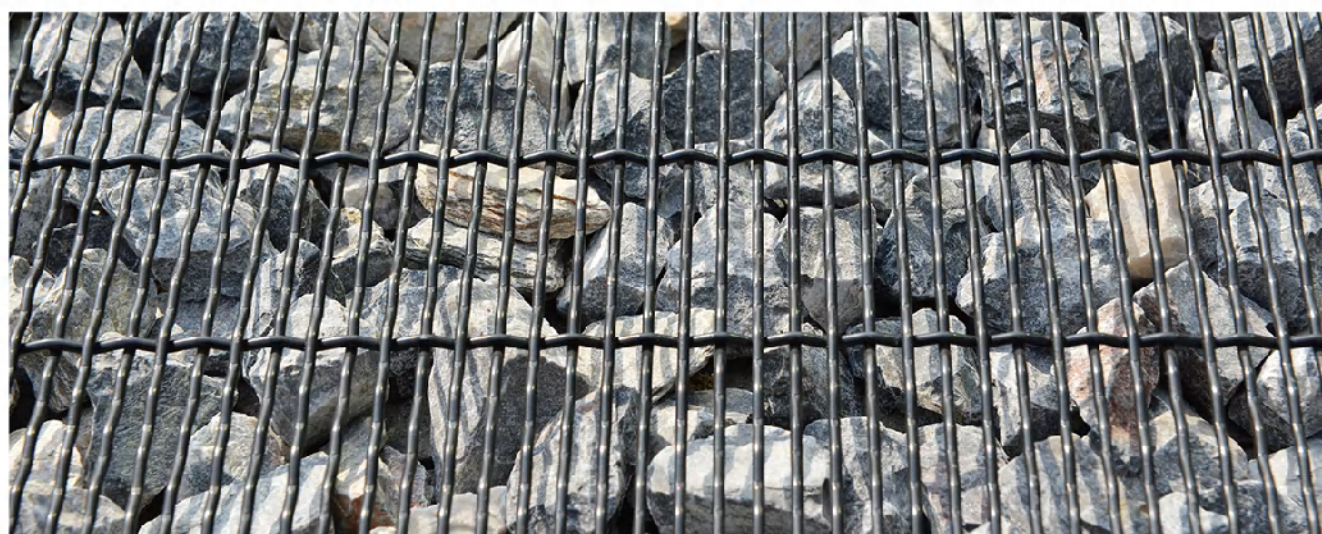
· Opening sizes: 1mm~150mm

· Max wire diameter: 25mm



隔波长孔编织网

ELONGATED/SLOTTED OPENING WOVEN WIRE SCREEN



SCREEN

筛网特点

CHARACTERISTICS

- ▶ 在满足筛分工艺要求的前提下，对网孔进行变形，以增加透筛效果。
- ▶ 筛分时石料中的片状料易筛出来，适合应用在堵孔不严重、石料中基本没片状的物料筛分。
- ▶ 筛孔范围：0.7×2.1mm~28×120mm
- ▶ 丝径范围：0.4mm~8mm

- Removes fines
- Provides more open area than square openings.
- Use with round or cubical-shaped material or when precise passing is not required.
- Opening sizes: 0.7×2.1mm~28×120mm
- Wire diameter: 0.4mm~8mm

琴弦编织网

PIANO WIRE SCREEN



SCREEN

筛网特点

CHARACTERISTICS

- ▶ 高开孔率、筛分效率高。
- ▶ 适合入筛粒形圆形或不规则型，或者要求精度不高的物料筛分。
- ▶ 筛孔范围：0.5×2mm~30×150mm
- ▶ 丝径范围：0.5mm~8mm

- Produces vibration to reduce blinding.
- Tumbling effect for better fine removal.
- Slows material down to provide more time for material to pass over the openings.
- Opening sizes: 0.5×2mm~30×150mm
- Wire diameter: 0.5mm~8mm



筛网张紧钩型

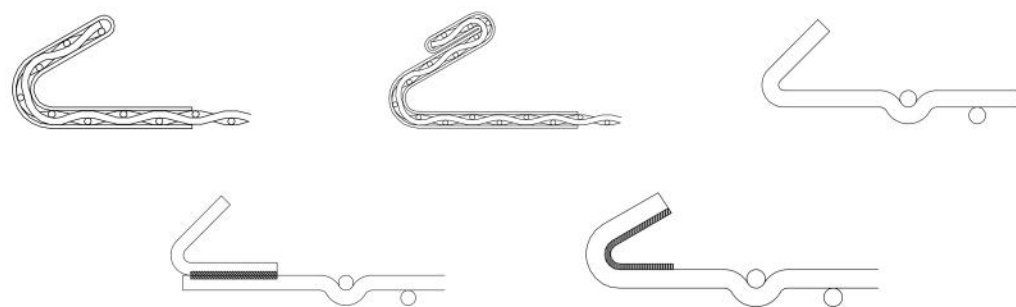
筛网材质和规格

HOOK TYPE

MATERIAL AND SPECIFICATION

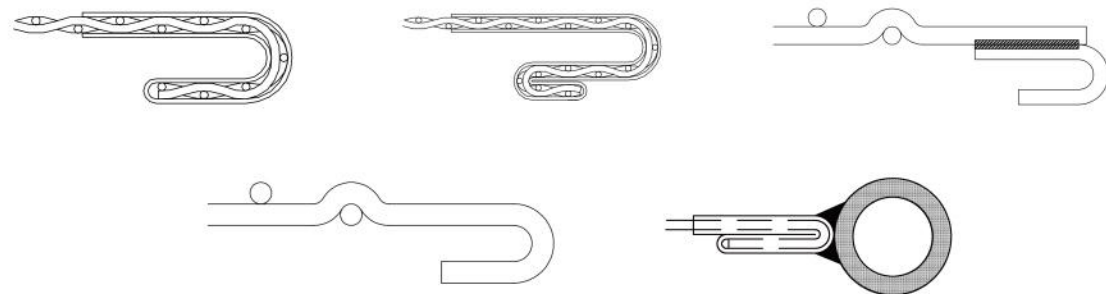
左右张紧/横向张紧

SIDE TENSIONED



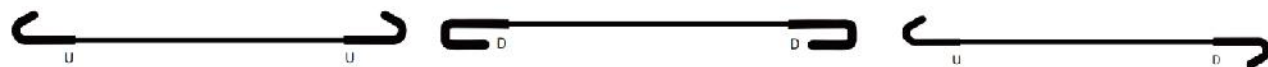
前后张紧/纵向张紧

END TENSIONED



张紧钩方向

HOOK DIRECTION



张紧钩“U”代表朝上，“D”代表朝下
Tension hook "U" for up, "D" for down

金属丝编织筛网，广泛应用于采矿、砂石骨料、建筑垃圾回收等行业。

锰钢材质：抗冲击、耐磨性能更好；

不锈钢材质：耐腐蚀、耐高温性能更好；

Metal woven wire mesh is widely used in industries such as mining, sand and gravel aggregates, and construction waste recycling.

Manganese steel material: better impact resistance and wear resistance;

Stainless steel material: better corrosion resistance and high temperature resistance;

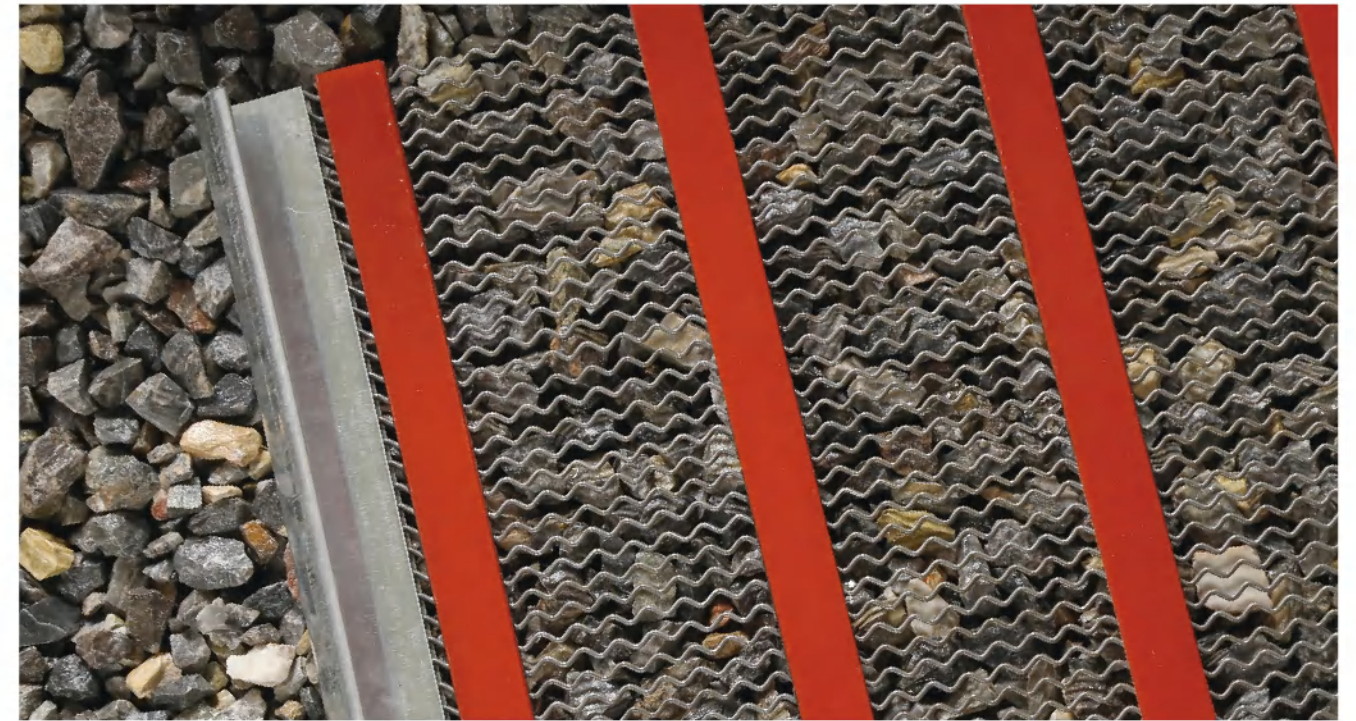
Aperture Square Weave	Light duty Wire Dia kg/㎡ OA%			Medium Wire Dia kg/㎡ OA%			Heavy Duty Wire Dia kg/㎡ OA%		
2.00							1.37	7.1	35
3.15				2.00	9.9	37	2.50	14.1	31
4.0	2.00	8.50	44	2.50	12.2	38	3.05	16.8	32
5.0	2.00	7.80	51	2.50	16.6	44	3.05	14.7	38
5.6	2.50	9.80	48	3.05	13.7	41	4.00	21.2	34
6.35	2.50	8.89	51	3.05	12.6	46	4.00	19.6	38
6.8	2.50	9.00	51	3.05	10.0	44	4.00	19.7	37
7.1	2.50	8.80	55	3.05	11.9	48	4.00	18.3	41
8	2.50	10.80	54	4.00	16.9	44	5.00	24.4	38
9	3.05	9.80	55	4.00	15.6	48	5.00	22.7	44
10	3.05	9.10	58	4.00	14.5	51	5.00	21.2	44
11.2	3.05	10.40	54	5.00	19.6	48	5.60	28.6	44
12.5	4.00	12.30	57	5.00	18.1	51	5.60	20.0	47
14	4.00	16.70	54	5.00	20.0	51	6.80	24.6	48
16	5.00	15.10	58	5.60	19.5	56	6.80	22.6	51
18	5.00	14.50	58	6.80	20.7	55	7.10	25.0	51
20	5.60	14.00	61	6.80	19.2	58	7.10	24.0	54
22	5.60	17.60	61	7.10	21.5	57	8.00	26.7	54
25	6.80	16.10	64	7.10	20.1	60	8.00	24.6	57
28	7.00	14.70	63	8.00	19.0	61	9.00	27.8	57
32	8.00	20.60	64	9.00	26.0	60	10.00	30.4	58
38	8.00	18.70	67	9.00	28.1	64	10.00	27.9	61
40	9.00	21.00	67	10.00	25.4	64	11.20	31.1	61
45	9.00	19.50	69	10.00	23.4	67	11.20	28.4	64
50	10.00	23.20	69	11.20	26.0	67	12.50	31.8	64
56	10.00	19.20	72	11.20	28.7	69	12.50	29.0	67
63	10.00	17.40	75	11.20	24.5	72	12.50	25.1	70
76.2	10.00	14.80	78	11.20	16.0	75	12.50	20.0	73
80	10.00	16.00	79	11.20	17.5	72	12.50	21.5	75
90	10.00	14.00	81	11.20	15.7	79	12.70	19.4	77
100	10.00	10.00	82	11.20	14.3	81	12.70	17.6	79



自清洁防堵筛网系列 SELF-CLEANING SCREENS

自清洁筛网-聚氨酯压条波纹孔

SELF-CLEANING SCREEN - WAVY HOLE WITH PU STRIPS



筛网特点

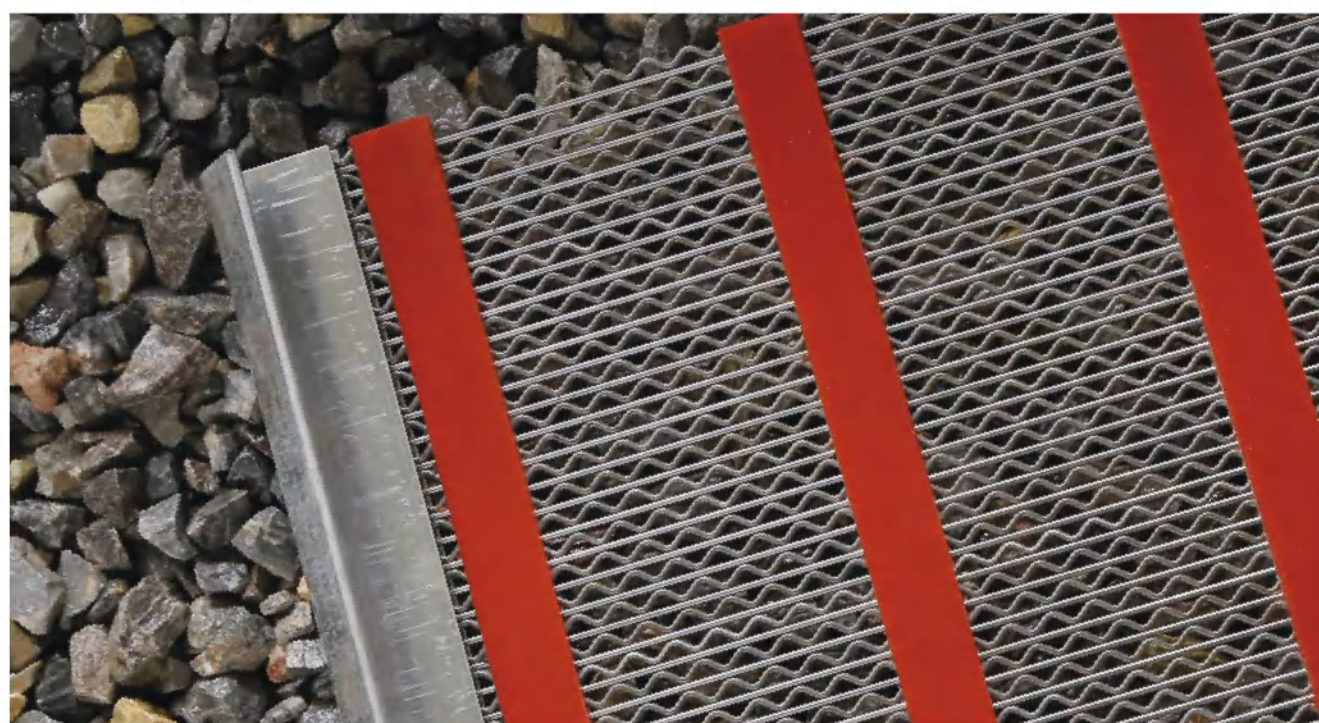
CHARACTERISTICS

- ▶ 特别适用于片状、长条状及潮湿性物料的筛分，防堵孔效果好。
- ▶ 有助于物料流动，使得粗细物料能够更好地分层，提高筛分的精度和效率。
- ▶ 相比于传统的平面筛网，其筛分面积更大，开孔率更高，物料通过性更好。
- ▶ 能够承受更大的物料冲击力和振动负荷，延长了筛网的使用寿命。
- ▶ 减少筛网在振动过程中产生的噪音。

- Suitable for screening flaky, long and moist materials with good anti-clogging effect.
- Helps the material flow, makes the coarse and fine materials can be better layered, improves the screening precision and efficiency.
- Compared with the traditional flat screen, its screening area is larger, the opening ratio is higher, and the material passes through better.
- Can withstand greater material impact and vibration load, prolonging the service life of the screen.
- Reduce the noise generated by the screen in the process of vibration.

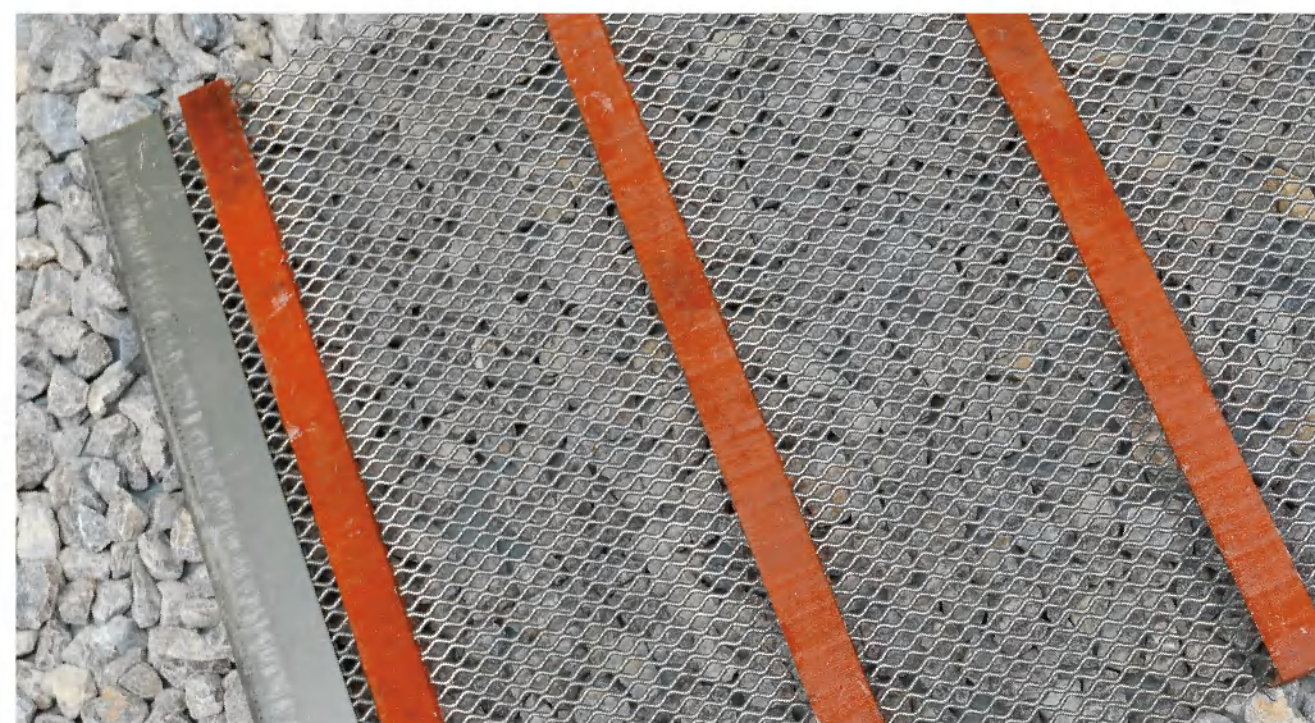
自清洁筛网-聚氨酯压条三角孔

SELF-CLEANING SCREEN - TRIANGULAR HOLE WITH PU STRIPS



自清洁筛网-聚氨酯压条菱形孔

SELF-CLEANING SCREEN - DIAMOND HOLE WITH PU STRIPS



筛网特点

CHARACTERISTICS

- ▶ 能对不同粒度的物料进行准确分级和筛选，提高筛分精度。
- ▶ 三角孔的边缘较为尖锐，物料不易在孔内堆积和堵塞。
- ▶ 聚氨酯压条与筛网之间的贴合紧密，防止细小的物料从筛网边缘泄漏。
- ▶ 使其能够承受更大的物料冲击力和振动负荷，延长了筛网的使用寿命。
- ▶ 长期使用过程中，能够保持筛网的形状和性能，减少了更换和维护频率。

- It can classify and screen materials with different particle sizes and improve the screening accuracy.
- The edges of the triangular holes are relatively sharp, so the materials cannot easily accumulate and clog in the holes.
- The tight fit between the polyurethane pressure bar and the screen prevents the fine materials from escaping from the edge of the screen.
- It can withstand greater material impact and vibration load, prolonging the service life of the screens.
- During long-term use, it can maintain the shape and performance of the screen mesh, reducing the frequency of replacement and maintenance.



筛网特点

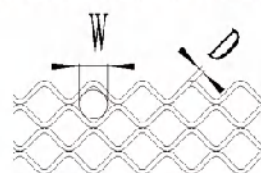
CHARACTERISTICS

- ▶ 对不同形状、大小的物料有较好的适应性，能够准确地将符合孔径尺寸的物料筛选出来。
- ▶ 使物料能够更快速地通过筛网，提高筛分效率。
- ▶ 物料不易在孔内堆积和堵塞。
- ▶ 减少物料在筛网上的残留，提高了筛网的自清洁效果。
- ▶ 保持筛网较好的形状和性能，不易磨损和损坏，减少了更换和维护的频率。

- It has good adaptability to materials of different shapes and sizes and can accurately screen out materials that fit the opening size.
- It allows the materials to pass through the screen mesh faster and improves the screening efficiency.
- The materials do not easily accumulate and block in the holes.
- Reduce material buildup on the screen mesh and improve the self-cleaning effect of the screen mesh.
- Keep the screen mesh in better shape and performance, not easy to wear and damage, reducing the frequency of replacement and maintenance.

自清洁筛网-菱形孔

SELF-CLEANING SCREEN - DIAMOND HOLE



SCREEN

筛网特点

CHARACTERISTICS

- ▶ 替代传统的方孔编织筛网。
- ▶ 筛丝的振动效果加快了物料在各层上的通过速度（减少了筛面上的物料），并使物料产生“微跳”，直接撞击钢丝，而不是在钢丝上滑动和切削。
- ▶ 适合含水量较大、有一定粘性，对粒形要求较高的物料筛分；如高速公路沥青路面中的石料筛分。
- ▶ 筛孔范围：1.5mm~120mm
- ▶ 丝径范围：0.9mm~12.7mm

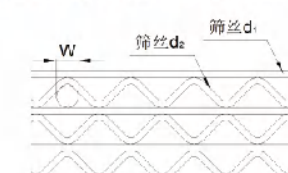
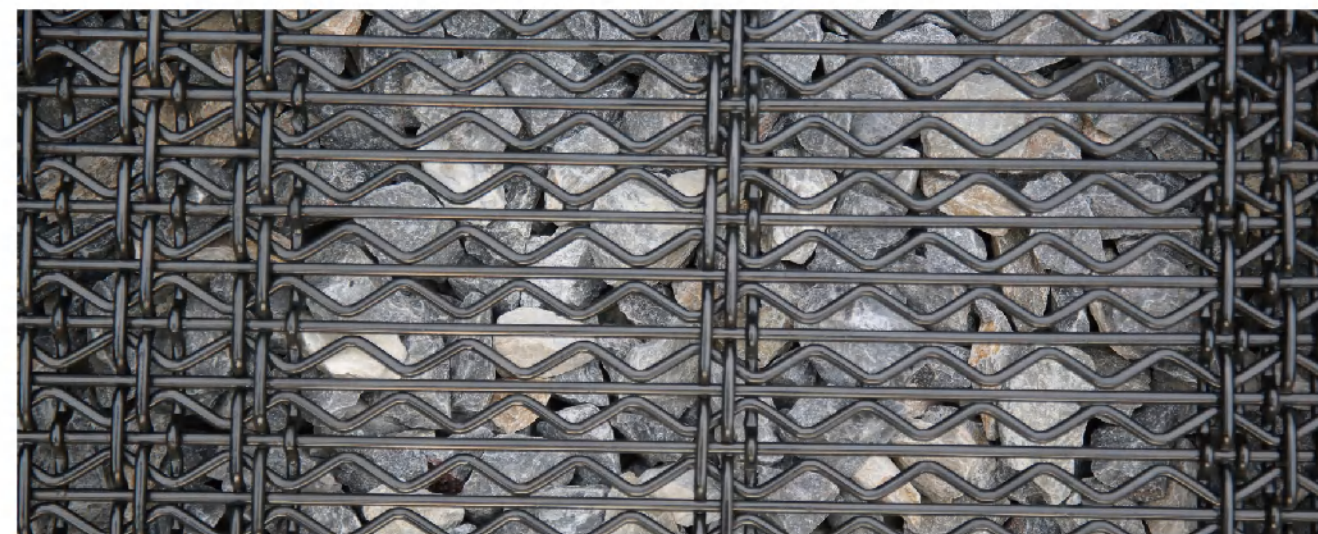
·In order to efficiently manage fouling issues, self cleaning screens are built with corrugated wires aligned at the screening surface level, resembling diamond-shaped openings. Compared with standard screens, they offer a higher screening capacity and guarantee exact measurement of different particle sizes. Wire bands are another option for aggregate screens to increase their performance and longevity.

·Opening sizes: 1.5mm~120mm

·Wire diameter: 0.9mm~12.7mm

自清洁筛网-三角孔

SELF-CLEANING SCREEN - TRIANGULAR HOLE



SCREEN

筛网特点

CHARACTERISTICS

- ▶ 避免因物料卡孔导致的网孔变大，筛分不标准。可以确保精确筛分，相对于菱形防堵筛网，承重能力更好，筛孔不易变形。
- ▶ 小颗粒物料最佳的筛网类型，减少堵孔现象。
- ▶ 筛孔范围：0.5mm~50.8mm
- ▶ 筛丝范围：0.6mm~8mm

·This type of screen mesh is produced with straightly and crimped wires fixed on the working surface alternantly.

·This structure gives it higher impact resistance while maintaining accurate sizing under heavier load conditions.

·The best screen type for small particle materials, reducing the phenomenon of plugging.

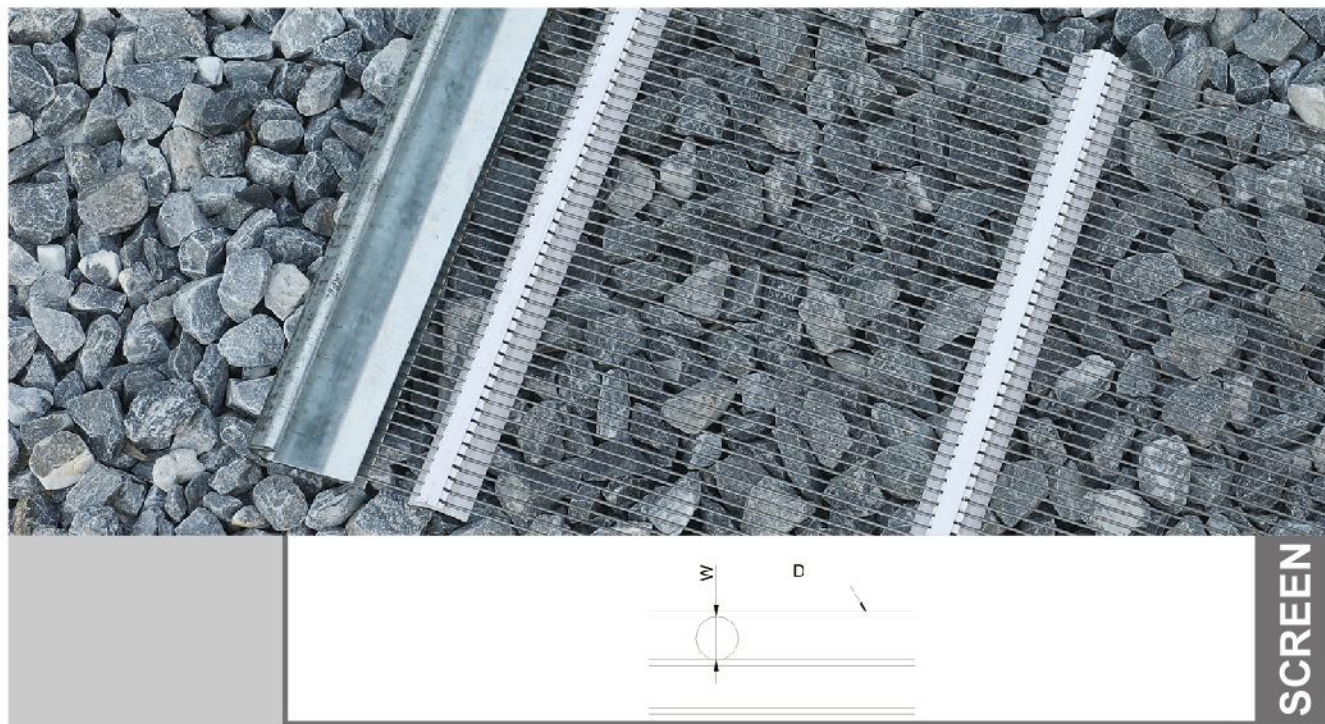
·Opening sizes: 0.5mm~50.8mm

·Wire diameter: 0.6mm~8mm



自清洁筛网-琴弦网

SELF-CLEANING SCREEN - HARP SCREEN OR PIANO WIRE



筛网特点

CHARACTERISTICS

- ▶ 最大的透筛面积，适用于筛除细小物料。
- ▶ 除土环节筛分效果最好。
- ▶ 只要求透筛能力时，建议采用此种筛网。
- ▶ 筛孔范围：0.8mm~50.8mm
- ▶ 筛丝最细：0.6mm~0.8mm

- It has straight parallel wires, having the largest screening area with low precision. It is mainly used in end tension mobile screens to classify sands, gravel, and other dry materials.
- Maximum open area. Reduce fines for desanding and removing fines.
- Lasts longer than traditional harp/piano wire, while keeping material in spec.
- Ideal for compost and topsoil.
- Opening sizes: 0.8mm~50.8mm
- Wire diameter: 0.6mm~0.8mm



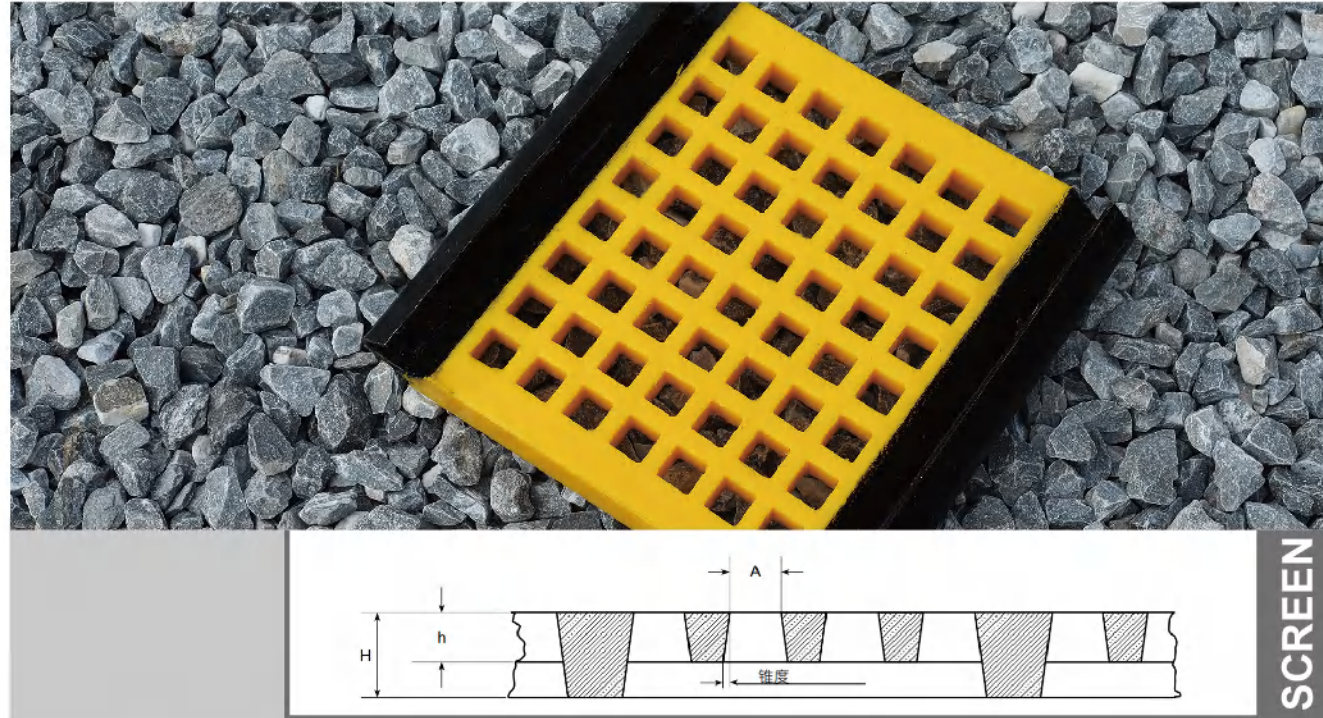
紅星篩網 / 产品介绍 / 自清洁防堵筛网

聚氨酯筛网系列 POLYURETHANE SCREENS



聚氨酯张力筛

POLYURETHANE TENSION SCREEN



筛网特点

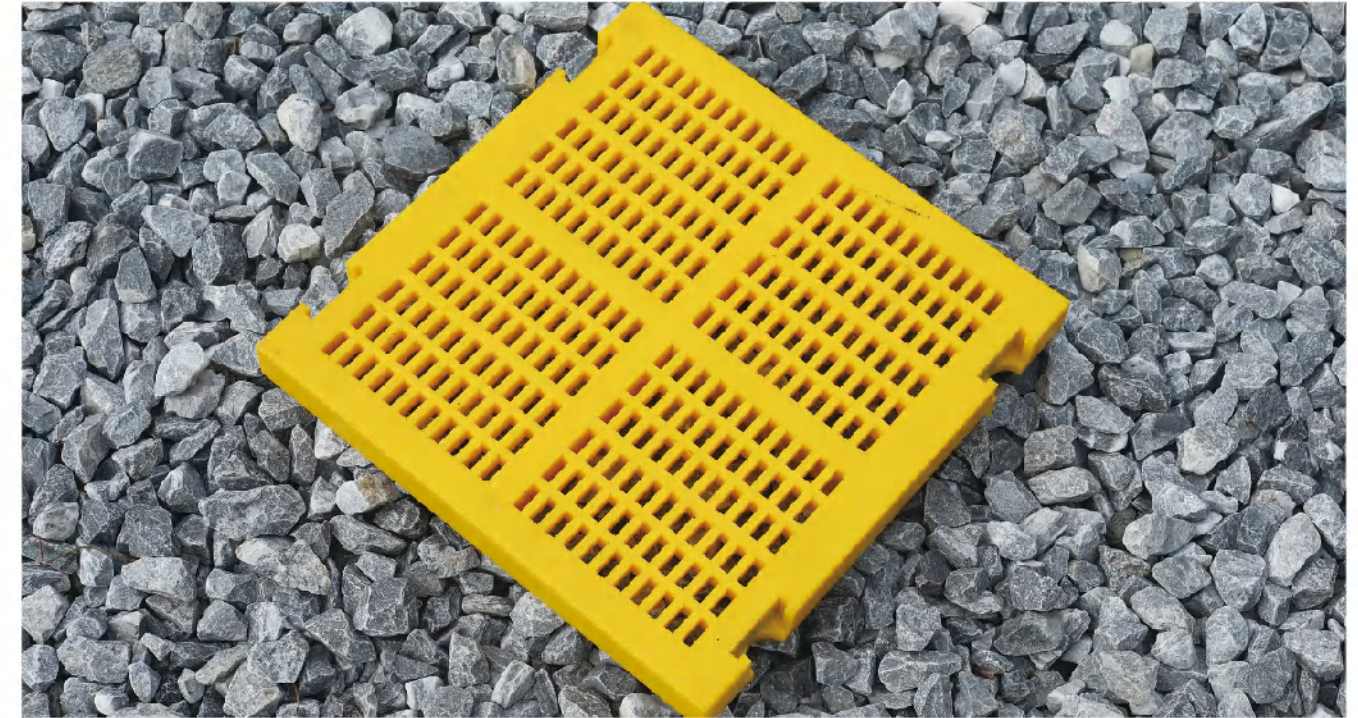
CHARACTERISTICS

- ▶ 筛孔范围：1.5~200mm 筛面厚度：8~60mm 硬度范围：65~90A
- ▶ 可做两种硬度，应对工况更灵活。
- ▶ 锥形开口助于解决卡孔。
- ▶ 张紧式安装不用更改安装结构。
- ▶ 聚氨酯组合物延长了磨损寿命，比钢丝网更好地抗冲击，减少了更换，提高了生产率。
- Opening Size: 1.5~200mm Thickness Range: 8~60mm Hardness Range: 65~90A
- Tension screens directly replace metallic meshes without having to modify or adapt the machine.
- They are built with metallic cable reinforcement to absorb the tension, increasing the polyurethane's resistance to strain and load.
- The screening surface is flexible in order to prevent the clogging. By this way the right balance among stiffness, elasticity and strength is obtained.
- The supporting structure, completely included in the polyurethane, has a loading capacity higher than the usual grids and is not subject to corrosion.



模块化聚氨酯筛板

POLYURETHANE MODULAR PANEL



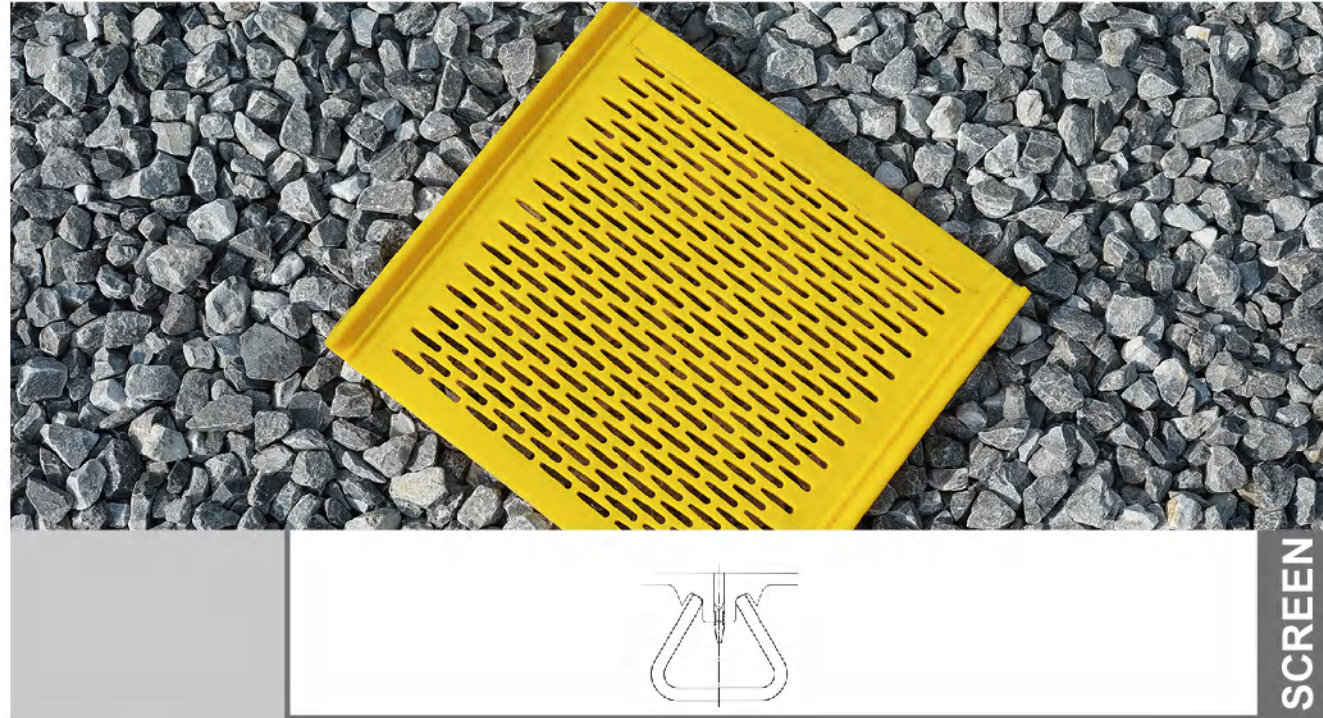
筛网特点

CHARACTERISTICS

- ▶ 筛孔范围：0.15~200mm 筛面厚度：25~80mm 硬度：65~90A
- ▶ 模块化筛板采用锥形网孔设计，以减少堵塞和增加透筛能力。
- ▶ 整个筛面由模块组成，以便于更换损坏的小范围区域，降低成本。
- ▶ 由我们的内部工程和模具设计小组与每个使用需求相匹配。
- ▶ 多种固定安装方式。
- Opening Size: 0.15~200mm Thickness Range: 25~80mm Hardness Range: 65~90A
- Modular screen panels feature tapered mesh design to reduce clogging and increase screening capacity.
- The entire screen surface is composed of modules to facilitate the replacement of damaged small areas and reduce costs.
- Each use requirement is matched by our in-house engineering and mold design team.
- A variety of fixed installation methods.

聚氨酯弛张筛

POLYURETHANE FLIP FLOW SCREEN



筛网特点

CHARACTERISTICS

- ▶ 使用硬度70~85A之间的聚氨酯制成，使用螺栓或模块安装。
- ▶ 筛孔范围：0.3~60mm 筛面厚度：2~10mm
- ▶ 适合含水或潮湿的物料，粒度较小的物料。
- ▶ 无堵塞，无粘结；筛板自动清洁。
- ▶ 筛分效率高；使用寿命长。
- Combining conventional circular vibration and traditional linear vibration flip flow screens are extremely efficient in difficult circumstances.
- The flip flow action minimises blinding and pegging when screening damp sticky materials.
- Opening Size: 0.3~60mm ·Thickness Range: 2~10mm ·Hardness Range: 70~85A
- Suitable for water-containing or moist materials
- Smaller particle size materials ·No blocking, no sticking
- Automatic self-cleaning ·High screening efficiency
- Long wear life



驼峰脱水筛板

HUMP-SHAPE STEREOSCOPIC SCREEN PANEL



筛网特点

CHARACTERISTICS

- ▶ 相比普通平面筛板，“驼峰”结构使筛分面积增加50%，提高了筛分和脱水处理能力。
- ▶ 这种筛板设计让物料分布更均匀，减少了堆积和堵塞。
- ▶ 开孔率提高，物料在筛面停留时间延长，脱水脱介效果显著提升。
- ▶ 易于安装和更换，耐磨耐湿性能好。
- ▶ 筛孔范围：0.15~3mm 筛面尺寸：305x610、610x610，可定制尺寸
- The "hump" structure increases the screening area by 50% compared to standard flat screen panels, increasing screening and dewatering capacity.
- The design of the screen panels allows for a more uniform distribution of material, reducing buildup and clogging.
- The increased opening rate increases the residence time of the material on the screen surface, significantly improving dewatering and demediation.
- Easy to install and replace, good wear and moisture resistance.
- Opening range: 0.15-3mm Screen size: 305x610, 610x610, custom sizes available.

聚氨酯精细筛

POLYURETHANE FINE MESH



筛网特点

CHARACTERISTICS

- ▶ 开孔率：31%—42%。
- ▶ 筛网整体采用一次成型，纤维增强，提高筛网的抗张强度及使用寿命。
- ▶ 筛孔采用锥孔设计，利于物料通过不易堵孔。
- ▶ 金属、非金属的精细物料筛分、分级、脱介。

·Opening rate: 31%—42%

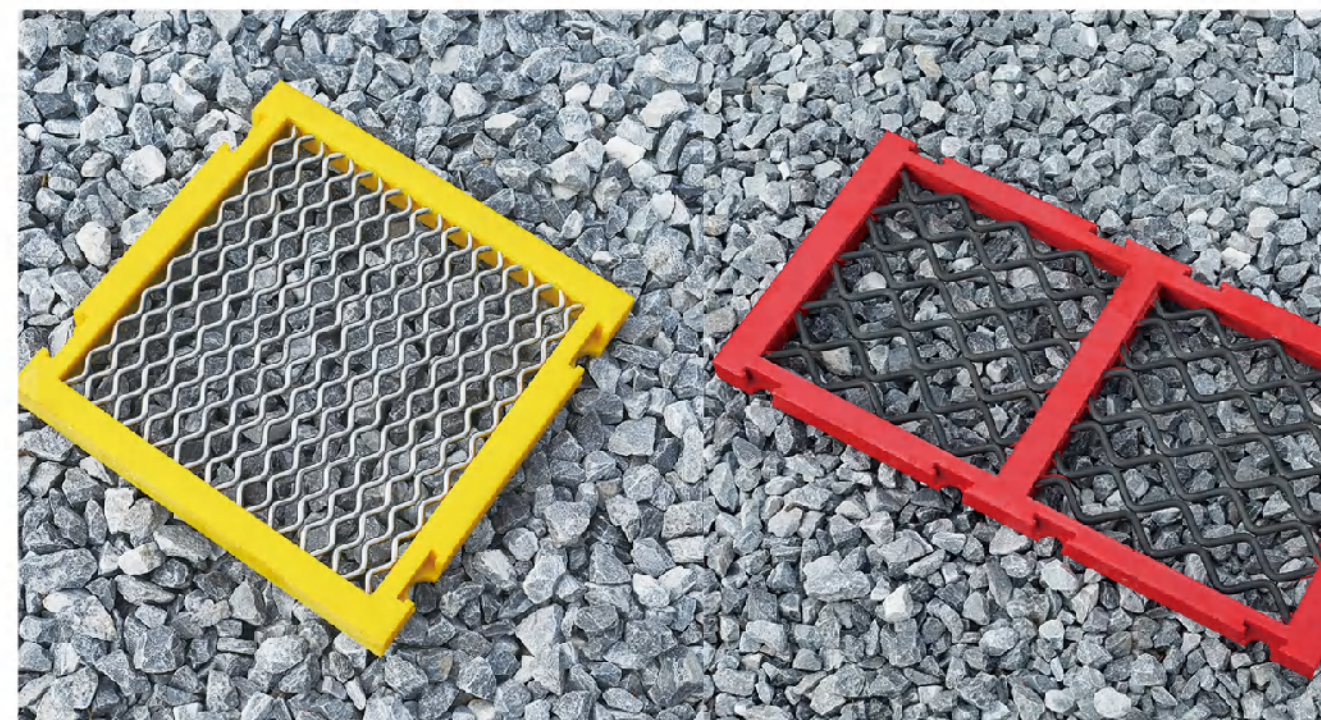
·The fine screen sieve is manufactured as a whole with one-time forming processing, reinforced with fiber, the tensile strength and useful life are improved, as a result, the craze is avoided.

·The screen slot is designed with taper shape, which is not easy to block, at the same time, the materials are easy to get through.

·Screening, grading and de-intermediation of metal and non-metal fine materials.

聚氨酯边框筛板

MODULAR HYBRID SCREENING PANEL WITH PU FRAME



筛网特点

CHARACTERISTICS

- ▶ 筛面：冲孔板、条缝筛、编织网、防堵网、棒条筛
- ▶ 边框硬度：80~90A
- ▶ 包边筛板可用诸如编织、防堵、冲孔等各种筛网类型，其中任何一个都可以组合在同一层筛面上，以满足您的筛选需要。

·Working Surface: Perforated metal plate, Wedge screens, Woven wire mesh, Self-cleaning screens, Elastic screen

·Hardness of the frame: 80~90A

·A variety of screen types such as braided, blocked, punched, etc. are available, any of which can be combined on the same screen surface to meet your screening needs.



热熔棒条筛

ELASTIC SCREEN



筛网特点

CHARACTERISTICS

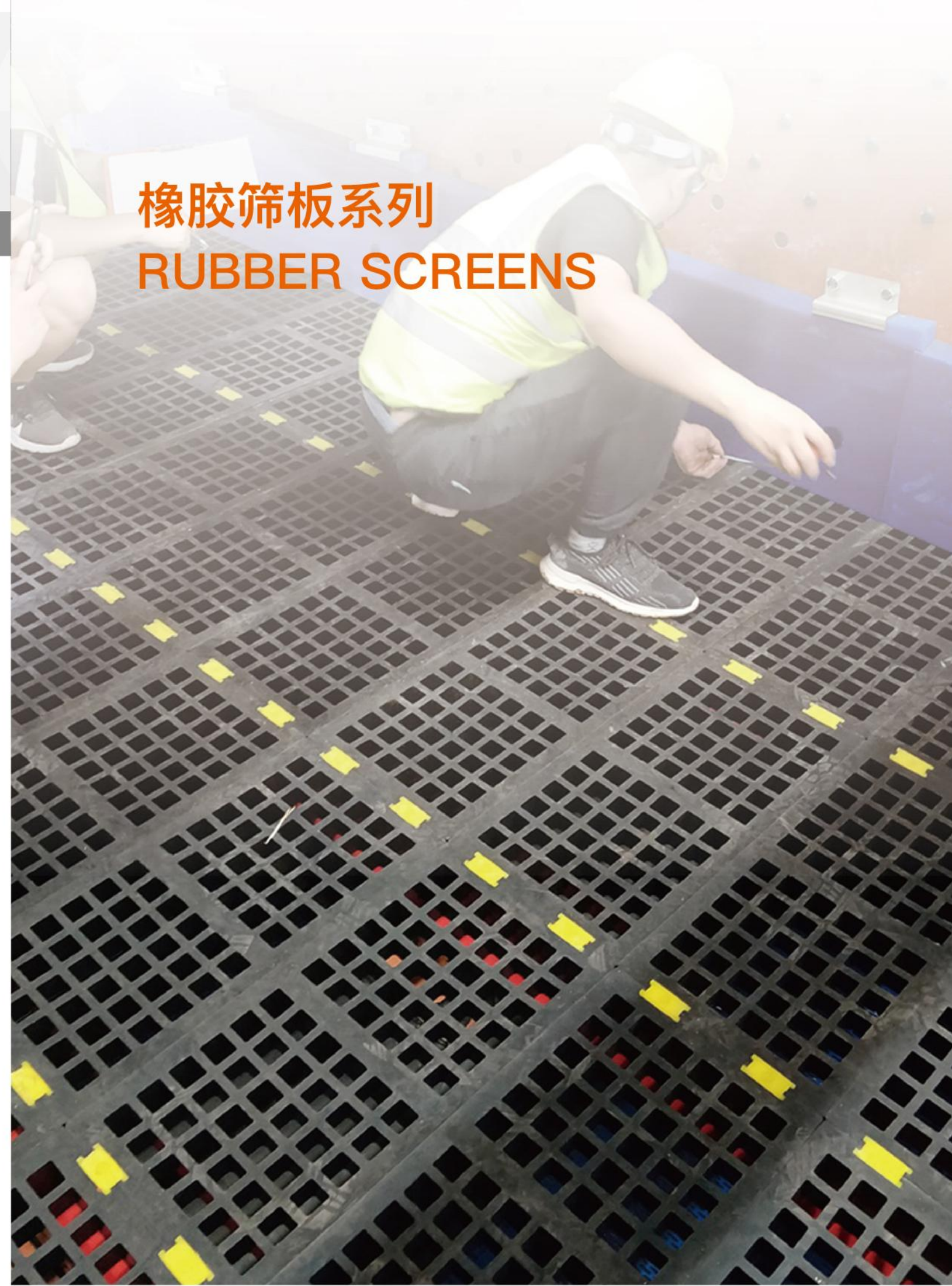
- ▶ 网孔范围：0.7~60mm 丝径范围：1.5~14mm 最大尺寸：2.8*5米
- ▶ 筛网纵横筛条均由高耐磨聚氨酯材料制成，筛条内含钢丝；使用寿命较传统金属筛网高3~10倍。
- ▶ 筛网能有效吸收冲击，减少噪音，改善工作环境。
- ▶ 应用在二筛、成品筛等入筛粒径有控制的筛分环境。

- Opening range: 0.7~60mm Wire Diameter: 1.5~14mm Maximum size: 2.8*5m
- The vertical and horizontal screen bars are made of highly wear-resistant polyurethane material, and the screen bars contain steel wire. The service life is 3-10 times longer than that of traditional metal screens.
- The advantages of light weight, low noise and convenient installation.
- It is used in screening environments such as secondary screening and finished product screening where the feeding particle size is controlled.



紅星篩網 / 产品介绍 / 聚氨酯筛网

橡胶筛板系列 RUBBER SCREENS



模块化橡胶筛板

MODULAR RUBBER SCREEN PANEL



筛网特点

CHARACTERISTICS

- ▶ 可使用不同的骨架材料，延长使用寿命。
- ▶ 重量轻，便于安装，孔型多样。
- ▶ 弹性好，增加物料回跳能力，避免矿垢，提高筛分效率。
- ▶ 孔形多样；安装方式：卡轨、轨座、胀栓、螺栓。
- ▶ 常规标准尺寸：305 × 610mm 305 × 305mm。
- The rubber screen panels can be produced with various skeleton materials in the molding process, extending the using life.
- Light weight, easy for loading and unloading on-site.
- Good elasticity can increase the jumping frequency of materials, improve separation efficiency.
- Different hole shapes can be designed according to the shape of materials.
- There are tension type and clip rail type for installation, high firmness, convenient installation and easy disassembly and replacement.
- Regular size: 305 × 610mm, 305 × 305mm

橡胶张力筛

RUBBER TENSION SCREEN



筛网特点

CHARACTERISTICS

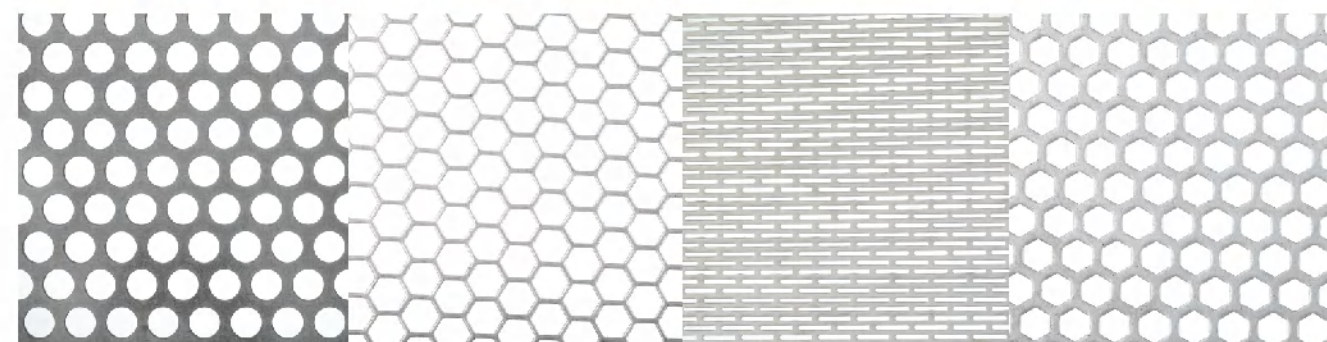
- ▶ 重量轻，降低能耗；
- ▶ 回弹力好，增加物料回跳力，提高分筛效率；
- ▶ 发生网孔卡矿几率极小。
- ▶ 抗冲击能力优秀，可用于入料端大颗粒筛分
- ▶ 可以直接替换拉紧式筛网，不用更改结构。
- High impact resistance.
- Fine wear resistance and long service life.
- Easy installation and quick maintenance.
- Low noise.
- High screening efficiency and low percentage of plugged hole.
- Fine vibration absorption performance.



冲孔板系列 PUNCH PLATE SCREENS

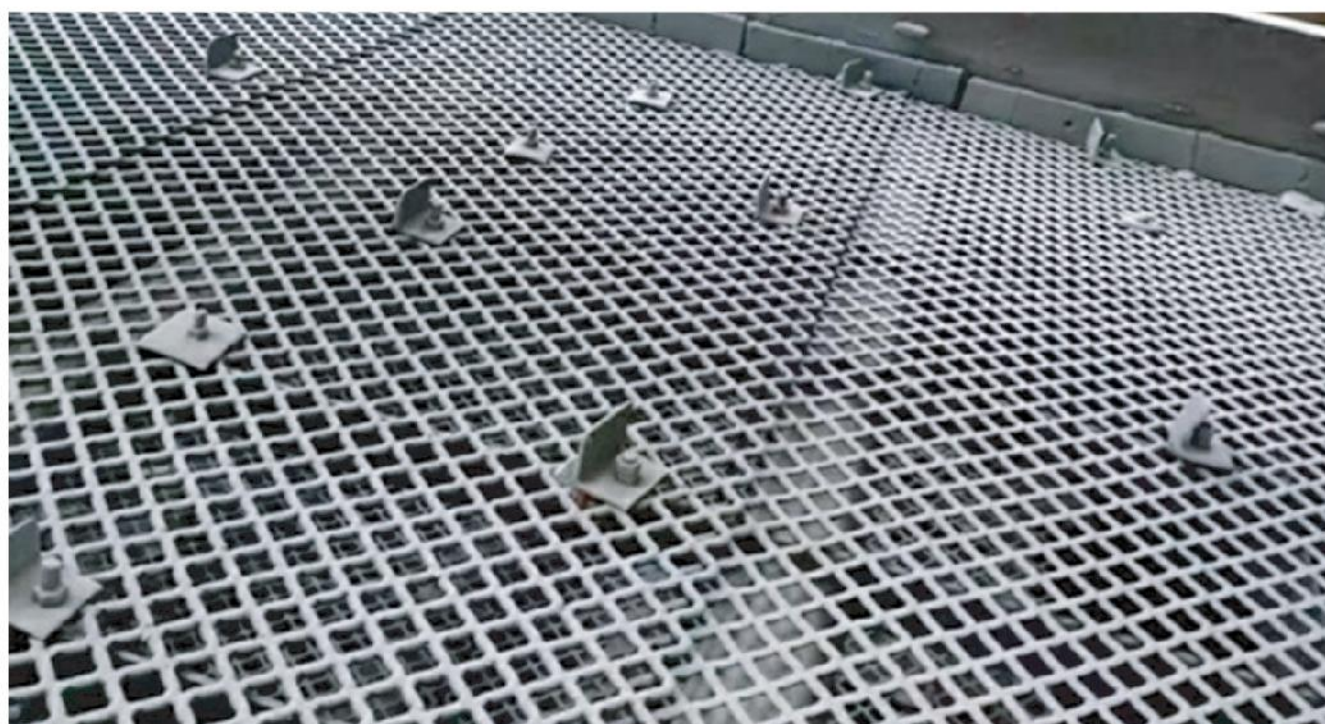
冲孔板

PUNCH PLATE SCREEN



菱形焊接筛网

WELDED MESH SCREEN



筛网特点

CHARACTERISTICS

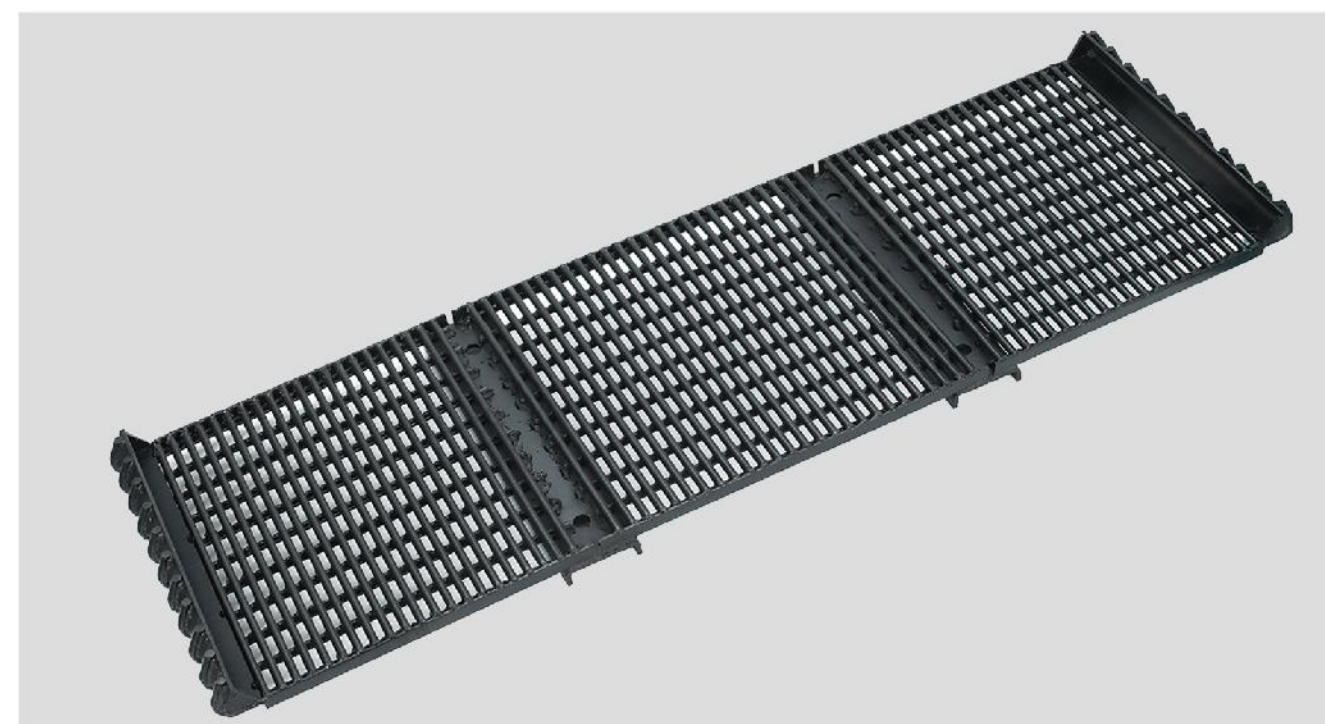
- ▶ 网孔：8~120mm；
- ▶ 网孔形状：菱形、圆形
- ▶ 筛网材质：30MnSi
- ▶ 丝径最粗：16mm
- ▶ 生产工艺：焊接
- ▶ 外形尺寸：1.3米×4米

Opening: 8~120mm;
Mesh Shape: Diamond、Circular
Material: 30MnSi

Maximum wire diameter: 16mm
Production process: Welding
Dimensions: 1.3m×4m

焊接棒条筛网

WELDED MESH SCREEN WITH ROUND WIRE



筛网特点

CHARACTERISTICS

- ▶ 网孔范围：5~120mm；
- ▶ 网孔形状：长孔
- ▶ 筛网材质：30MnSi
- ▶ 丝径最粗：16mm
- ▶ 生产工艺：焊接
- ▶ 外形尺寸：1.3米×4米

Opening: 5~120mm;
Mesh Shape: Slotted
Material: 30MnSi

Maximum wire diameter: 16mm
Production process: Welding
Dimensions: 1.3m×4m



条缝筛

WEDGE WIRE SCREENS

条缝筛系列 WEDGE WIRE SCREENS



Polyurethane Edge-Frame Wedge Wire Screen



Wedge Wire Filter Cartridge/Drum



Arch Wedge Wire Screens
Sieve Bend Screen



Centrifuge Basket

筛网特点

CHARACTERISTICS

- ▶ 网孔：最小0.05mm；
- ▶ 网孔形状：通长孔
- ▶ 生产工艺：焊接
- ▶ 材质：201、304、316、316L等不锈钢材质

Slot size: Minimum 0.05mm;

Mesh Shape: Slot

Production process: Welding

Material: Stainless steel materials such as 201, 304, 316, 316L, etc.

不锈钢复合筛网系列

STAINLESS STEEL SCREEN MESH



模块化振动筛网

STAINLESS STEEL PANEL WITH FRAME



筛网特点

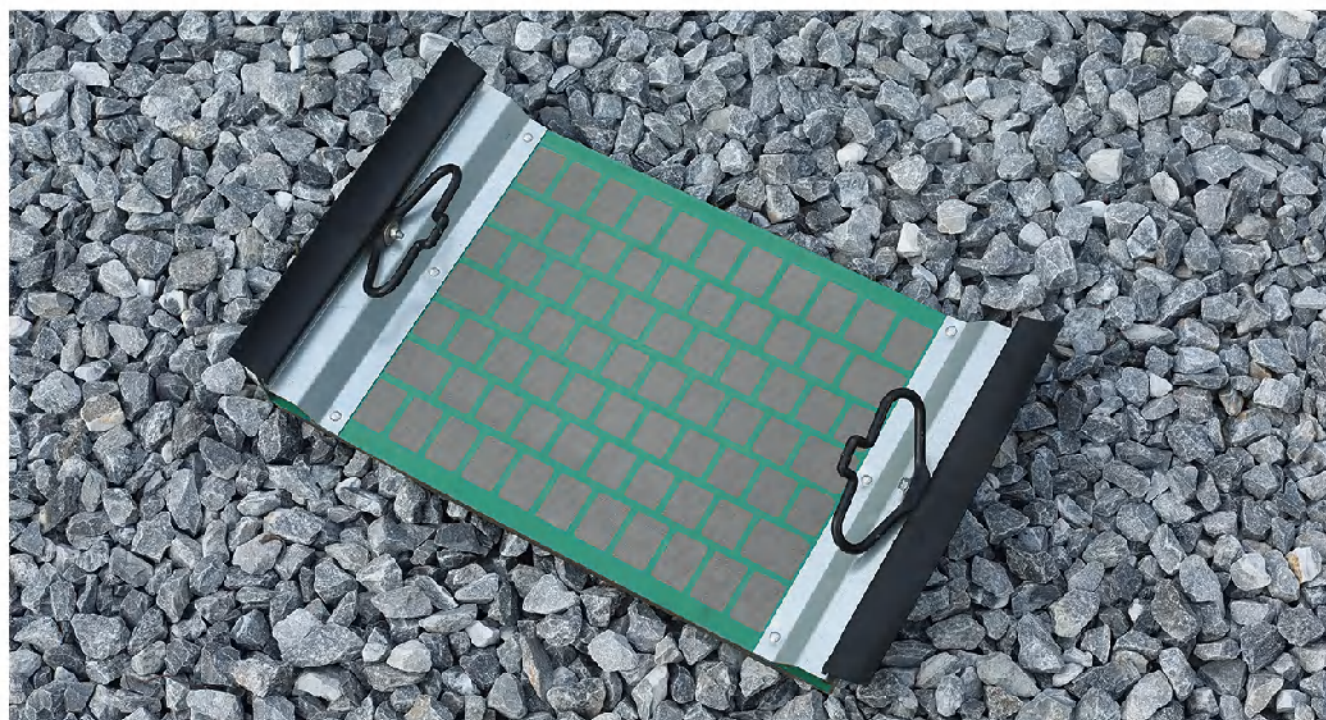
CHARACTERISTICS

- ▶ 由不锈钢网布紧密粘合在框架上。
- ▶ 各层筛网目数不同，准确合理搭配使筛分效果更为细致。
- ▶ 高强度框架，以及适度张紧的筛网，形成一个可靠的整体，大大增加了筛网的可承受流量。
- ▶ 楔块压紧装置使筛网的安装更为便捷，节省停机更换时间。
- ▶ 网面被分为多个独立的小网面，可防止局部破损引起过度扩展。
- ▶ 优质高强度注塑框架，具有很好的减振性能，延长筛网使用时间。

·The stainless steel mesh is tightly bonded to the frame.
·Each layer of the screen has different mesh sizes, and reasonable matching makes the screening effect more delicate.
·The high-strength frame and the moderately tensioned screen form a reliable whole, which greatly increases the screen's tolerable flow rate.
·The wedge clamping device makes the installation of the screen more convenient and saves downtime for replacement.
·The mesh surface is divided into multiple independent small mesh surfaces to prevent excessive expansion caused by local damage.
·High quality and high-strength injection molded frame with excellent vibration damping performance, prolonging the service life of the screen.

平板振动筛网

STAINLESS STEEL COMPOSITE MESH



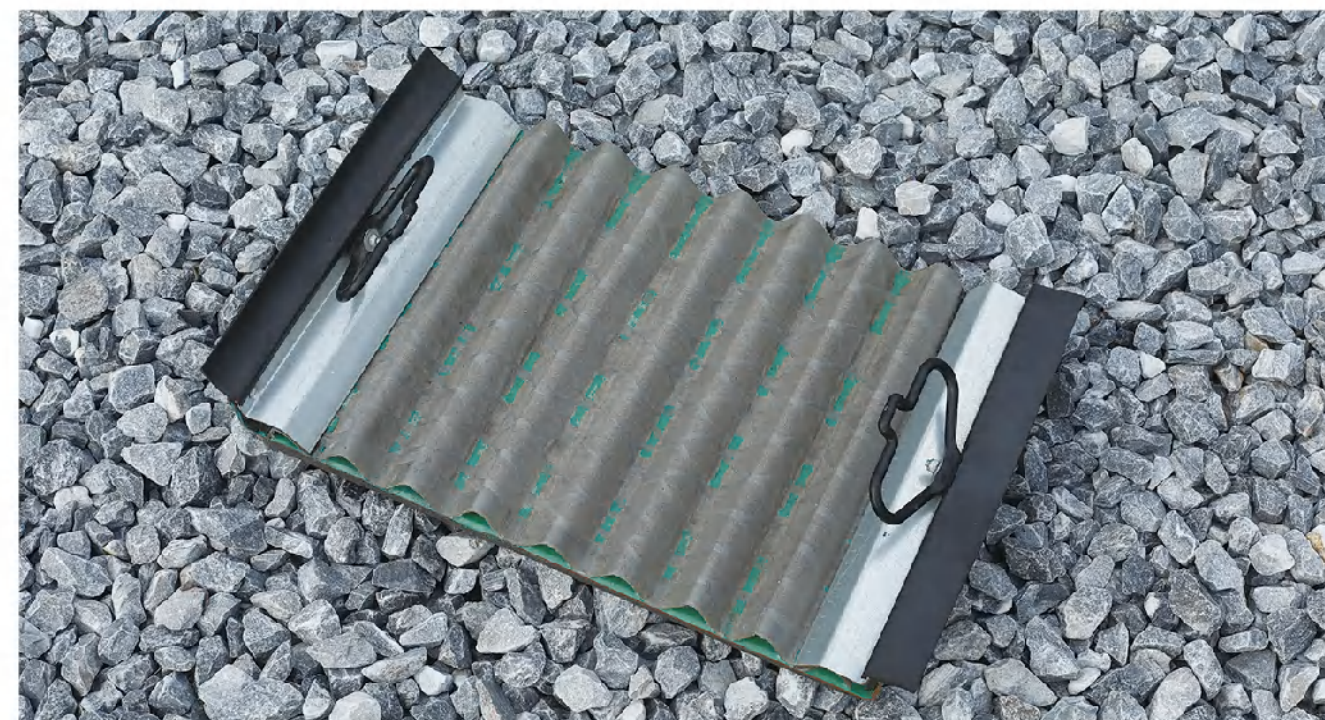
筛网特点

CHARACTERISTICS

- ▶ 由2至3层不锈钢网布紧密粘合为一体。
 - ▶ 通过拉钩方式安装。
 - ▶ 筛网底层网（托网）丝径相对较粗，对上层网面起支撑和帮助筛分作用，延长了筛网使用时间。
 - ▶ 可根据需要将网面分为多个独立的小网面，防止局部破损过度扩展。
- Tightly bonded with 2-3 layers of stainless steel mesh.
 - Install by hook.
 - The bottom mesh (support mesh) of the sieve has a relatively coarse wire diameter, which supports and assists in screening the upper mesh surface, prolonging the service life of the mesh.
 - The mesh surface can be divided into multiple independent small mesh surfaces as needed to prevent local damage and excessive expansion.

波浪振动筛网

SHALE SHAKER SCREEN



筛网特点

CHARACTERISTICS

- ▶ 由平面结构转变为立体结构，表面有效过滤面积提高了25%至50%，处理效率高。
 - ▶ 各层筛网目数不同，准确合理搭配使筛分效果更为细致。
 - ▶ 根据不同客户的需求生产多种规格。
- Transforming from a planar structure to a three-dimensional structure, the effective filtering area on the surface has been increased by 25% to 50%, resulting in high processing efficiency
 - Each layer of the screen has different mesh sizes, and accurate and reasonable matching makes the screening effect more delicate.
 - Customize according to different needs.



配件系列

ACCESSORIES



配件系列

ACCESSORIES



生产车间

PRODUCTION WORKSHOP

生产车间

PRODUCTION WORKSHOP



生产车间

PRODUCTION WORKSHOP

实验室

LABORATORY

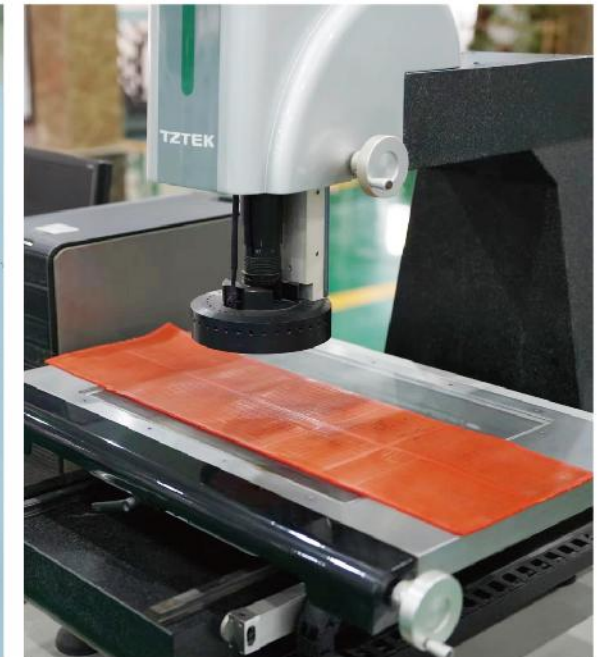


3000T大型平板硫化机

- 压板最大尺寸：4500*4500mm
- 柱塞最大行程：1000mm
- 应用领域：橡胶、聚氨酯、塑料等制品的硫化处理。
- 配备先进的自动化控制系统，实现硫化过程中的温度、压力、时间等参数的自动调节和精准控制，使橡胶、聚氨酯制品结构更加致密，减少内部气孔、疏松，有效提高制品的强度、硬度、弹性、耐磨性等物理性能和使用寿命。

3000T large-scale flat vulcanizing machine

- Maximum size of platen: 4500*4500mm.
- Maximum stroke of plunger: 1000mm.
- Application fields: vulcanization treatment of rubber, polyurethane, plastic and other products.
- Equipped with an advanced automated control system to realize automatic adjustment and precise control of parameters such as temperature, pressure, and time during the vulcanization process. This makes the structure of rubber and polyurethane products more compact and reduces internal pores and looseness, effectively improving the physical properties and service life of products such as strength, hardness, elasticity, and wear resistance.





紅星篩網

车间仓储与装箱发货

WAREHOUSING AND SHIPPING

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BUILD THE WORLD'S MOST INFLUENTIAL SCREEN MESH BRAND

源头实力生产工厂，为客户提供筛选解决方案。

红星始终将客户放在第一位，致力于成为客户最有价值的可靠合作伙伴。红星的团队，年轻而富有朝气，他们积极进取、专业精湛、经验丰富，他们将引领红星为客户创造更多效益。

Source strength production factory, providing customers with one-stop service.

Red Star always puts customers first and is committed to becoming their most valuable and reliable partner. Red Star's team is young and full of vitality. They are proactive, professional, and experienced. They will lead Red Star to create more benefits for customers.



产品问答

QUESTIONS AND ANSWERS

物料筛分不充分

Material screening is not sufficient

1. 原因：钢丝太粗，开孔面积少。

红星建议：考虑更改丝径，增加开孔面积；红星筛网在相同使用寿命情况下，钢丝丝径可以更细。

Reason: Thick of wire diameter, lack Opening.

Redstar recommendation: Changing wire diameter, increasing the opening; Under the same working life, Redstar screen mesh wire can be finer.

2. 原因：筛面料层太厚（入料太多）。

红星建议：减少入料，不要超过设计处理能力。

Reason: screen layer is too thick (material too much).

Redstar recommendation: Reduce material, should be under the max capacity.

3. 原因：物料入料位置不合适，浪费了部分筛面。

红星建议：重新调整入料位置，尽可能接近筛网的边缘。

Reason: Inappropriate material position, wasted part of the screen.

Redstar recommendation: Re-adjust the material inlet position; try to close to the screen edge.

4. 原因：筛孔被湿、粘或难筛物料堵孔，造成开孔面积减少。

红星建议：考虑更换红星自清洁网系列或调整破碎机出料口。

Reason: Screen was plugged by wet, sticky or difficult sieving materials, resulting in reduction of opening.

Redstar recommendation: Replacing by Redstar self-clean screen or adjusting the outlet of the crusher.

筛网达到磨碎寿命前断裂

Crack before the screen reach real life

1. 原因：筛网与筛机不配套。 红星建议：严格控制筛网各项参数尺寸误差，如筛网对角线、长宽尺寸。

Reasons: the screen is not matched with the machine.

Redstar recommendation: strict control the size parameter errors, such as Diagonal, length and width.

2. 原因：支撑胶条磨碎缺失。 红星建议：更换支撑胶条。

Reasons: lack of rubber support beam.

Redstar recommendation: Replace rubber support beam.

3. 原因：支承梁与筛网有间距，支撑梁可能弯曲磨损。

红星建议：检查是否有损坏或磨损，确保所有支撑梁与筛网之间无空隙。

Reasons: there is a space between the supporting beam and the mesh, or Support beam may bend wear.

Redstar recommendation: Check whether there is damage or wear of the beam, to ensure that there is no gap between all the supporting beam and the screen.

4. 原因：落料高度大。 红星建议：考虑重新调整入料高度，或添加缓冲装置。

Reasons: drop too height.

Redstar recommendation: Adjusting the drop height, or adding a buffer system.

5. 原因：筛网松动。

红星建议：筛网本身过松，或筛网安装张紧力不到位。

Reasons: loose of the screen.

Redstar recommendation: The screen itself is too loose, or install of the screen tension force is not enough.

6. 原因：入料颗粒过大。 红星建议：较小入料尺寸，或更换更粗丝径的筛网。

Reasons: the material is too large.

Redstar recommendation: Adjust small size material, or replacing thick wire diameter of the screen.

7. 原因：进料分部不均匀。 红星建议：调整进料口，让物料沿筛面宽度均匀分散。

Reason: Material division is not uniform.

Redstar recommendation: Adjust the material inlet, so that the material is evenly distributed along the width of the screen.

