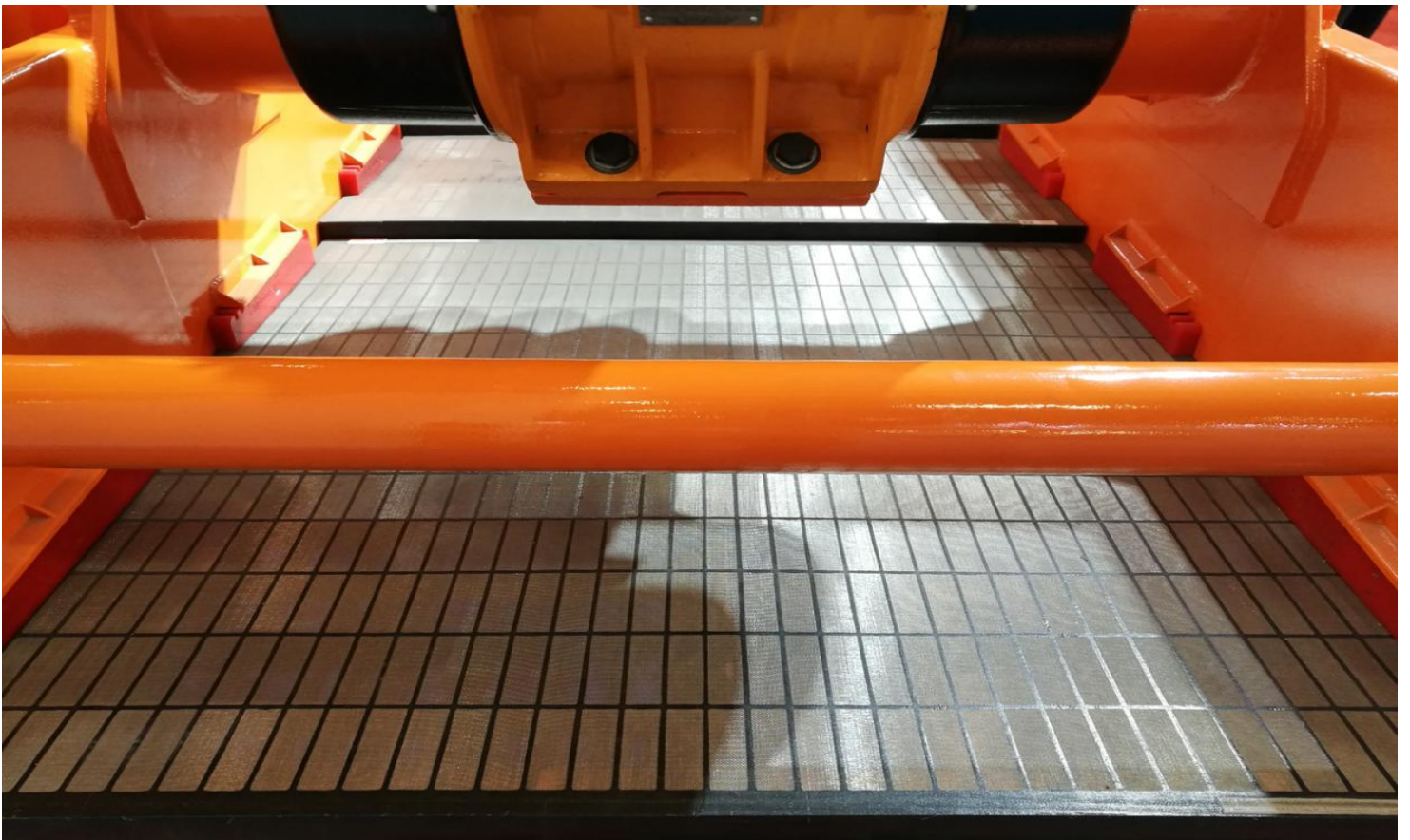


Shale Shaker Screen



**Premium focus on Shale Shaker
Screen ONLY but not Solid Control
System**



Premium Rig Parts Well Service Line Sheet

Brands

- Derrick
- NOV
- Swaco
- Harrisburg
- Weatherford
- GN
- Chnegdu XiBu
- Scomi
- Fluids System
- Vortex
- Double Life

Type

- Linear Motion
Cobra
- Derrick PWP
Nov Brandt
- Flat Shale Shaker Screen
- Mongoose
- Fine Polyurethane
- Metal-and Plastic-Back



NATIONAL PREMIUM OILWELL

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Brief introduction:

Derrick FLC 500 PWP shale shakers

Our newest innovation in our composite technology replacement screen offering is the D500-C flat-panel replacement, designed to fit Derrick FLC 500 brand shakers. The D500-C flat-panel replacement design lightweight composite frame with glass filling and internal steel reinforcement structure created to stay flat and parallel to the shaker bed.

Technical parameters:

Size:1050*695*20mm

Weight:8Kg

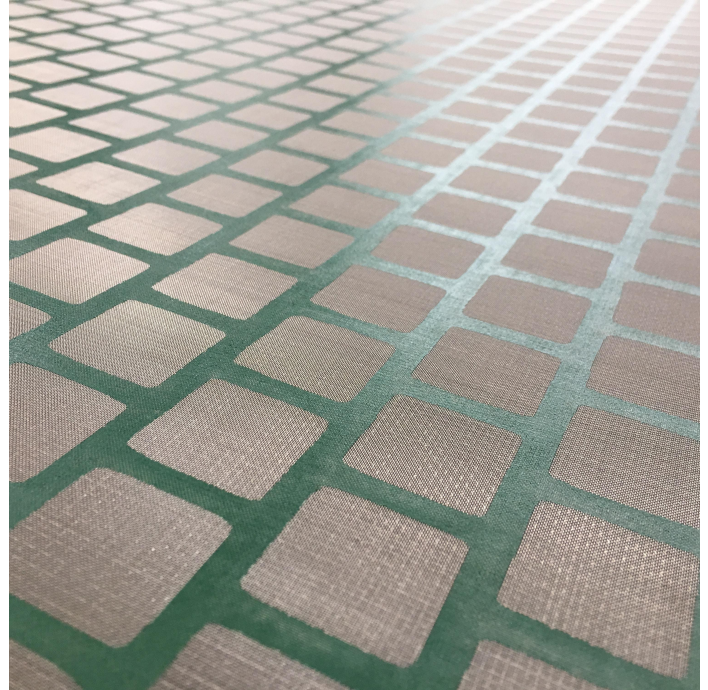
Customized: Yes

Offer sample: Yes

Screen Material: 304 or 316 SUS

Frame Material: Composite

Screen layer:Single,Dual,Triple layered



Function and Purpose:

As a Shale Shaker Screen manufacturer, we know the cost-effective shale shaker screens are very important for the drilling contractor. So we have our own factory to make the high quality shaker screens for shale shakers and also we make replacement shale shaker screen for Derrick shale shakers with different types and API size.

Replacement Shale Shaker Screen for Derrick shaker Specs

Fit For Derrick[1] Model	API No.	Dimensions	Material	Type
FLC 500 Shaker[1]	20~400	695×1050mm	SS304/SS316	Flat
FLC 2000 Shaker[1]	20~400	697×1053mm	SS304/SS316	Flat

The replacement flat screens for Derrick FLC 500 shaker are welcomed by our customers. We have already served for many drilling company.

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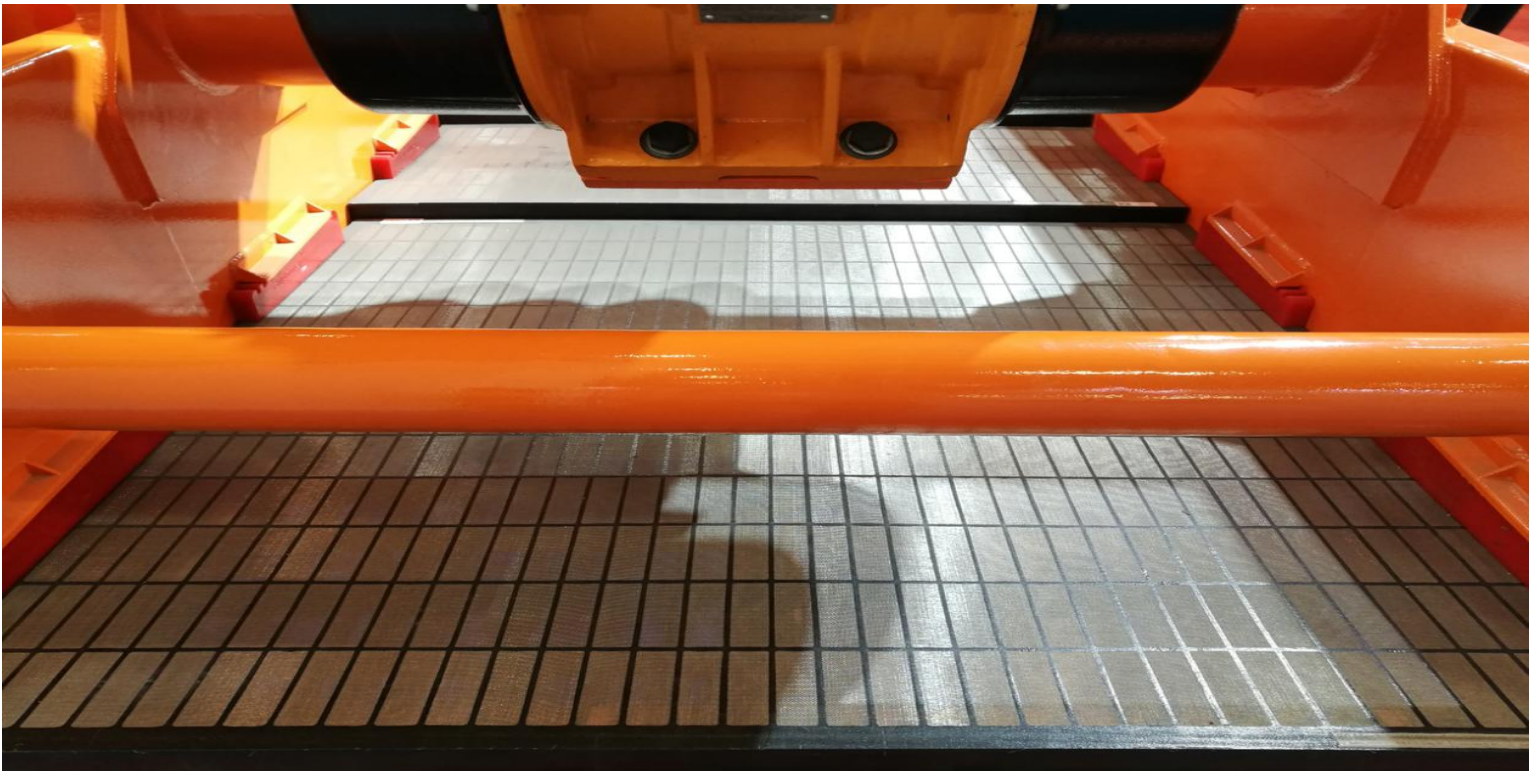
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Fine Polyurethane Shale Shaker Screen

Fine polyurethane shale shaker screen has a extremely fine openings, which is trapezoidal. It can prevent plugging and blocking during separating the materials. Additional, the fine opening can supply more accurate screening in the applications.

Specifications

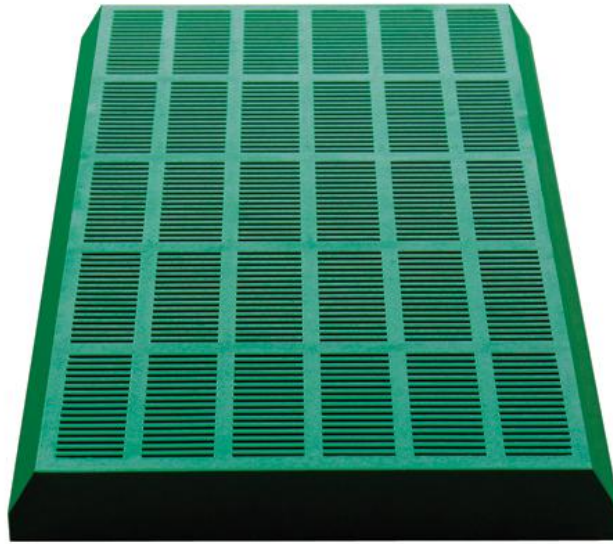
- Material: urethane.
- Mesh opening:
- Wet panel: 0.25" × 325 mesh
- Dry panel: 0.25" × 140 mesh.
- Open area: 35% – 45%.
- Lifespan: 6–12 months.

Features

- Large open area.
- Superior capacity and performance.
- Low operating and maintenance cost.
- Easy to install and uninstall.
- Durable and long service life.
- Practically non-blinding.
- Can be repaired or patched in place.



The fine polyurethane shale shaker screen mesh with trapezoidal hole could resist small particles blinding.



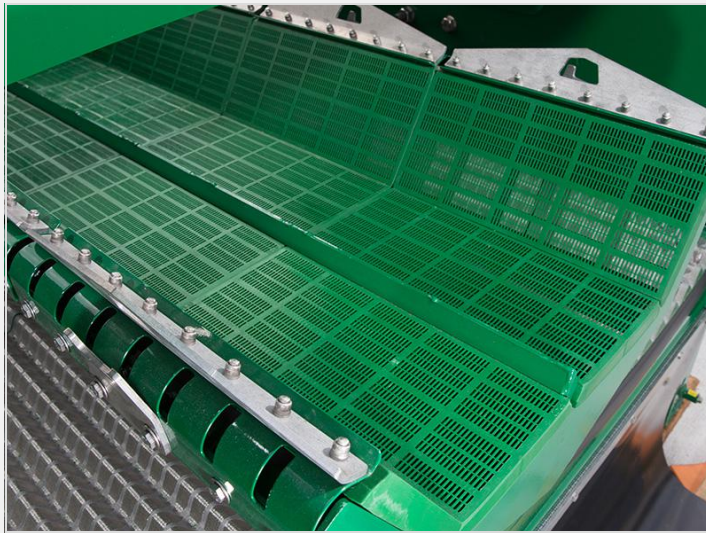
The urethane shale shaker screen mesh could filter the particle as small as 325 mesh size.

Modular screening

Polyurethane Modular screening is an extremely adaptable system. This system can be a permanent flat deck, which is fixed on the frame or removable modular solution using modular tension mats. The fastening accessory provides substantial locking area.

Specifications

- Panel size: 12" x 24" or 12" x 12".
- Mesh type: slot opening and square opening.
- Mesh opening: 1/64" - 3/1/2".
- Sheet thickness: 30 mm - 70 mm.



Slot opening modular screening.



Square opening modular screening.

Features

- Longer life. It has 15 to 20 times life of wire cloth.
- lower plugging and blinding and better production performance.
- Various materials available: ethers, esters at 60A – 90A durometer.
- Easy installation.
- Flexible installation options.

Installation tips

- The first method:
 - Install the frame onto the machine in advance.
 - Place the modular screening into the frame along one edge.
 - Strike the opposite edge with a mallet, which will be delivered along with the screening. Strike the modules continuously until all the modules are in position.
- The second method:
 - Install the modules onto the frame according to the first method.
 - Then install the frame with modules onto the machine until all are installed.

Tension Mats

Compared with modular screening, tension mats is easier to install and replace. Just fix the tension mats through hooks on the two side. The hook can be metal or polyurethane for different machine and applications. You can replace a tension mats in seconds and the whole system in minutes. And it need no special tools.

Specifications

- Material: polyurethane or rubber.
- Reinforcement: cable or steel tube.
- Size:
 - Maximum Overhooks Dimension: 3.5 m.
 - Maximum Width Dimension: 1.525 m.
- Mesh opening: max. 2.5".
- Color: yellow, blue, red and other colors can be customized.



Yellow color tension mats.



Red color tension mats.

Tension Rubber screen

Rubber tension screen is another shale shaker screen, which is widely used in mine, metallurgy, gravel and other fields for screening and separating.

Rubber tension screen has outstanding wear and abrasion resistance performance to be used for a long service life. The rubber shale shaker screen can be modular or tension type to be installed on the vibrating screen machines. It is easy to replace and maintenance.



Modular type rubber shale shaker screen.



Tension type rubber shale shaker screen.

Specifications

- Material: rubber.
- Mesh type: round or square.
- Punched openings: from 1/4" – 8".
- Thickness: from 1/4" – 4".
- Size: 12" × 12", 24" × 24", 48" × 96".

Features

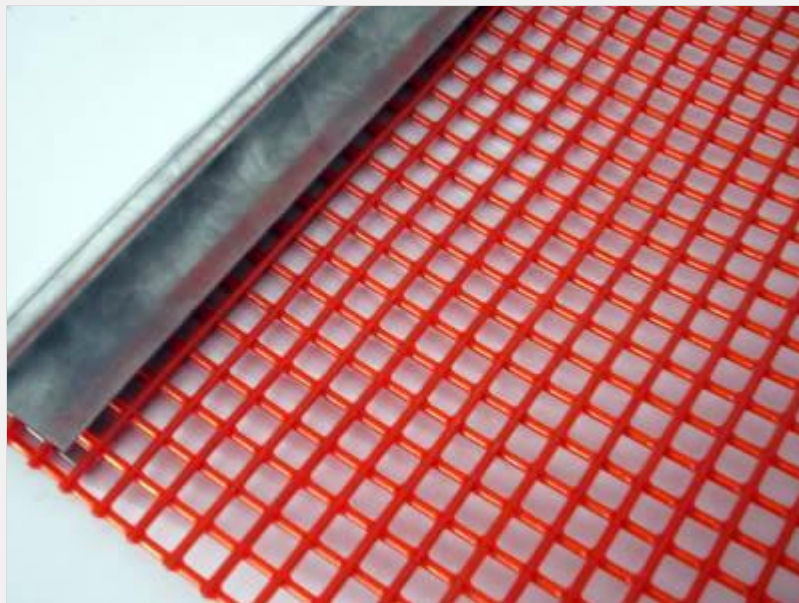
- Different installation type for choice.
- No-plugging.
- Wear and abrasion resistance.
- Durability.
- Flexibility.

Applications

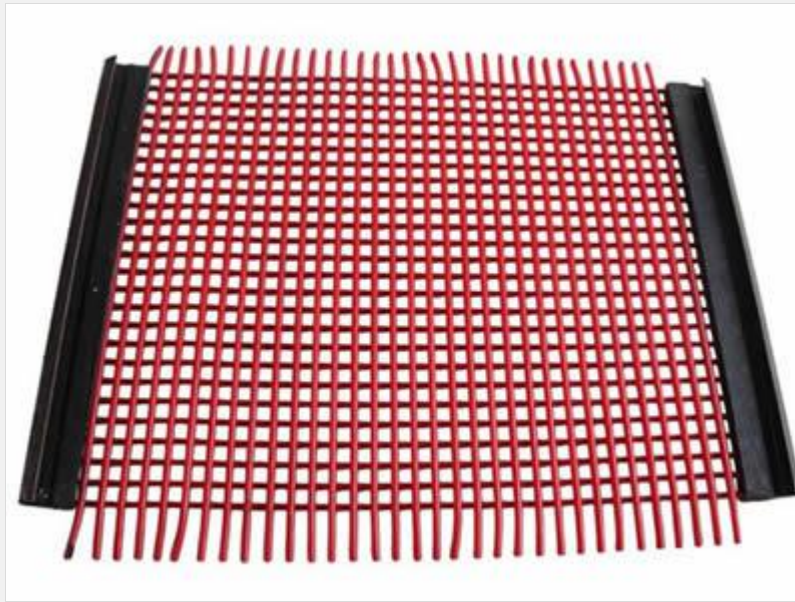
It is widely used for high impact screening applications, processing dry material, scalping applications, when there is a high percentage of crushed material.

Steel Core polyurethane screen panels

Steel core polyurethane screen is made of steel wire inside and polyurethane outside, which has high tensile strength and outstanding wear resistance. The steel core wires are welded into square or rectangular meshes. It has smooth surface and self-cleaning performance, so that it can avoid pegging or blinding.



Metal hook edge type steel core urethane screen.



Polyurethane hook edge type steel core urethane screen.

Specifications

- Material: steel wire inner and polyurethane coated.
- Wire diameter: 2 mm to 6 mm.
- Apertures: 3 mm to 70 mm
- Hole type: square or rectangular.
- Hook material: metal or polyurethane.
- Panel size:
 - Width: max. 1.6 m.
 - Length: max. 2.85 m.

Features

- Large open area than standard steel wire mesh panel.
- Flexible with secondary vibration.
- No pegging or blinding.
- High efficiency.
- Wear resistance.
- High tensile strength.
- High screening or separating efficiency.
- Lightweight and easy to install and remove.
- Low noise in the operation.
- Hook connection for easy fastening.

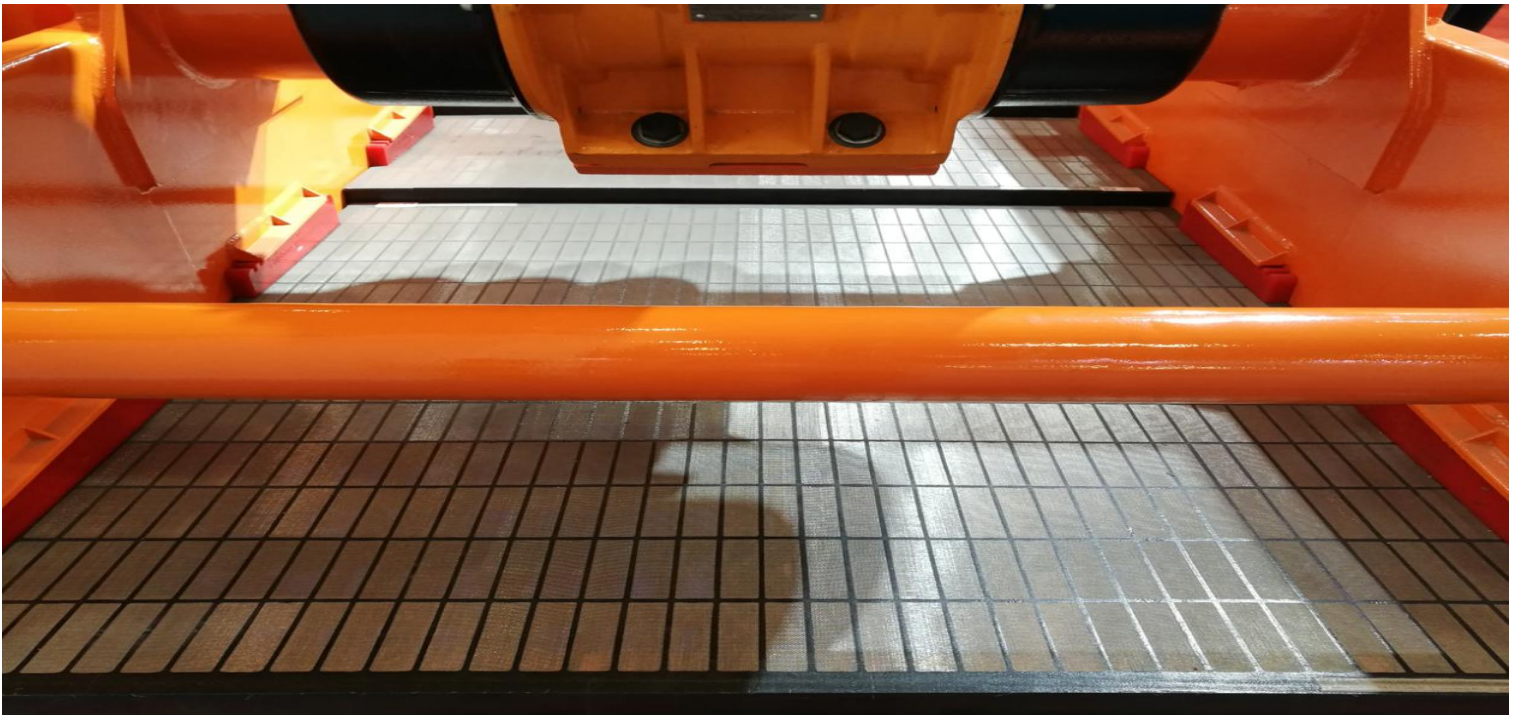
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Shale Shaker Screen



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Brands

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Type

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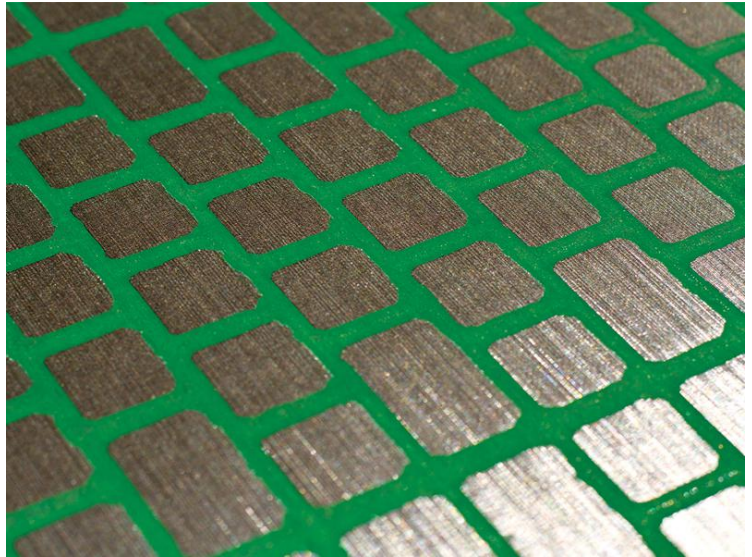


FLC 48-30 / 2000 PWP Shale Shaker Screen

FLC 48-30 / 2000 PWP Shale Shaker Screen for Solid Control or Desander.48-30 PWP Shale Shaker Screen is a kind of Derrick shaker screens.

- (1) FLC 48-30 / 2000 PWP Shale Shaker Screen Applicable to FLC 2000 vibrating screen.
- (2)There are two types of waves and flat, can adapt to a variety of conditions, the price of economic light weight.

The PWP screens are constructed of multiple screen layers bonded to a perforated metal plate for added support and facilitation of repair. Bonding squares help maintain cut point integrity by stabilizing the Sandwich Screen, increasing durability by reducing screen flutter, and isolating any screen failures. Screens for particular shakers may be repaired using the stainless steel plugs supplied with the panel.



FLC 48-30 / 2000 PWP Shale Shaker Screen Parameters

Model	Brand & Model for shaker	Mesh Range	Dimension	Weight
TR-01	FLC 2000 PWP	20-325	1053*697mm	4.8kgs

Remark:

Packing: carton case inside & wooden box outside or according to your requirement.

Oil Shale Shaker Screen performance is vital in the operation of a drilling rig as the shakers are the primary stage in the removal of drilled solids. Improper screen selection can lead to: loss of expensive drilling fluids, premature pump failures, overloading of other solids removal equipment such as centrifuge, decreased equipment life, reduced rate of penetration and serious problems in the well bore

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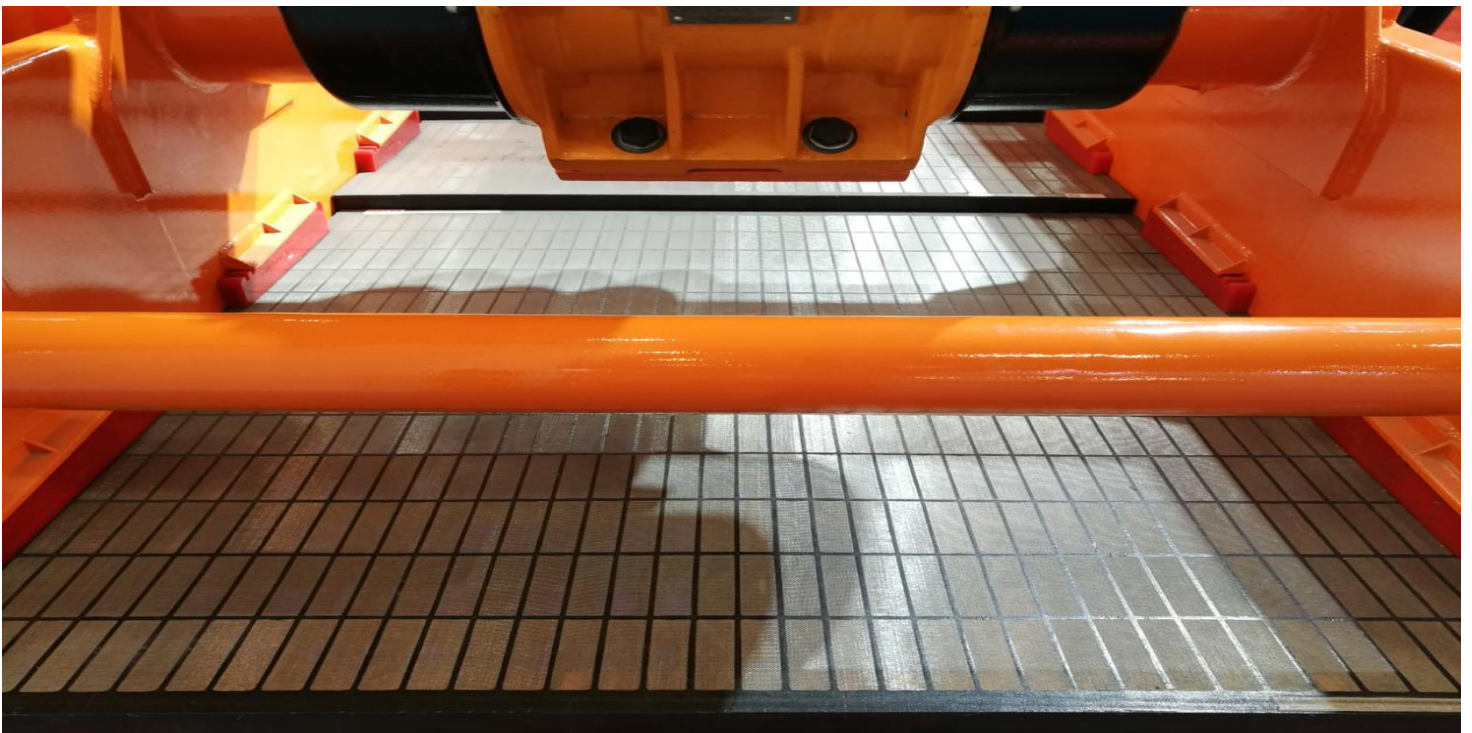
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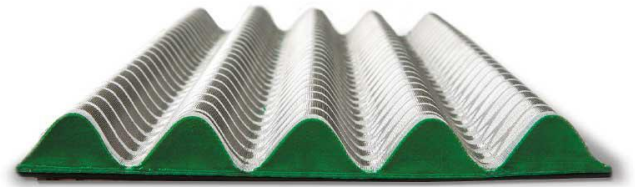


FLC 2000 PMD Shaker Screen

In generally, FLC 2000 PMD Shaker Screen with notch is used in Iran, Saudi Arabia and so on.

Different layers with different density, arrange these layers reasonably and exactly, the scree effect will become better.

The waved cloth bonded to metal backing plate, has more surface. The effective contact area of wave screen is 125% to 150% of a flat screen, so that wave type screen own higher drilling fluid flow than flat screen.



Product name FLC 2000 Wave Type Shale Shaker Screen With Notch for Shale Shaker

Material SS304 SS316

Layer 2 – 3 layers

Mesh Range 20-325 mesh

Weight 6kgs

Remarks:

Size:1053*697mm **Color:**Green

Packaging Details:2 pieces in one carton, 20 pcs in one wooden case.

Advantages of FLC 2000 PMD Shaker Screen:

Long working life, and good rubber

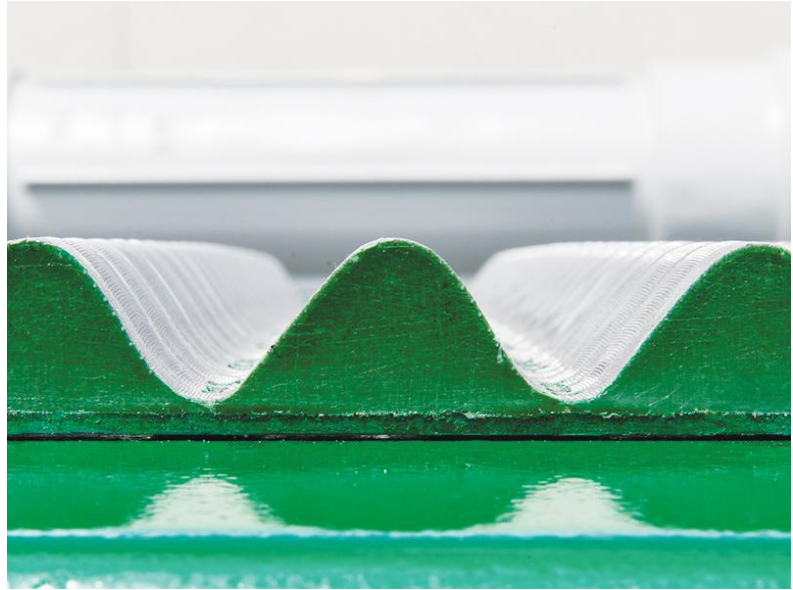
Easy disassembly, rating of temperature, good performance

Conductivity (powder) liquid, trapping (dreg) effect is good

Current design, technical expertise, adopt new technology

We are an exporter of shaker screen. Premium is a FLC 2000 PMD Shaker Screen

manufacturer and china Steel frame screen supplier. Our factory approval the API, Drilling Shale Shakers and drilling PMD shaker screen have the API certification. Premium solids control is the designed, selling, production, service and delivery of Chinese drilling fluid shakers manufacturers.



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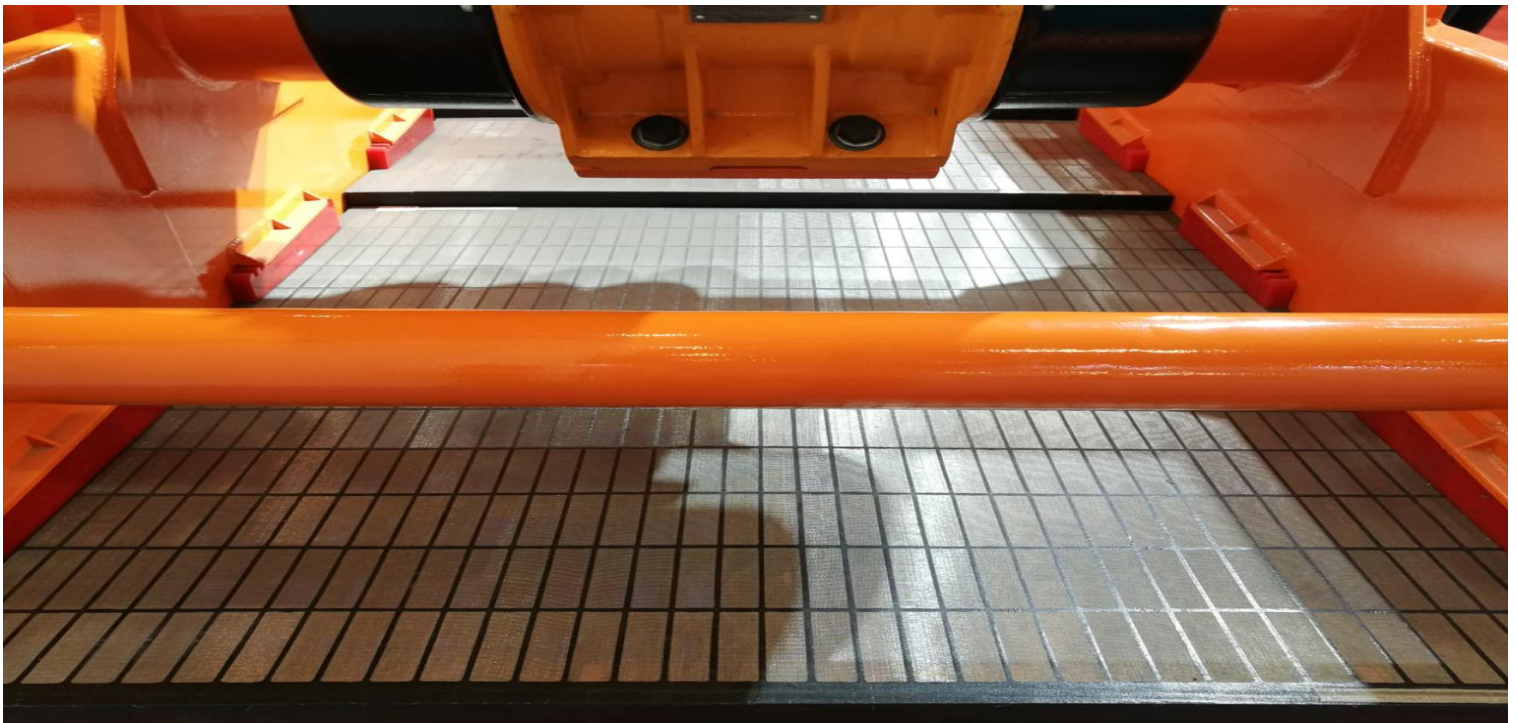
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Shale Shaker Screen



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Type

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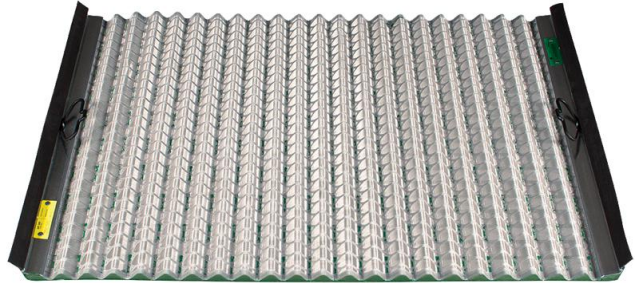
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FLC500 PMD Shaker Screen

FLC500 PMD Shaker Screen is used to Derrick 503 Shale Shaker.500 PMD Shaker Screen is popular in Saudi Arabia.

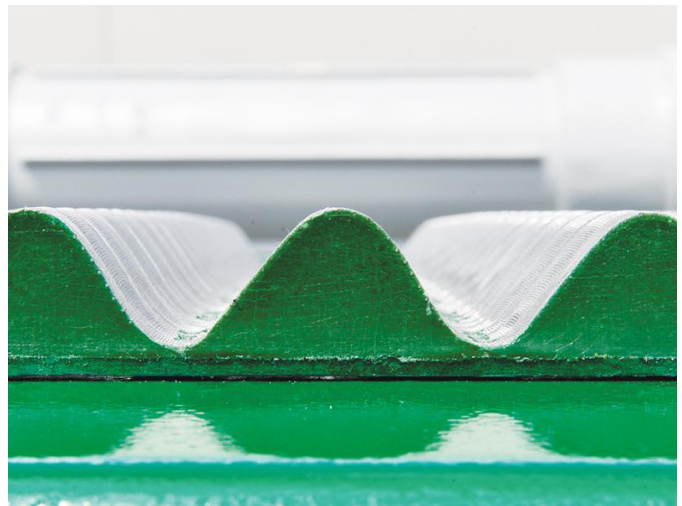
Different layers with different density.To arrange these layers reasonably and exactly, the screening effect will become more and better. Screen with different mesh counts with suitable opening sizes of the backing plate. Doing so, our products will obtain the largest effective area under the condition of enough strength.



The bottom layer with low mesh counts has coarse wire and can be tight bonded to the backing to make up one block. So the strength of whole screen mesh get up and the useful life is increased.

Advantages of FLC500 PMD Shaker Screen

1. Wear-resisting
2. long service life,
3. Higher flow rate
4. Easy disassembly
5. Trapping (dreg) effect is good
6. Technical expertise
- 7.Material: SS304 / SS316L



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Type

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M-I SWACO Metal- and Plastic-Back Screens

The M-I SWACO screens portfolio includes both commodity pretensioned metal-back and plastic-back hookstrip screens.

Metal-back OEM and replacement screens

Our lightweight, repairable hookstrip metal-back screens include replacements for the Derrick FLC 500, featuring 1 to 3 layers of mesh with a



metal grid and hook strips. Our pretensioned metal-back offerings include M-I SWACO, Brandt (Cobra, King Cobra, LCM3D, D285P/380P), Fluid Systems (Black Thunder, 29x42), Kemtron (KPT 28), and Vortex Fluid Systems (Orbital), featuring 1 to 3 layers of repairable, tensioned mesh bonded directly to a metal grid and rigid frame, eliminating the “horseshoe” effect.

Plastic back OEM and replacement screens

Our lightweight, repairable hookstrip plastic-back offerings include M-I SWACO (ALS, BEM-3), Brandt (LCM 2D, LM3, 4X5), Derrick (FLC 300, FLC 2000), Kemtron (KDX), Triton (Triton), and Vortex Fluid Systems (Orbital), featuring 1 to 3 layers of mesh with a plastic grid and hookstrips.

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Shale Shaker Brands & Their Screens

Please note the shale shaker screen we provide is replacement to the original manufacturer and not meant to be made by the said manufacturers. If you are looking for the originals, please contact them directly through their official sites.

Shale Shaker/Screen Model

Derrick Shaker Screen Replacement

Mongoose™, ALS™, BEM™

VSM300™, Cobra™ and King Cobra™, LCM™

KTL-48™, KPT, Kem-Tron™

FSI 5000

Original Manufacturer

Derrick Equipment

M-I SWACO, a Schlumberger company

NOV Brandt

KEMTRON Technologies

Fluids System

Screen Format	Mesh Range	Screen Dimension (mm)	Matching Shaker	Weight (kg)
PWP/Flat Panel	20-325	903x1155mm	SWACO BEM-3	5.6
PWP/Flat Panel	20-325	1212x1141mm	SWACO ALS-11	9
PWP/Flat Panel	20-325	697x1050mm	FLC 500 series	6
PWP/Flat Panel	20-325	697x1053mm	FLC 2000	4.2
PWP/Flat Panel	20-325	697x846mm	FLC 313M	4
PWP/Flat Panel	20-325	915x1150mm	BRANDT LCM-2D	8.6
PWP/Flat Panel	20-325	720x1120mm	KEMT -RON KTL48 series	5.6
PWP/Flat Panel	20-250	700x1165mm	S 250	4.6
PWP/Flat Panel	20-250	1186x1280mm	ZX-60	9.2
PMD/pyramid	80-325	635x1253mm	BRANDT BL-50	17.5
PMD/pyramid	80-325	697x1050mm	FLC 500 series	7.5
PMD/pyramid	80-325	697x1053mm	FLC 2000	5.8
PMD/pyramid	80-325	915x1165mm	BRANDT LCM-2D	10
PMD/pyramid	80-325	567x1070mm	HYPERPOOL	8.5

FRAME	20-325	585x1165mm	SWACO MONGOOSE	12
FRAME	20-325	635x1253mm	BRANDT KING COBRA	13.5
FRAME	20-325	913x650mm	BRANDT VSM 300	12.5
FRAME	20-325	720x1120mm	KEMT-RON KTL48 series	17
FRAME	20-325	712x1180mm	SF300	17
Composite	20-325	700x1050mm	Mi-SWACO FOR DERRICK 500	6
Composite	20-325	585X1165mm	SWACO MONGOOSE PT	12
Composite	20-325	635x1521mm	BRANDT KING COBRA	13.5
FRAME	20-325	735X1066mm	Fluids system	11.8

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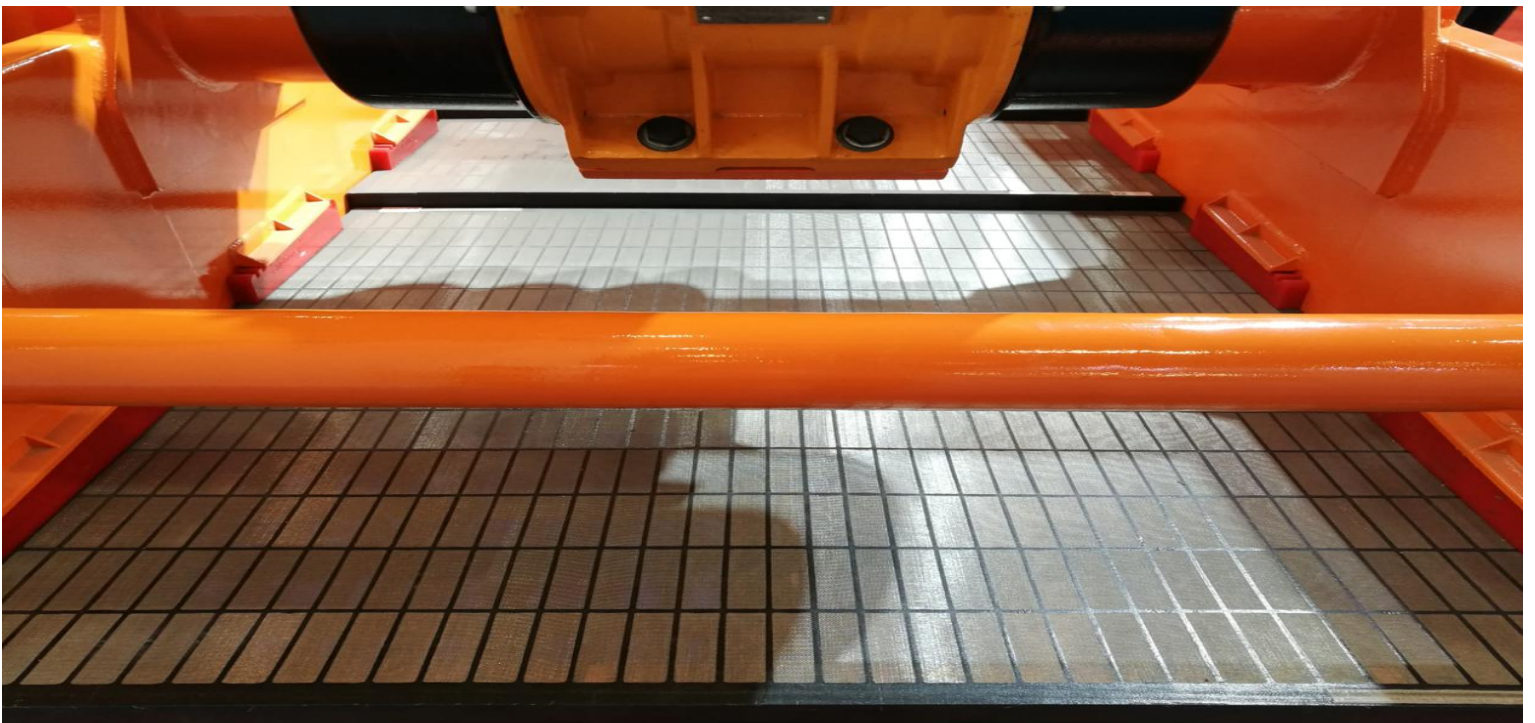
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Swaco Mongoose Shale Shaker Screens

Swaco composite replacement screens deliver even longer screen life, greater ease of repair, higher capacity, and greater cost effectiveness compared with metal-framed and other conventional products.

Premium composite screen technology effectively eliminates the inherent performance-limiting problems of conventional metal frames, including rusting, delamination and a heavier and reduced processing area. Swaco Mongoose Shaker Screens have as much as twice the functional life of screens mounted on metal and can handle appreciably higher throughput capacity.

We develop and produce filter and stuffing used in oil ,chemical industry ,rubber and medical industry etc.which win the favor of customers at home and abroad.



Products Name	Shale Shaker Screen
Mesh Range	20-325 Mesh
Color	Green & Black
Dimension	1165*585mm
Weight	12kgs
Feature	Effective Filtering Area & Long Working Life ,Shale Shaker Screen
Application	Drilling,Oil&Gas Filtration,Mud Filtration

Swaco Mongoose Shale Shaker Screens of Feature Advantage:

- Corrosion-resisting, heat-resisting, wear-resisting
- Long working life, higher flow rate
- Easy disassembly, rating of temperature, good performance
- Current design, technical expertise

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