

# HUATAO GROUP

## *Company Profile*

Huatao Group is a specialised team for develop the new material screening media.

Huatao Group is specializes in the production and development of Mining and Quarry Vibrating screen, Including Tufflex , PU Screen , Metal Tensioned Screen etc. widely used in mining, steel and iron, metallurgy, petrochemical, food and other industries. According to different screening machines and different sand materials, divided into : Poly Urethane Fine Screens for Derrick High Frequency Screening of fine iron sand and gold dust, PU Dewatering Screen Panel for sand dewatering vibrating screen, Tensioned PU Screen Panels for Coarse and Stone Screening ,

Modular Polyurethane Screen Panel for all sand materials screening , Steel Core Polyurethane Wire Screen for protecting fine screening mesh or screening the stone and sand , Tufflex Screen is new materials for fine aperture for screening the sand, and conventional metal screen mesh, self Cleaning Screens , Woven Wire Screen etc.

Our products have been supplied to more than 20 countries and set up the agencies. And our products and service have been recognized and trusted by the end users all the way. We believe, once we have the cooperation, "Huatao Group" will be your most reliable partners in your road to success. Because of trust , business will be simple.

### **Huatao Group**

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**Poly Urethane Fine Screens**



**PU Dewatering Screen Panel**



**Steel Core Polyurethane Wire Mesh**



**PU Screen Panel**



**Woven Wire Screen**



**Self Cleaning Screens**

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## *Poly Urethane Fine Screens*



### **Features :**

**Abrasion and wear resistance.**

**Acid and alkali resistance.**

**Fine openings for accurate separation.**

**Inlaid wedge-shape structure to strengthen the tensile strength.**

**Non-blinding.**

**Suit for almost all types of vibrating screens.**

**Lightweight and easy to install and replace.**

**Low operating and maintenance cost.**

**Low noise.**

**Long service life.**

<b>Material</b>	<b>Polyurethane</b>
<b>Hole width</b>	<b>0.075mm-1.5mm</b>
<b>Hole length</b>	<b>2.59mm-8.2mm</b>
<b>Lifetime</b>	<b>6-12 months</b>
<b>Color</b>	<b>Orange, red or as requirement</b>
<b>Screen size</b>	<b>1040mmx700mm or as requirement</b>
<b>Open area</b>	<b>20%-40.6%</b>

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## *PU Dewatering Screen Panel*



### **Features:**

**Wear and abrasion resistance.**

**High efficiency.**

**High tensile strength. Steel frame added to strengthen the tensile strength.**

**Lightweight and easy to install.**

**Various connection types to fit different machines.**

**Non-blinding.**

**Low noise.**

**Long service life.**

<b>Material</b>	<b>Steel frame and Polyurethane surface</b>
<b>Thickness</b>	<b>30mm,40mm,45mm,50mm</b>
<b>Hole Width</b>	<b>0.1mm-2.5mm or as requirement</b>
<b>Hole Length</b>	<b>4mm-16mm as requirement</b>
<b>Screen Width</b>	<b>305mm or as requirement</b>
<b>Screen Length</b>	<b>305mm or as requirement</b>

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## *Steel Core Polyurethane Wire Screen*



### **Features:**

No pegging or blinding.

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.

Material	Steel wire or S.S. wire inside and polyurethane outside
Wire diameter	minimum 1.5mm
Hole type	square or rectangular
Hole size	2mm - 25mm , or as requirement
Hook type	metal or polyurethane

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## *PU Screen Panel*



### **Features:**

Polyurethane materials for wear resistance.

Self-cleaning apertures reducing pegging and blinding.

Wide range apertures suit most applications.

Various panel sizes to suit all vibrating screens.

Different connection type for easy installation and replacement.

High screening performance.

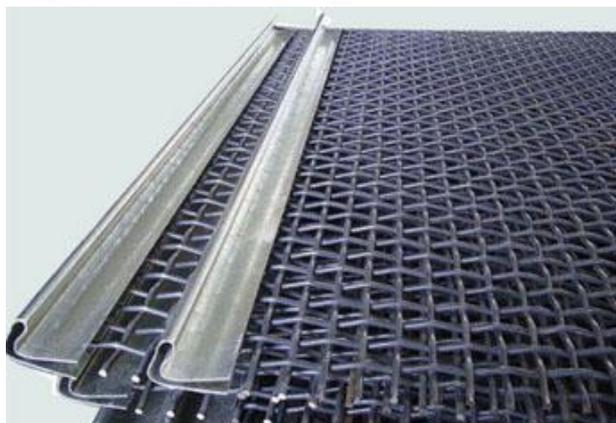
Low noise.

Long service life and durable.

<b>Material</b>	<b>polyurethane material and embedded steel frame</b>
<b>Thickness</b>	<b>30mm - 60mm</b>
<b>Aperture type</b>	<b>square, rectangular and round</b>
<b>Aperture size</b>	<b>5mm - 50mm</b>
<b>Connection type</b>	<b>mosaic connection, bolts connection, press bar connection and hook connection</b>

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## Woven Wire Screen



### Features:

High tensile strength.

Abrasion and wear resistance.

Impact resistance.

Acid and alkali resistance.

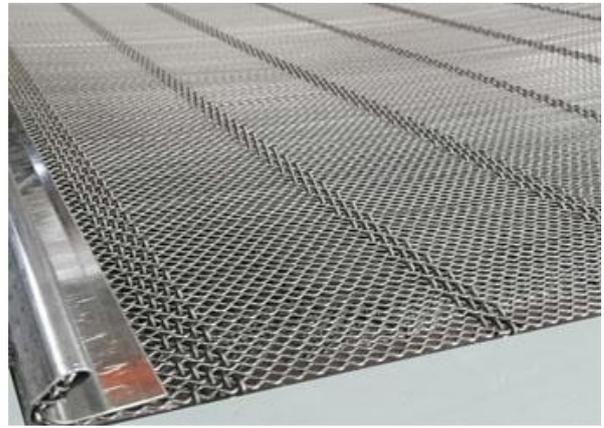
Various weaving types to fit different materials.

Different hook types for easy installation and fixation.

Material	black wire, spring steel wire, manganese steel wire and stainless steel wire
Surface treatment	galvanized or painted
Wire diameter	as requirement
Mesh size	as requirement
Hole type	square, rectangular and long slot
Weaving type	Plain weave, Pre-crimped, Flat top, Intermediate crimped, Lock crimped.
Hook type	Bending,Welding,Metal sheet hook (C type or U type)

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## *Self Cleaning Screens*



### **Progress Harp Type K**

This type of screens is made of round wavy, wires, curved in the horizontal working plain. Angle between the arms equals 90.

Working size of W opening is created by diameter of the circle written into this opening. Wires placed one next to another create openings similar to a square. Working wires are buckled together with transverse wires using polyurethane, rubber or wires inside plastic cover.

Opening sizes: minimum 3mm

### **Progress Harp Type T**

They are produced with wires of round diameter – straight and wavy placed alternately on the horizontal working surface. Wave spread span equals 90 or 60 . Working size of W opening is created by the diameter of the circle written into this opening. Straight, round wires have a slightly larger diameter than wavy ones. This series of screens characterizes with high ability to withstand heavy loads (owing to very well stretched straight wires)and good self-cleaning effect, obtained by self – oscillation of wavy wires. Wires in this series of screens can be connected with each other using wire knots, polyurethane, rubber or transverse wires inside plastic cover.

Opening sizes: minimum 3mm

Poly strips can be designed as customer's requests.

# HUATAO GROUP

## *Quarry & Mining Screen Mesh*



### Contact us

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## *Note of mesh install and usage*

### 1. Screen mesh types

There are various types of meshes. Different machines also have different requirements of meshes. We have polyurethane casting mesh, dewatering mesh and MDI polyurethane fine screen for different usage area.

### 2. The choice of screen mesh

For different work environment and install type, there are also many types of screen can be chosen. As polyurethane screen, we have expansion type, fixed type and flat plate. The three types of polyurethane mesh have different install methods which is used in different working environments. If the choice is not appropriate, it will greatly reduce the service life of the screen.

### 3. The importance of screen size precision

To purchase a mesh, please share detailed type and size to us, including the position of bolt install and support frame. Every detailed tiny data will effect the work life of screen on machines

### 4. Installation and usage

For better properties and longer work life, we care every tiny details. One bolt loose, entire mesh less life. If do not care the details in usage, it will reduce the work life of screen mesh.

### 5. Regular maintenance

The work life of screen mesh depends on your usage maintenance, especially for polyurethane mesh. The life of polyurethane mesh is more than half a year or one year. Regular maintenance can extend its working life.