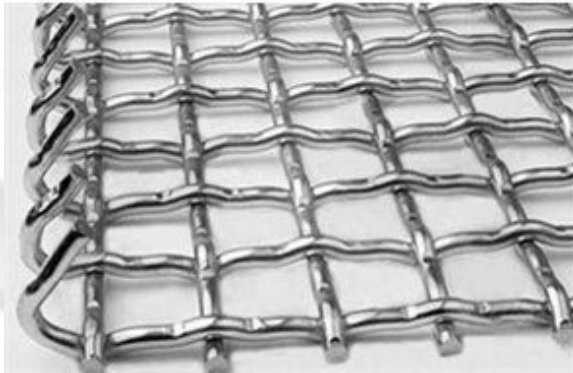


# Mining & Minerals Industry

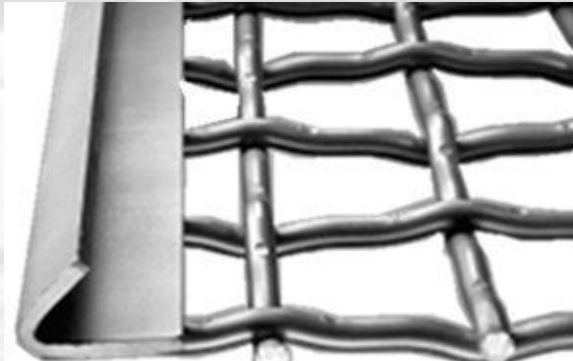
- Woven Wire Mesh
- Perforated Metal
- Wedge Screen



## Crimped Wire Mesh

Crimped wire mesh is woven using wire crimped prior to weaving. The crimps are made at the points the shute and warp wires intersect which secures the wire, thereby stabilizing the wire cloth and preventing the wire from moving.

The crimped mesh are specially designed for extremely rugged operations for grading, sizing, processing and supporting heavy abrasive materials such as ores, crushed stones, sand, gravel, metallic & non-metallic minerals, coal slag and various solid and powder formed organic and inorganic chemicals.



### Size & Configurations

- Wire diameter typically range from 1.5mm to 5.0mm
- Hole size up to 100mm
- Weave type include plain crimped, single & double intermediate, lock crimped, flat top and slot hole crimped

### Material

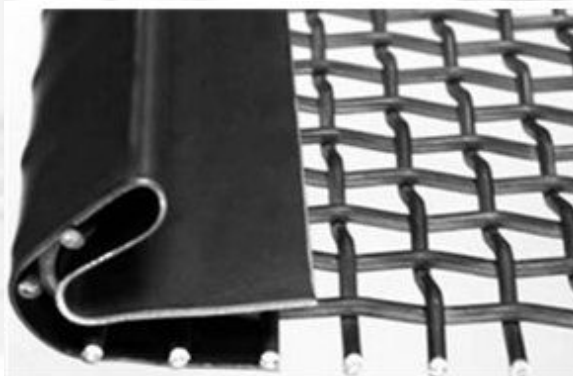
- Stainless steel
- Carbon steel

### Feature

- Various shapes and types
- Good hardness, wear resistance
- Uniform mesh size, beautiful structure
- High screening rate, high temperature resistance

### Applications

- Shaker screen
- Vibrating screen mesh





## Perforated Metal Mesh

Perforated metals used on vibrating screen decks for sizing, grading and dewatering, a full range of perforated metal screen products with special edge preparations for rectangular machines, and circular separators, and all related accessories.

### Size & Configurations

- Plate thickness from 1.5 to 6.0mm
- Shape include round hole, square hole, slot hole, triangle hole and hexagonal hole

### Material

- Stainless steel
- Carbon steel

### Feature

- Strong corrosion resistance, easy to clean
- Wear resistance, anti-oxidation
- High tensile strength and tolerance capacity.
- Holes and rows are evenly placed in accurate position

### Applications

- Crushed Stone Quarries
- Clay, Asbestos & Gypsum
- Sand & Gravel Plants
- Coal Preparation Plants
- Slag Plants
- Phosphate Rock
- Iron Ore Mines
- Copper Mines



## Flat Wedge Screen



Slot flat wedge wire screens are manufactured by helically wrapping parallel support rods with a continuous "V" shaped wire, then be made to panel screen through cutting and edge welding. The wedge screen panel size can be changeable as need.



The polyurethane edging wedge wire screen flat panel, for its high strength, high wear resistance, oil resistance, vibration absorption ability, it is widely used in heavy machinery vibration plate and processing fields which needs high level requirement about punching, stamping, sheet metal and insulation.



### Size & Configurations

- Slot opening up to 10mm
- Wire include triangle wire, Round Rod, Flat Bar and wedge wire



### Material

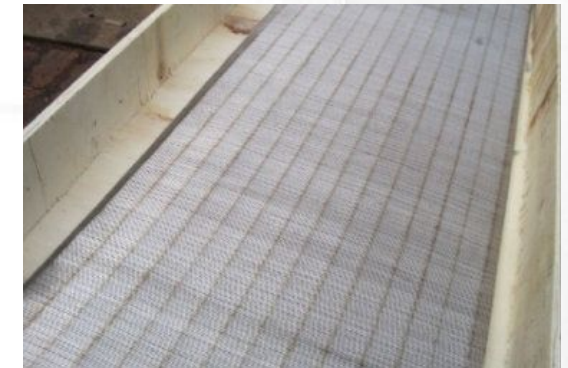
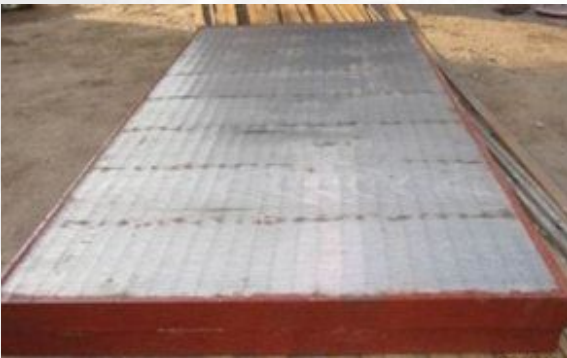
- Stainless Steel

### Feature

- High strength,rigidity and load capacity
- Easy to leakage, wear and corrosion resistance

### Applications

- Coal mining screening
- Coal & coke washeries
- Shaker screen





## Wedge Screen Basket

Wedge wire screen basket is the key component of centrifuge dewatering equipment, mainly used for dewatering in centrifugal dewatering machine as high-speed rotating component. When working, the screen basket not only absorb shock loads, but also bear a strong impact from coal and water, so the strength and accuracy requirements are relatively high for screen basket. Wedge wire screen basket slot size is generally 0.3 ~ 1mm, other sizes can also be customized. The wedge wire basket is connected with main machine as a whole part through the hole of top flange or down flange with bolt.



### Size & Configurations

- Slot opening up to 1mm
- Wire include triangle wire, Round Rod, Flat Bar and wege wire

### Material

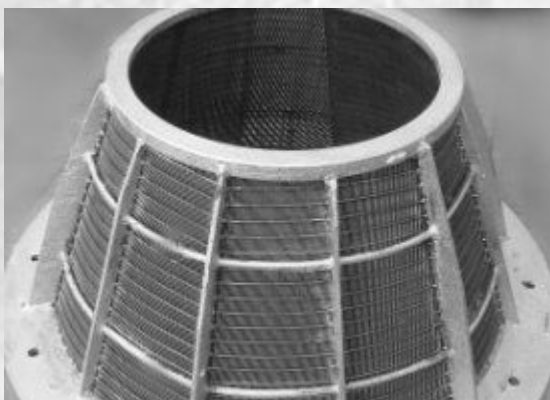
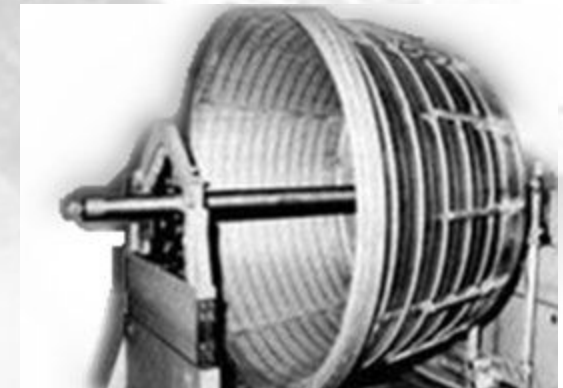
- Stainless Steel

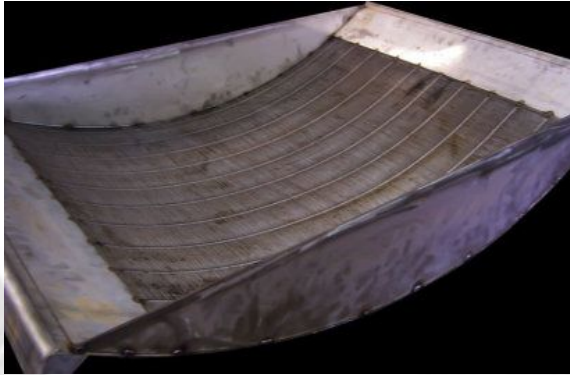
### Feature

- Highest screening efficiency
- Strongest earthquake tensile strength
- Minimum maintenance requirements
- Longest service life

### Applications

- Centrifuge Basket
- Filtration, dehydration, mud and other operations

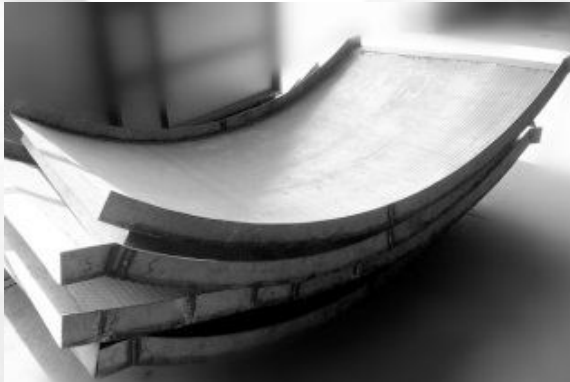




## Sieve Bend Screen

Sieve bend screens also known as side hill screens, parabolic screens, run down screens, gravity screens and DSM screens. Sieve bends are cross-flow screens. The profile wires are slightly tilted so that the leading edge is position higher which greatly increases the dewatering capacity.

A sieve bend consists of a concave curved profile wire screen mounted in a frame with the screen openings perpendicular to the flow. A curved screen has greater capacity than a flat wedge screen due to forces exerted as material flows against the curved surface.



### Size & Configurations

- Slot opening up to 10mm
- Wire include triangle wire, Round Rod, Flat Bar and wedge wire

### Material

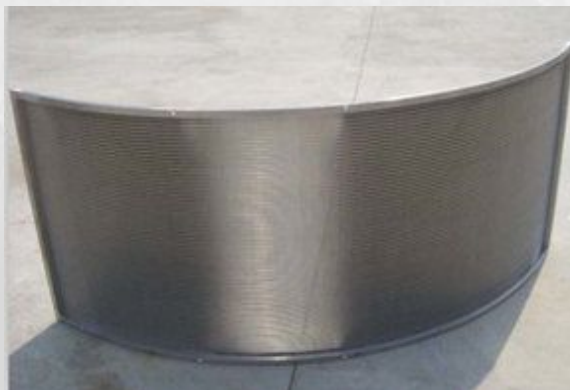
- Stainless Steel

### Feature

- Firm in structure, good mechanical properties
- High strength, rigidity and heavy load carrying capacity
- Easy to leakage, wear and corrosion resistance
- Avoiding clogging and ensure smooth filtration

### Applications

- Coal mining screening
- Filtration, dehydration, mud and other operations



## Perforated, Wedge & Wire Products

for Mining & Minerals Industry



Factory in AP

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