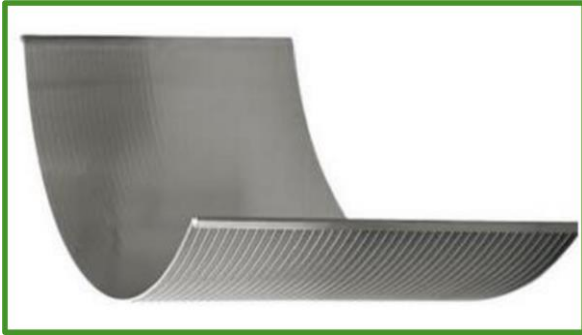
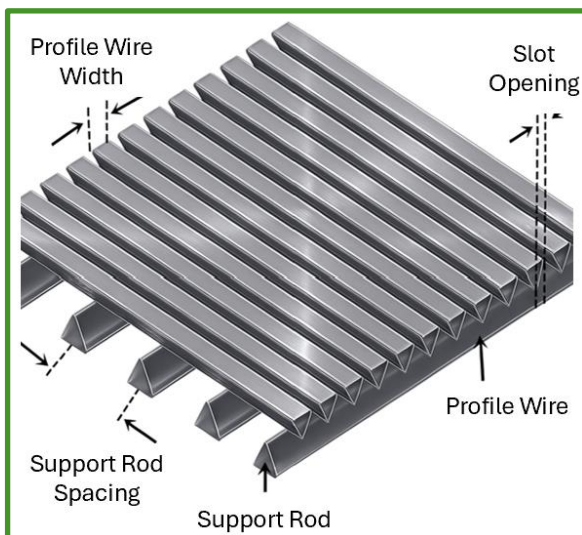
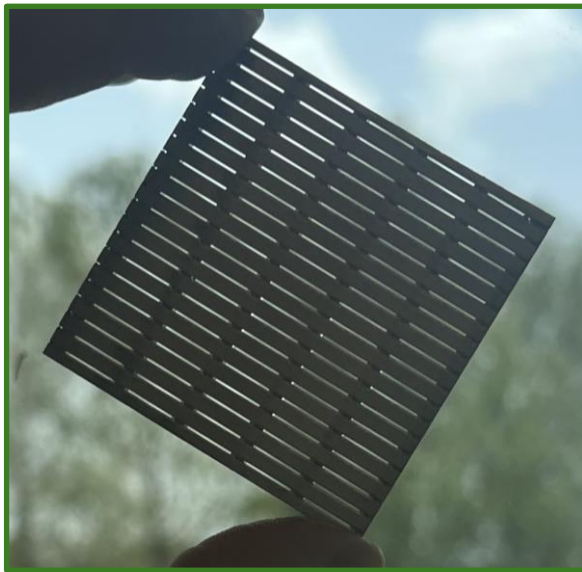




Framed Wedge Wire Sieve Bend Screen



Sieve Bend Screens (Static)

Sieve bend screens (also known as DSM or curved screens) are typically made from wedge wire. They are an ideal solution for material sizing and classifying, dewatering, filtration, separation and valued material recovery applications. The high surface and open area of the curved profile allows for higher flow rates, greater load capacities and more efficient filtration through gravity with no moving parts.

The v-shaped wedge wires (profile wire and support rods) and uniform slotted structure allows efficient screening across the entire surface which can be back-washed for continued efficiency and low maintenance.

Highly customizable, sieve bends can be screen only or framed screen with optional housing, plus additional accessories like drip ends/trays and other features to suit specifications and service requirements. Available in 304L, 316L and other common metal material options.

Product Features

- ▲ Robust Welded Wire Fabrication
- ▲ Customizable Shapes & Configurations
- ▲ Slot Openings from 50 Microns
- ▲ Industry Common Material Options
- ▲ High Load Capacities
- ▲ Non-Clogging, Back Washable

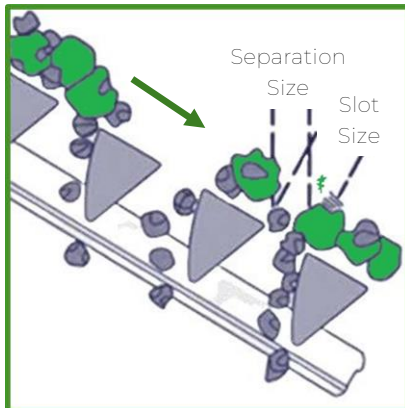
Industries & Applications



Sieve Bend Assembly with Housing

Sieve Bend Working Principle:

Using gravity, materials flow downwards against the concaved screen surface. Liquids and smaller particles are deflected through the wedge wire slot openings and fall through, while the larger particles continue to flow on the screen surface.



- ▲ Mining & Mineral Ore Processing
 - Particle Size Classification
 - Wet / Dry Material Separation
 - Valuable Fines Recovery
- ▲ Wastewater / Sewage Treatment
 - Slurry Pre-Screening & Dewatering
 - Solid/Liquid Separation
 - Fine Contaminant Capture to Help Meet Discharge Standards
- ▲ Food & Beverage
 - Removal of Organic Materials & Debris (Insects, Seeds, Pulp, etc.)
 - Post-Washing Water Removal
- ▲ Textile Production
 - Separation of Suspended Solids
 - Removal of Solid Dye Residues
 - Usable Fiber Recovery
 - First Stage Sludge Dewatering
- ▲ Pulp & Paper
 - "White Water" Fiber Recovery
 - Dewatering of Pulp Slurry
 - Particle Filtration

Why Demand Delta Screens?

- ▲ Responsive, Agile & Experienced Team
- ▲ Superior Custom Engineering & Design
- ▲ Quality Fabrications, Made In USA
- ▲ 100% On-Time Delivery

Delta Screens & Filtration, LLC is an ISO 9001 certified custom fabricator of wedge wire screen in Houston, TX, with superior engineering, design and fabrication services.



Contact us for quotations: [Quotation | Delta Screens](#)

For more information: [Industrial | Delta Screens](#)

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