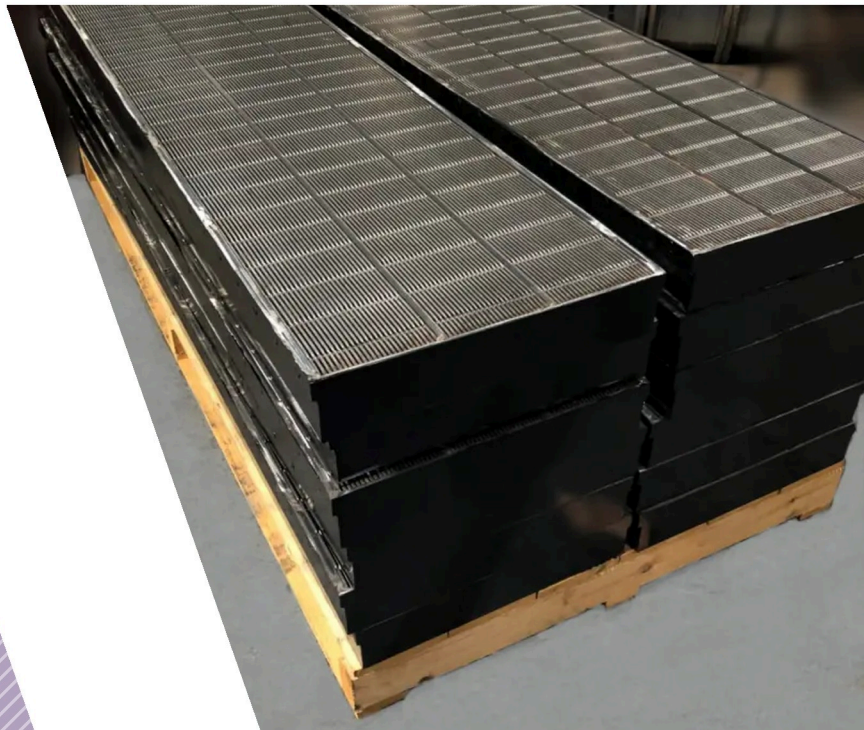
SIMO SCREENS

MINING AND MINERALS

Desliming sieve bends, drain and rinse panels, centrifuge baskets and interstage screens.

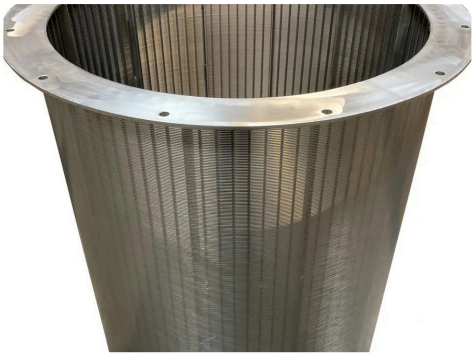
- PRECISION FILTRATION
- STRENGTH AND DURABILITY
- NON-CLOGGING OPEN AREA
- RESISTANCE WELDED
- STAINLESS AND SPECIAL ALLOYS
- ENGINEERED TO ORDER



MINING AND MINERALS

Where our screens sit in the plant

At SIMO Screens, we make desliming sieve bends, drain and rinse panels, centrifuge baskets and interstage screens. Panels are built for abrasive slurry and to the fixing system already on the deck, so a change-out is a swap, not a modification.



Cylindrical wedge wire interstage screen with a wide bolted top flange.

DESLIMING SLOT	DRAIN AND RINSE	PANELS
About 0.5 mm	0.5 to 1.5 mm	Up to 2,400 × 4,000 mm

WHAT IT MEANS FOR YOUR PLANT

Built for abrasion

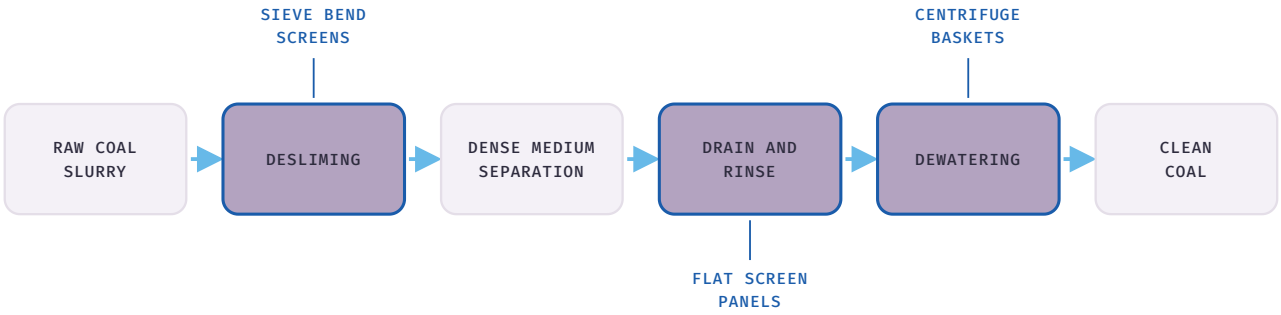
Wire profiles and alloys are chosen for abrasive slurry.

Fits the deck you have

Panels are made to the fixing system already on the deck, so a change-out is a swap.

A steady cut point

The slot is held to drawing for consistent desliming and dewatering.



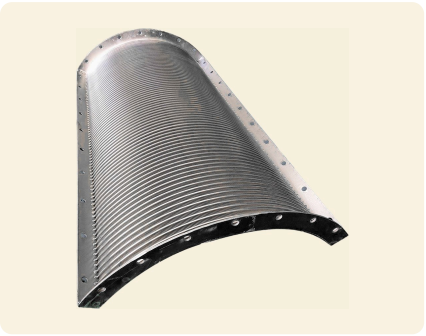
Highlighted stages use SIMO wedge wire.

SELECTION

PLANT OR EQUIPMENT	SIMO SCREENS PRODUCT
Coal washery desliming	Sieve bend (DSM) screens
Drain and rinse, dewatering and sizing screens	Flat panels and false bottoms
Coal and mineral centrifuges	Centrifuge baskets
Iron ore and sand classification	Sieve bend (DSM) screens, Flat panels and false bottoms

PRODUCTS

Made at our Nagpur works



01. Sieve bend (DSM) screens

Static sieve bend (DSM) screens for dewatering, desliming and fibre recovery.



02. Flat panels and false bottoms

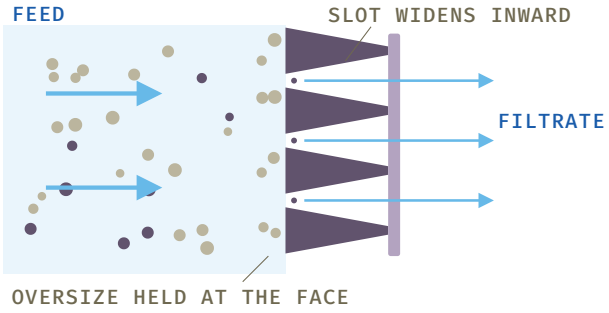
Flat panels, false bottoms and screen decks with a precise continuous slot.



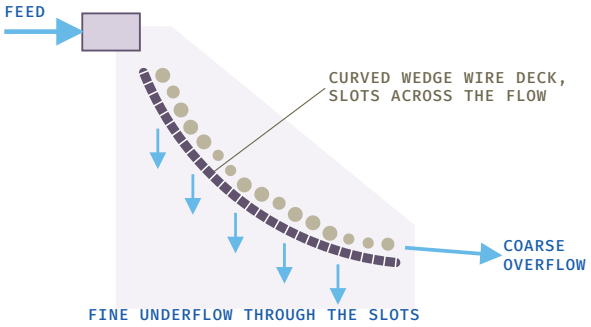
03. Centrifuge baskets

Centrifuge baskets and screens for sugar, coal, minerals and chemicals.

HOW THE SLOT WORKS



Oversize is held at the face; the slot widens inward, so whatever passes cannot lodge.



On a sieve bend, the wire edges slice a thin layer of liquid from the feed as it runs down the curve.

V-PROFILED WIRE

Resists clogging. Carries the pressure. Opens more area.

The wire meets a particle at two points and the slot widens behind the face, so what passes cannot lodge.

WELDED AT EVERY JUNCTION

Holds its slot under load.

Each wire is resistance welded to every support rod, so the screen resists pressure transients up to 300 PSI and thermal cycling without stretching or tearing.

BUILT TO YOUR EQUIPMENT

Fits at the first shutdown.

Made to your drawing, sample or vessel, in the alloy the medium calls for, so it drops into the equipment already in place.

FOR A QUOTATION, SEND OUR ENGINEERS

01 Equipment: sieve bend, drain and rinse screen, dewatering screen, sizing screen, centrifuge or interstage screen.

02 Screen deck drawing, panel dimensions and fixing method, or the centrifuge basket drawing.

03 Feed material, size range and slurry flow or tonnage.

04 Target cut size and your current slot size.

05 Problems you see today: magnetite loss, pegging, wear, cracking or high product moisture.

06 Process water quality, especially chlorides and pH.

SIMO SCREENS

Engineered guidance, reliable solutions

At SIMO Screens, our engineers work with you to understand the process, recommend the right design and stand behind its performance. Our engineers will connect with you within a working day.

01. Send a drawing

A drawing or a datasheet line is enough to begin.

02. Replace an existing screen

Send the screen, photographs with dimensions or its part number.

03. Start from process data

Flow, pressure, temperature, particle size and medium.

CUSTOMERS INCLUDE

ENGINEERS INDIA LIMITED · IndianOil · JINDAL STEEL · meil · MOIL LIMITED · NIPPON STEEL · NMDC · ONGC · सेल SAIL · TATA CHEMICALS LIMITED · TATA STEEL · THERMAX

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IS 8110:2019 · MAKE IN INDIA

ISO 9001:2015 quality system
Water well screens to IS 8110:2019

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SEND YOUR SPECIFICATION

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