SIMO SCREENS

FOOD PROCESSING

Sieve bends, drum screens, candle filters and drainage grates for food processing lines.

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



FOOD PROCESSING

Where our screens sit in the plant

At SIMO Screens, we make sieve bends, drum screens, candle filters and drainage grates for food lines. Continuous slots give clean separation of fibre, starch and solids without blinding, and smooth stainless surfaces wash down quickly between runs.



Rotary drum screen in operation with fruit pulp collecting on the discharge apron.

SLOT OPENINGS	MATERIAL	FINISH
From 25 microns	SS 304 and SS 316L	Pickled or electropolished on request

WHAT IT MEANS FOR YOUR PLANT

Separation without blinding

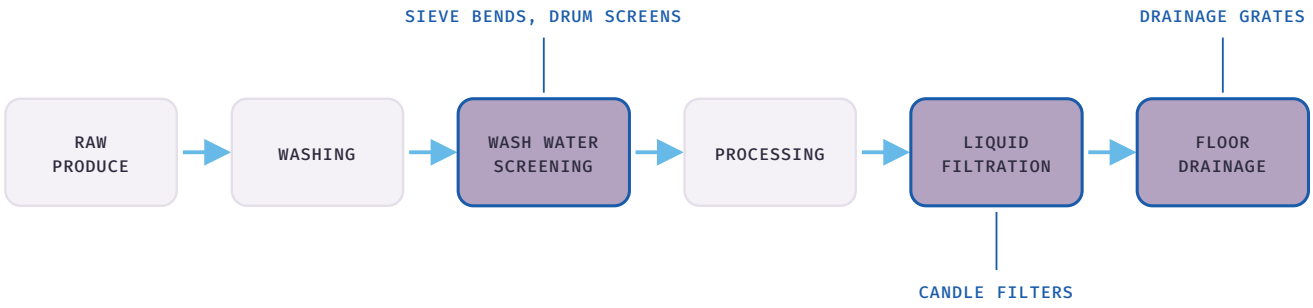
Continuous slots separate fibre, starch and solids and resist blinding.

Quick wash-down

Smooth stainless surfaces with no woven pockets clean quickly between runs.

Nothing to service

Sieve bends work by gravity with no drive and no moving parts.



Highlighted stages use SIMO wedge wire.

SELECTION

PLANT OR EQUIPMENT	SIMO SCREENS PRODUCT
Starch and corn wet milling fibre washing	Sieve bend (DSM) screens
Process and vegetable wash water	Rotary drum screens, Sieve bend (DSM) screens
Edible oil and food liquid filtration	Candle filter elements, Outlet baskets and collectors
Food plant floor drainage	Drainage grates

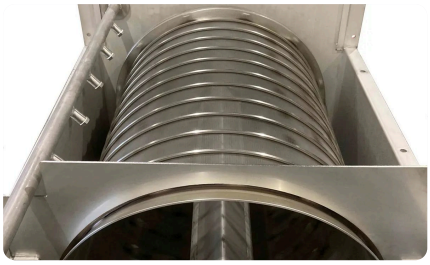
PRODUCTS

Made at our Nagpur works



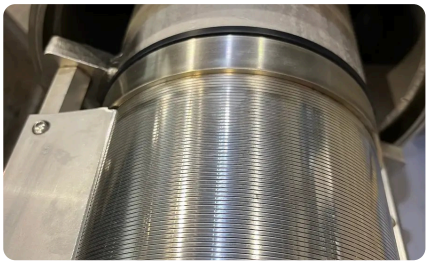
01. Sieve bend (DSM) screens

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



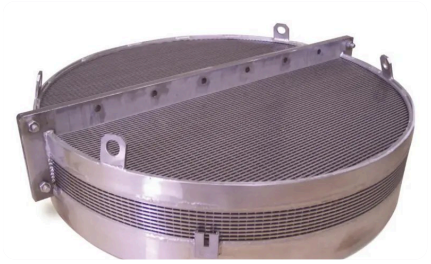
02. Rotary drum screens

Wedge wire drums and complete rotary drum screens for wastewater and process water.



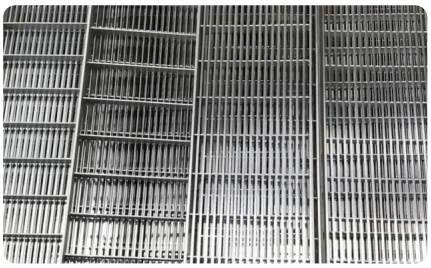
03. Candle filter elements

Candle filter elements for fine solid and liquid separation under pressure.



04. Outlet baskets and collectors

Outlet baskets and collectors that retain media in vessels and protect pumps.



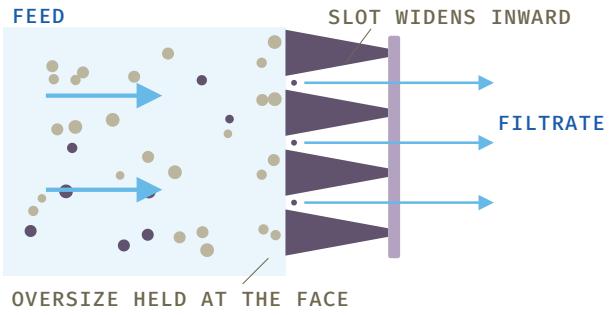
05. Drainage grates

Stainless steel slot drainage grates and trench covers.

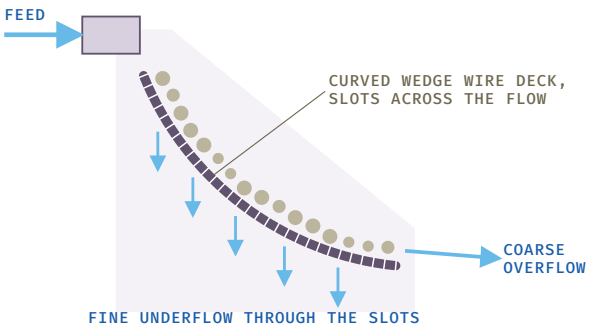
Something else?

Our engineers make screens to your drawing, sample or process data.

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.

FOR A QUOTATION, SEND OUR ENGINEERS

01 Equipment and application: fibre washing, wash water, pulp dewatering, liquid filtration, pump protection or floor drainage.

02 Flow rate and solids content, with a description or sieve analysis of the solids.

03 Product or liquid, temperature and pH, and the cleaning chemicals you use.

04 Your current screen type and slot or hole size, and any problem you see today.

05 Dimensions of the existing screen, filter housing or drain channel.

06 For grates: channel width and length, and the traffic and load class.

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.

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IS 8110:2019

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SEND YOUR SPECIFICATION

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