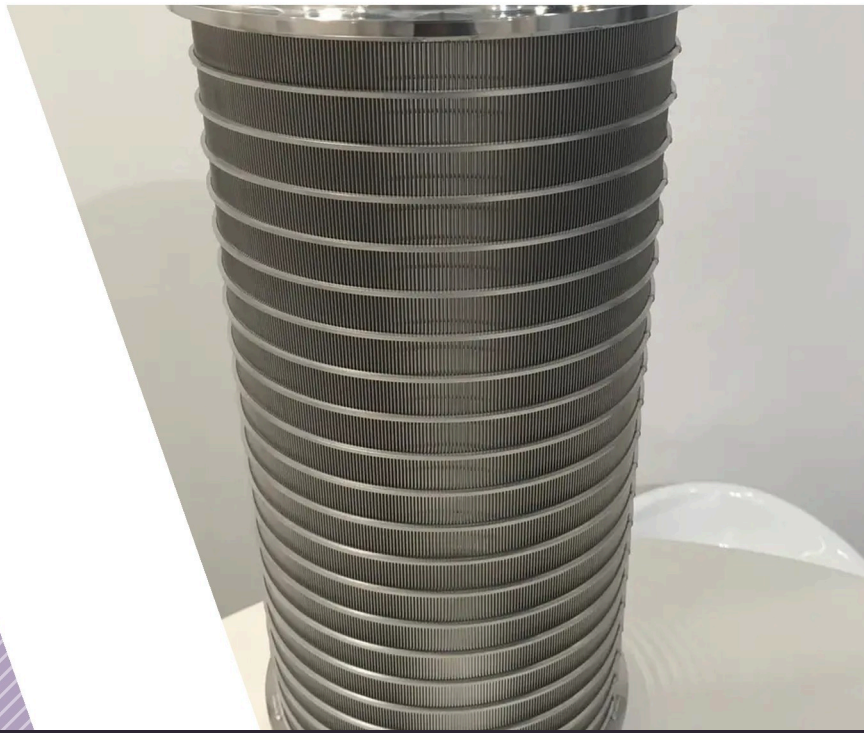
SIMO SCREENS

PULP AND PAPER

Pressure screen baskets, drum and screw press screens and white water sieve bends.

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



PULP AND PAPER

Where our screens sit in the plant

At SIMO Screens, we make pressure screen baskets, drum and screw press screens and white water sieve bends. Slot accuracy and open area decide fibre recovery, so we hold both to drawing and develop contoured profiles where the process needs them.



Cylindrical wedge wire basket with axial slots held by external support rings.

SLOT OPENINGS	PROFILES	COATING
From 25 microns	Standard and contoured	Chrome plating on request

WHAT IT MEANS FOR YOUR PLANT

Steady fibre recovery

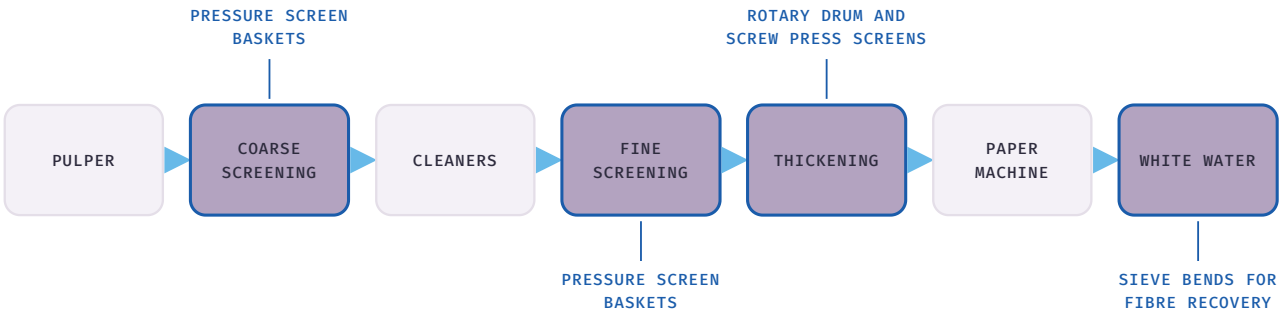
Slot accuracy and open area are held to drawing.

Contoured profiles

Developed to order for pressure screen baskets.

Reinforced for presses

Screw press screens carry the compression and torque.



Highlighted stages use SIMO wedge wire.

SELECTION

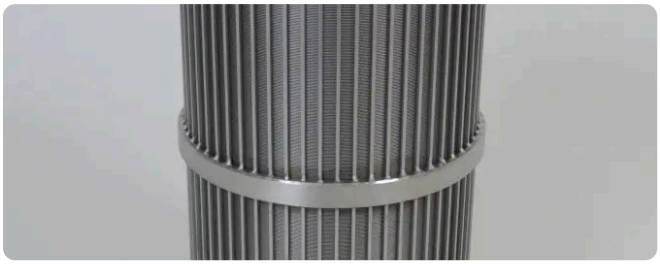
PLANT OR EQUIPMENT	SIMO SCREENS PRODUCT
Stock preparation pressure screens	Pressure screen baskets
Thickeners and dewatering presses	Rotary drum screens, Screw press screens
White water fibre recovery	Sieve bend (DSM) screens

ENGINEERED TO ORDER

Our engineers start from your drawing, process data or the screen being replaced, and choose the slot, profile wire, support rod, flow direction and alloy to suit. Every screen is resistance welded, fabricated and inspected at our works in MIDC Butibori, Nagpur, under an ISO 9001:2015 quality system.

PRODUCTS

Made at our Nagpur works



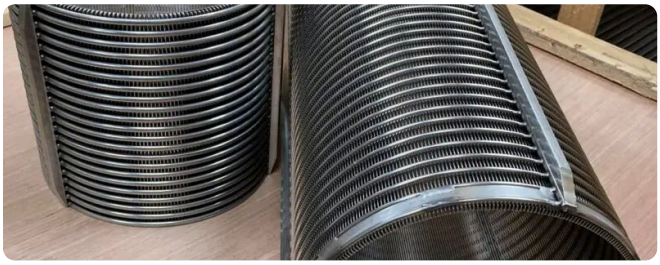
01. Pressure screen baskets

Pressure screen baskets for stock preparation and fibre recovery.



02. Rotary drum screens

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



03. Screw press screens

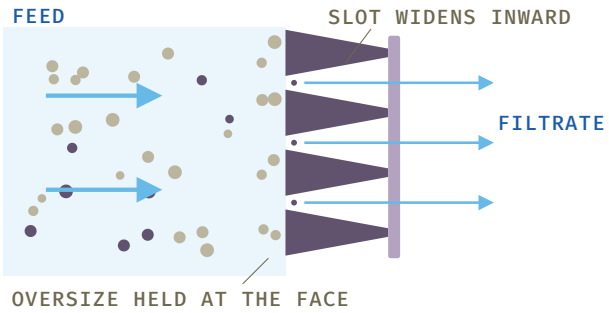
Heavily reinforced screw press screens for sludge and process dewatering.



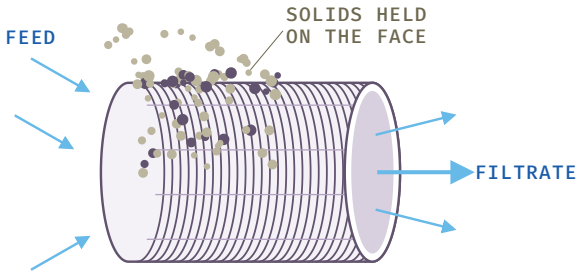
04. Sieve bend (DSM) screens

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

HOW THE SLOT WORKS



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



On a cylinder, flow passes from outside to inside and solids stay on the slot face.

FOR A QUOTATION, SEND OUR ENGINEERS

01 Equipment: pressure screen, drum thickener, drum washer, screw press or sieve bend.

02 Machine make and model, and the basket or screen drawing with dimensions.

03 Your current slot width, wire profile and rotor type.

04 Furnish (virgin, recycled or OCC) and the operating consistency.

05 Throughput and the contaminants you need to remove.

06 Problems you see today: cracking, slot wear, fibre loss or low capacity.

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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