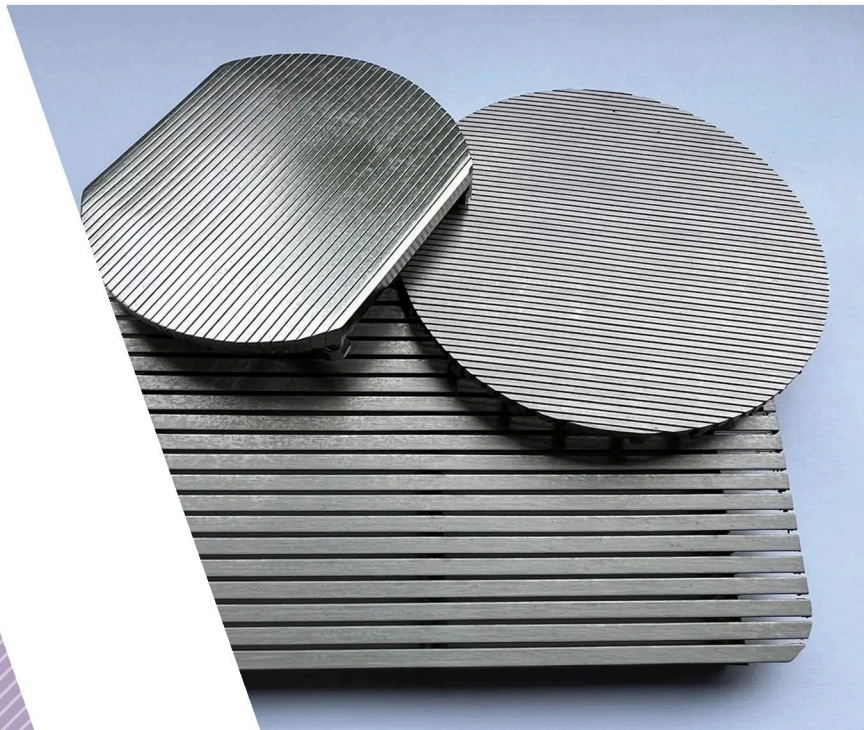
SIMO SCREENS

CHEMICALS, FERTILISERS AND PHARMA

Resin column internals, catalyst bed supports, Nutsche filter plates and centrifuge baskets.

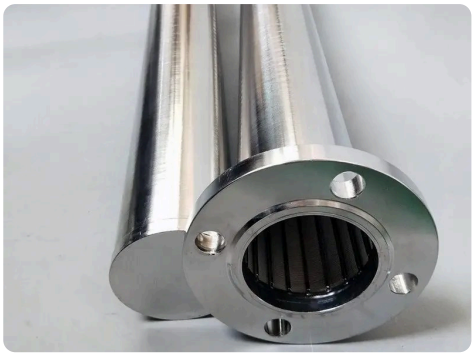
- PRECISION FILTRATION
- STRENGTH AND DURABILITY
- NON-CLOGGING OPEN AREA
- RESISTANCE WELDED
- STAINLESS AND SPECIAL ALLOYS
- ENGINEERED TO ORDER



CHEMICALS, FERTILISERS AND PHARMA

Where our screens sit in the plant

At SIMO Screens, we make resin column internals, catalyst bed supports, Nutsche filter plates and centrifuge baskets. The alloy is chosen for the chemistry, from SS 316L to Hastelloy C-276, and every order is documented.



Two stainless wedge wire resin traps, one showing the flanged inlet and internal screen.

MATERIALS	FINISH	DOCUMENTS
SS 316L to Hastelloy C-276	**Passivation on request**	**MTC with every product**

WHAT IT MEANS FOR YOUR PLANT

Alloy for the chemistry

From SS 316L to Hastelloy C-276, chosen for the medium.

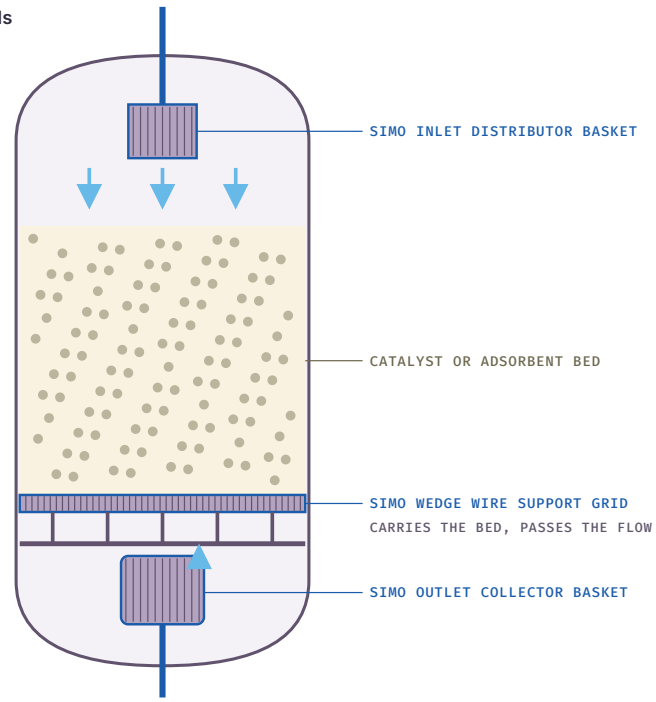
No media loss

Column internals and bed supports hold resin and catalyst at the specified slot.

Documented and clean

MTC with every product; passivation on request.

Reactor and adsorber internals

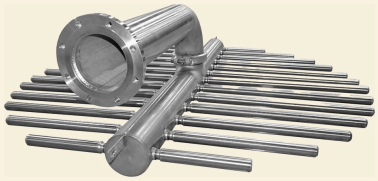


ENGINEERED TO ORDER

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. Header and hub laterals

Header, hub and lateral underdrains for ion exchange, DM and filter vessels.



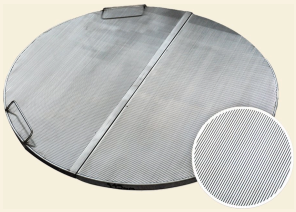
02. Filter nozzles

Stainless steel wedge wire filter nozzles for sand, carbon and multigrade filters.



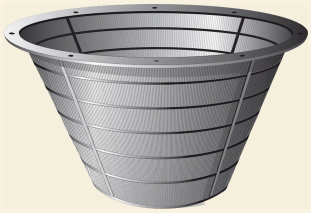
03. Resin traps

Inline wedge wire resin traps that stop escaped resin before pumps and downstream units.



04. Support grids

Support grids and bed supports for reactors, vessels and false bottoms.



05. Centrifuge baskets

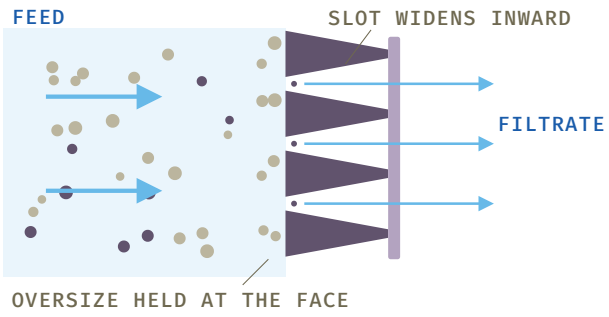
Centrifuge baskets and screens for sugar, coal, minerals and chemicals.



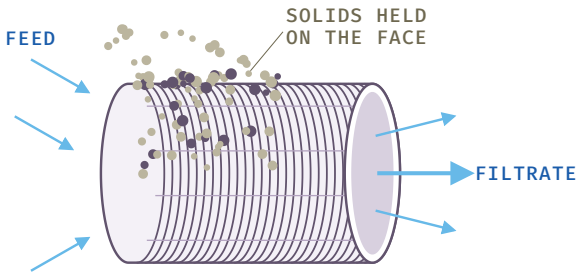
06. Flat panels and false bottoms

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

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: resin column, ion exchange vessel, reactor or absorber bed, centrifuge or Nutsche filter dryer.

02 Vessel or machine drawing with dimensions and nozzle positions.

03 Process fluid, concentration, temperature and pressure, including any chlorides or fluorides.

04 Resin, catalyst or crystal size range.

05 Flow rate and allowable pressure drop, or bed weight.

06 Material specification, or ask for a recommendation.

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

Logos are the trademarks of their respective owners and are shown to identify customers of SIMO Screens.

IS 8110:2019 · MAKE IN INDIA

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

+91 93730 08466

Phone and WhatsApp
sales@simoscreens.com
www.simoscreens.com

Works
Shed C, Plot No. 12, GSP Pyramid, Saigaon Road, MIDC Butibori, Nagpur 441122

Registered office
504 Brij Bhumi, Plot 263/264, CA Road, Near Telephone Exchange Square, Nagpur 440008

SEND YOUR SPECIFICATION

SIMO WiroTEK Private Limited (formerly SIMO Screens Private Limited) · GSTIN 27ABLCS6812M1ZQ · CIN U25993MH2023PTC410347

Perimeter fencing from our sister brand SIMO Securon · simosecuron.com