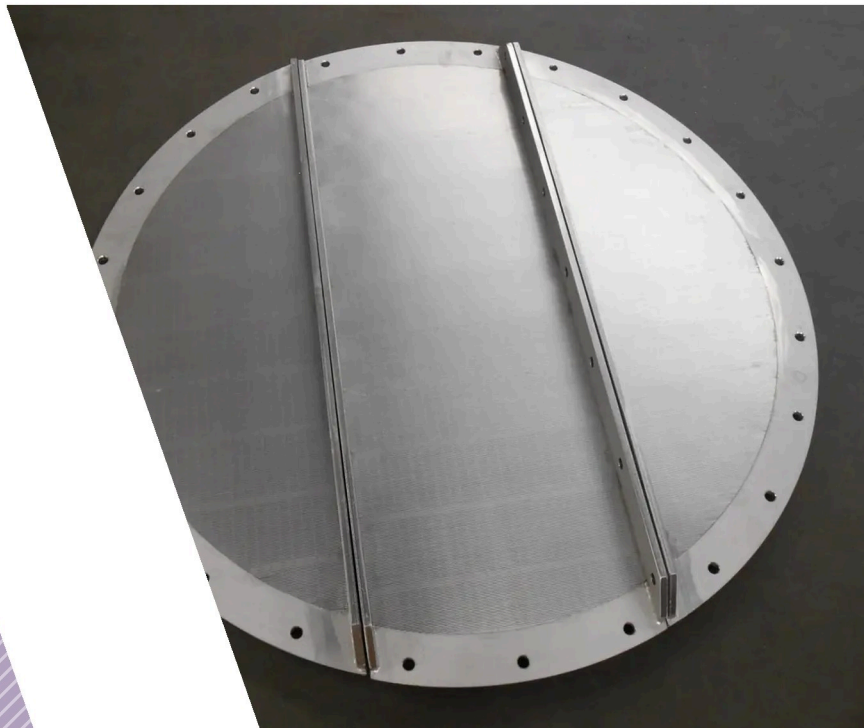
SIMO SCREENS

OIL, GAS AND PETROCHEMICALS

Reactor support grids, outlet collectors, inlet baskets and sand control screens.

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



OIL, GAS AND PETROCHEMICALS

Where our screens sit in the plant

At SIMO Screens, we engineer reactor support grids, outlet collectors, inlet baskets and sand control screens. Each internal is designed against its bed load and process conditions, segmented to pass the manway, and documented from mill certificate to dispatch.



Group of wedge wire cylinders, one fitted with a machined end flange.

CONSTRUCTION	MATERIALS	TESTING
Resistance welded	**SS 304 to Hastelloy C-276**	**DP and PMI on request**

WHAT IT MEANS FOR YOUR PLANT

The bed stays in place

Support grids and outlet collectors are designed against bed load and process conditions.

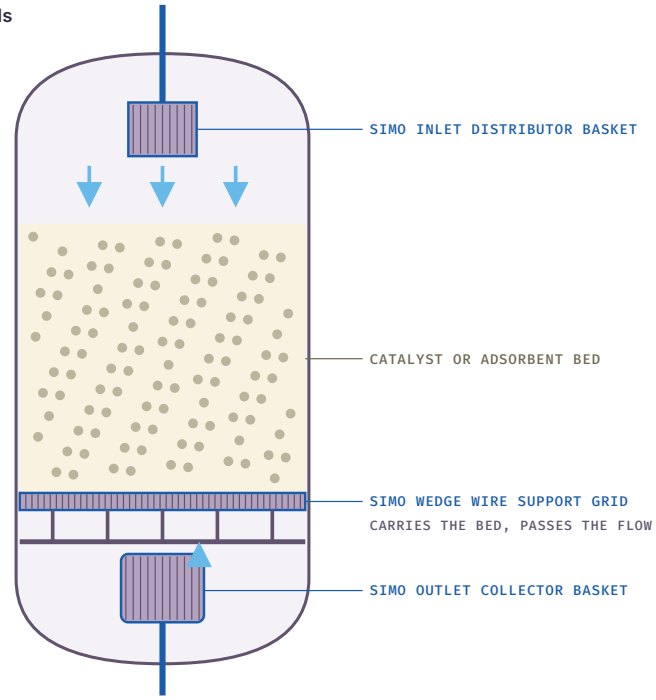
Through the manway

Internals are segmented for manway entry, so they go in within the turnaround window.

Documented

Mill certificate to dispatch, with dye penetrant testing and PMI 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.

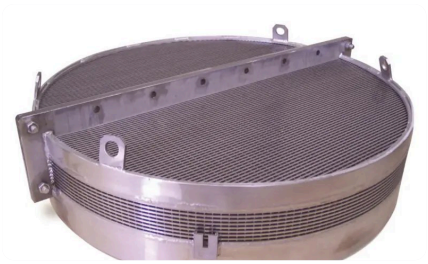
PRODUCTS

Made at our Nagpur works



01. Support grids

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



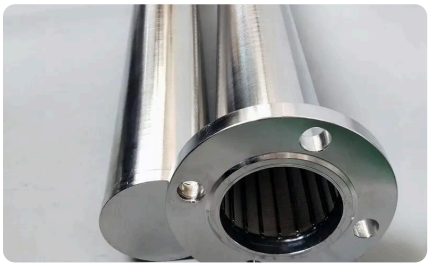
02. Outlet baskets and collectors

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



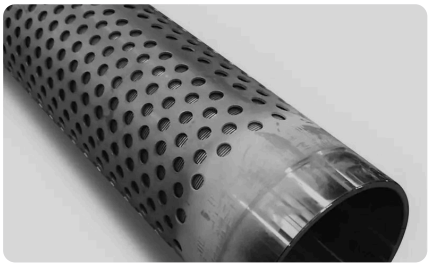
03. Screen cylinders

Wedge wire screen cylinders, inside or outside profile, built to drawing.



04. Resin traps

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



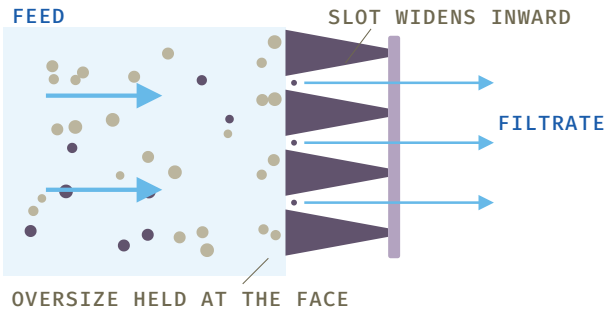
05. Sand control screens

Wire-wrapped and pre-packed screens on perforated base pipe for wells.

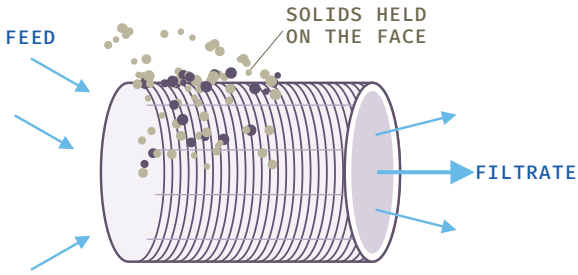
Something else?

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

FOR A QUOTATION, SEND OUR ENGINEERS

01 Equipment: hydroprocessing reactor, adsorber, molecular sieve drier or process line.

02 Vessel drawing with inside diameter, manway size, nozzle positions and existing internals.

03 Design pressure, design temperature and flow direction.

04 Catalyst or adsorbent type and size, and any ceramic ball or support media.

05 Bed weight or bed depth, and the allowable pressure drop.

06 Material specification and any licensor or project specification.

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