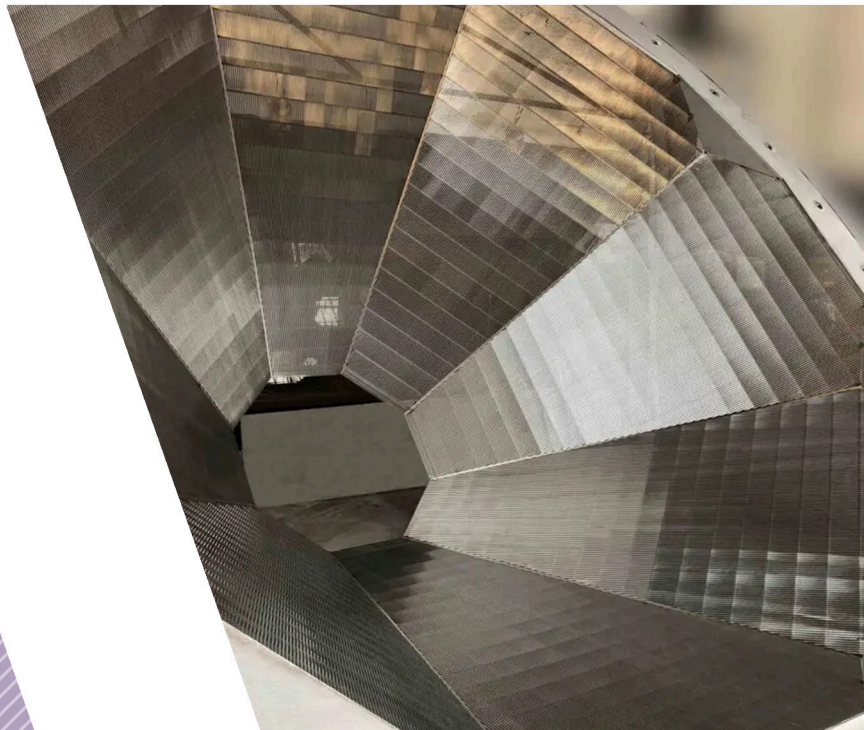
# SIMO SCREENS

## BREWING, MALTING AND BEVERAGES

**Lauter tun false bottoms, malt kiln floors and brewery water internals in stainless steel.**

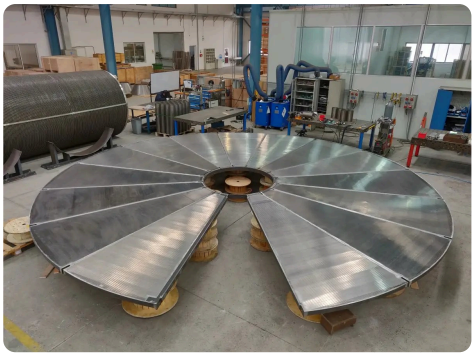
- PRECISION FILTRATION
- STRENGTH AND DURABILITY
- NON-CLOGGING OPEN AREA
- RESISTANCE WELDED
- STAINLESS AND SPECIAL ALLOYS
- ENGINEERED TO ORDER



BREWING, MALTING AND BEVERAGES

# Where our screens sit in the plant

At SIMO Screens, we make lauter tun false bottoms, malt kiln floors and brewery water internals in stainless steel. Segments are built flat to within 1 to 2 mm for rake clearance, and replacements are made from a sample, a drawing or a site visit to fit the tun as it stands.



Circular wedge wire floor made of tapered segments being assembled in a workshop.

| FALSE BOTTOM SLOT | FLATNESS | MATERIAL |
|---|---|---|
| 0.7 mm typical | 1 to 2 mm | SS 304 and SS 316L |

## WHAT IT MEANS FOR YOUR PLANT

### Fast

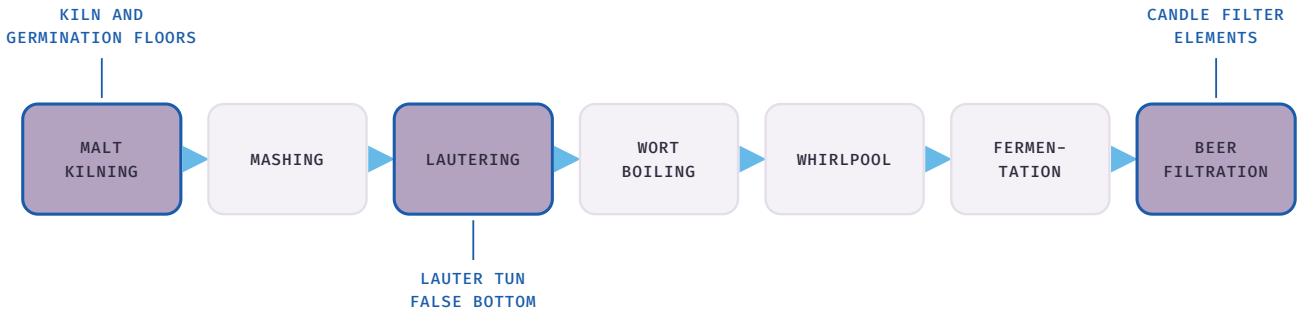
clear run-off, False bottoms with a continuous slot and high open area for lautering.

### Flat for the rakes

Segments built flat to within 1 to 2 mm for rake clearance.

### Replacement to fit

Segments made from a sample, a drawing or a site visit to fit the tun as it stands.




Highlighted stages use SIMO wedge wire.

## SELECTION

| PLANT OR EQUIPMENT | SIMO SCREENS PRODUCT |
|---|---|
| **Lauter tun and mash tun** | Flat panels and false bottoms, Support grids |
| **Malt steeping, germination and kiln floors** | Flat panels and false bottoms |
| **Beer filtration (precoat candle filters)** | Candle filter elements |
| **Brewery water** | Header and hub laterals, Filter nozzles, Resin traps |

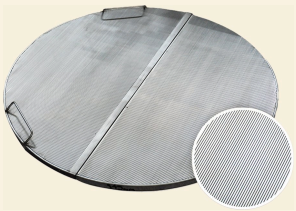
PRODUCTS

# Made at our Nagpur works



### 01. Flat panels and false bottoms

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



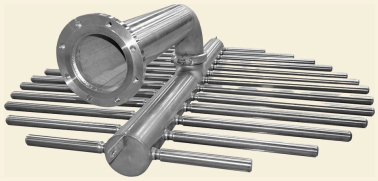
### 02. Support grids

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



### 03. Candle filter elements

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



### 04. Header and hub laterals

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



### 05. Filter nozzles

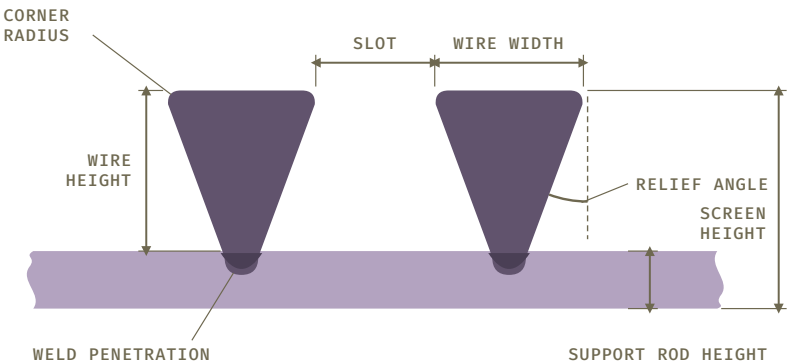
Stainless steel wedge wire filter nozzles for sand, carbon and multigrade filters.



### 06. Resin traps

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

## STANDARD WELDED CONSTRUCTION




**Slot** is set at the face, where it is narrowest, and held to plus or minus 5 percent.

**Relief angle** opens the slot behind the face, so particles cannot lodge.

**Weld penetration** joins each wire to every support rod, so the screen works as one structure.

## FOR A QUOTATION, SEND OUR ENGINEERS

01 Equipment: lauter tun, mash tun, steeping tank, germination floor, kiln floor, candle filter or water treatment vessel.

02 Vessel drawing or GAD with inside diameter or floor dimensions, manway size and support positions.

03 Batch size or bed depth, and the grain or malt load on the floor.

04 Your current slot size or false bottom type, and any run-off or cleaning problem you see today.

05 For candle filters: candle length, diameter, tube sheet connection and quantity.

06 Material preference and the CIP chemicals you use.

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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