



YUBO SCREEN

Your solution, our innovation



Food and Beverage



YUBO FILTRATION

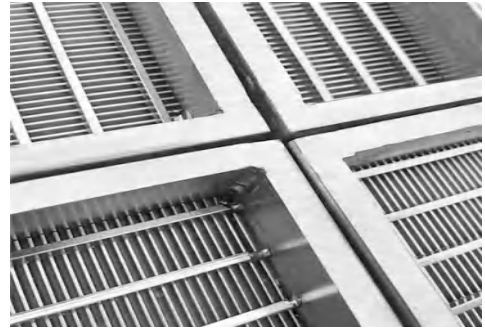
YUBO SCREEN

BREWERY

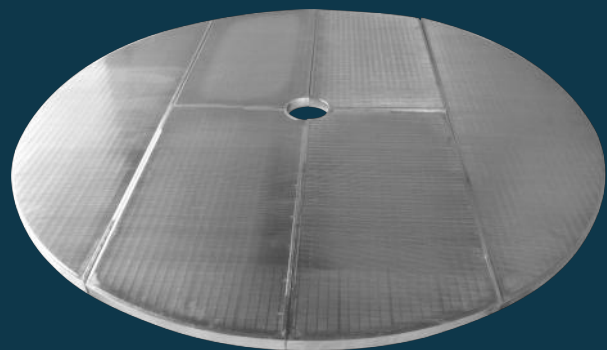
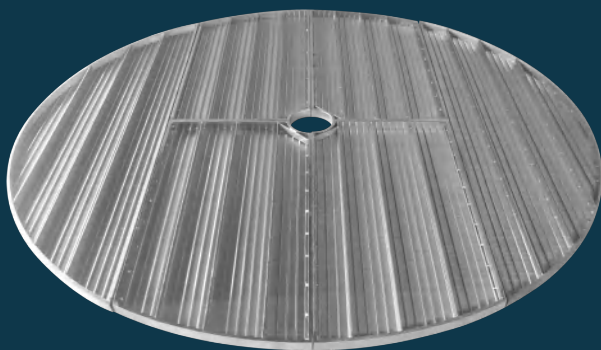


Lauter Tun Screens

YUBO manufactures lauter screens for breweries, distilleries, and wineries, vital for the lautering process. Made from high-quality stainless steel wedge wire, with customizable or standard slot sizes and configurations, our screens ensure strength, reliability, and performance in this critical stage of production.



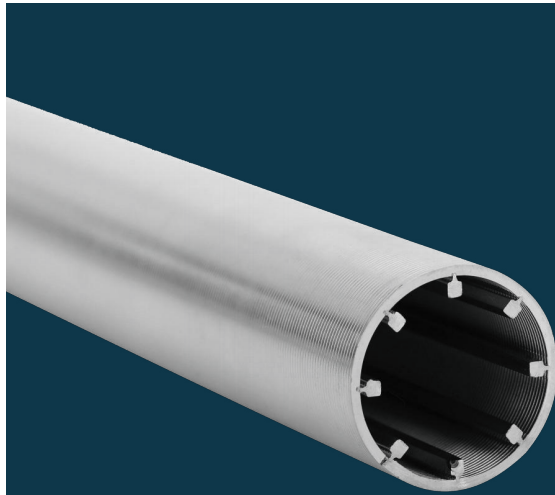
The lauter tun wedge wire screen uses the solid particles in the mash as a filtering medium to separate the wort. While the slots in the false bottom don't directly filter, they support the grain, allowing it to perform the filtration by trapping small solids and letting the wort pass through. High-quality, precise construction ensures a uniform and efficient filtration process, preventing unwanted components from affecting the quality of beer, liquor, or wine.



YUBO's lauter tun screens are designed with a high open area, ensuring optimal wort extraction efficiency. They can be fabricated as a single unit or modular sections, allowing for effortless installation and removal through service doors and manways, enhancing both convenience and operational flexibility.

Candle Filter

Candle filters are widely used in the brewing industry for fine filtration and impurity removal, ensuring product purity and quality. Key applications include:



- **Beer Filtration:** Removes yeast, bacteria, and particles, ensuring clarity and stability.
- **Wine Filtration:** Improves clarity and taste by removing suspended solids and impurities.
- **Juice Filtration:** Clears solid impurities, enhancing purity and appearance.
- **Liquid Refining:** Used in refining spirits and distilled alcohol, ensuring purity.
- **Microbial Control:** Reduces contamination risk, improving stability and shelf life.



YUBO manufactures high-quality candle filters for customers and also offers design services, providing customized solutions based on specific operational conditions.



SUGAR

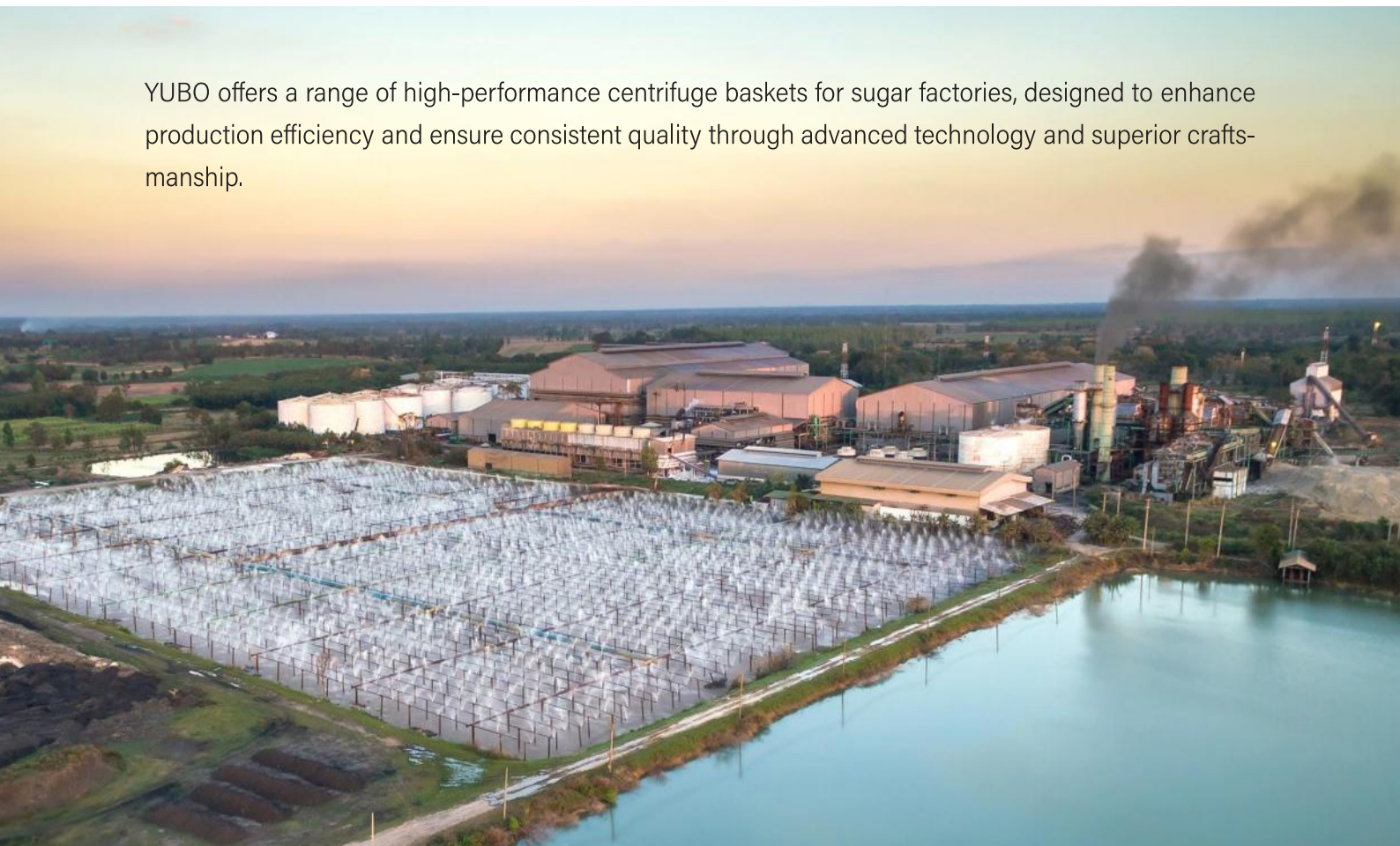
Centrifuge Basket

In sugar production, the centrifuge basket is essential for separating molasses, the residual liquid after sugar extraction. Its key roles include:

- **Molasses Separation:** It further separates sugar from molasses, increasing recovery after extraction and filtration.
- **Optimizing Sugar Extraction:** Through rapid rotation, it separates solid particles and sugar from the liquid, improving juice purity and refining efficiency.
- **Boosting Efficiency:** It enhances molasses separation, reduces sugar loss, and improves production throughput.



YUBO offers a range of high-performance centrifuge baskets for sugar factories, designed to enhance production efficiency and ensure consistent quality through advanced technology and superior craftsmanship.



Filter Nozzle

In the sugar industry, filter nozzles are widely used in the filtration of liquids, particularly in the purification of sugar juice and syrup. Their main functions include:

- **Sugar Juice Filtration:** Filter nozzles remove impurities and solid particles from sugar juice after extraction, improving the purity for further processing.
- **Lime Water Filtration:** They filter out sediment in lime water used to neutralize acidic impurities, ensuring cleaner sugar liquid.
- **Efficient Cleaning:** Filter nozzles are used for cleaning equipment and pipelines by spraying high-pressure liquid to remove accumulated sugars and impurities.
- **Sugar Refining:** During refining, filter nozzles remove fine solid particles, ensuring clear and high-quality final products.
- **Water Treatment:** They are used in wastewater treatment to remove contaminants and meet environmental standards for water reuse.

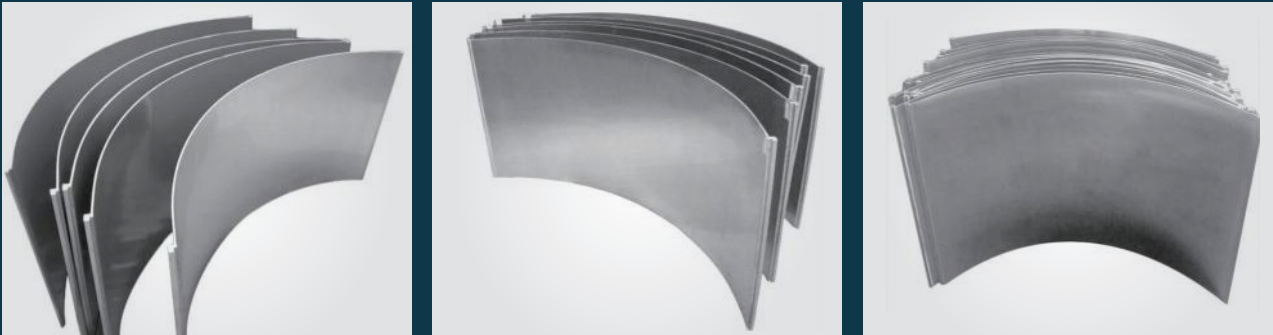


YUBO manufactures a variety of filter nozzles, with specifications and materials customizable to meet the specific needs of users.

STARCH



Pressure Screen

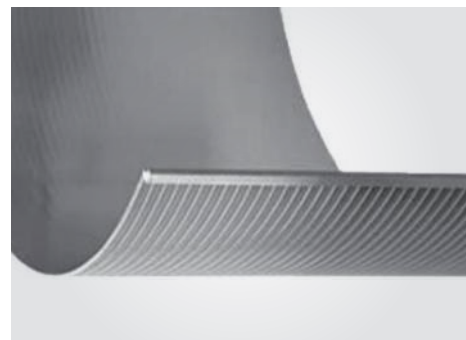


Pressure screens are primarily used in starch production for liquid filtration, removing impurities to ensure the purity and quality of the starch slurry. Key applications include:

- **Slurry Filtration:** Removes insoluble impurities like fibers and proteins from the starch slurry, ensuring clean starch for further separation and drying.
- **Improved Starch Recovery:** Effectively removes impurities, reducing waste and increasing starch yield.
- **Enhanced Starch Quality:** Removes residual impurities, improving starch purity and transparency to meet high industry standards.
- **Water Reuse:** Filters suspended solids from wastewater, ensuring clean water for recycling, reducing production costs and environmental impact.
- **Improved Efficiency:** High-efficiency filtration reduces blockages and equipment wear, boosting production line stability and performance.

Features of YUBO pressure screen:

- **Double Service Life:** YUBO offers option of reversible screen. Wear is concentrated on the top, and with reversible screens, users can easily flip the screen to extend its life.
- **Precise Slot Accuracy:** YUBO guarantees excellent slot precision, ensuring optimal fiber filtration.



Gravity Screen

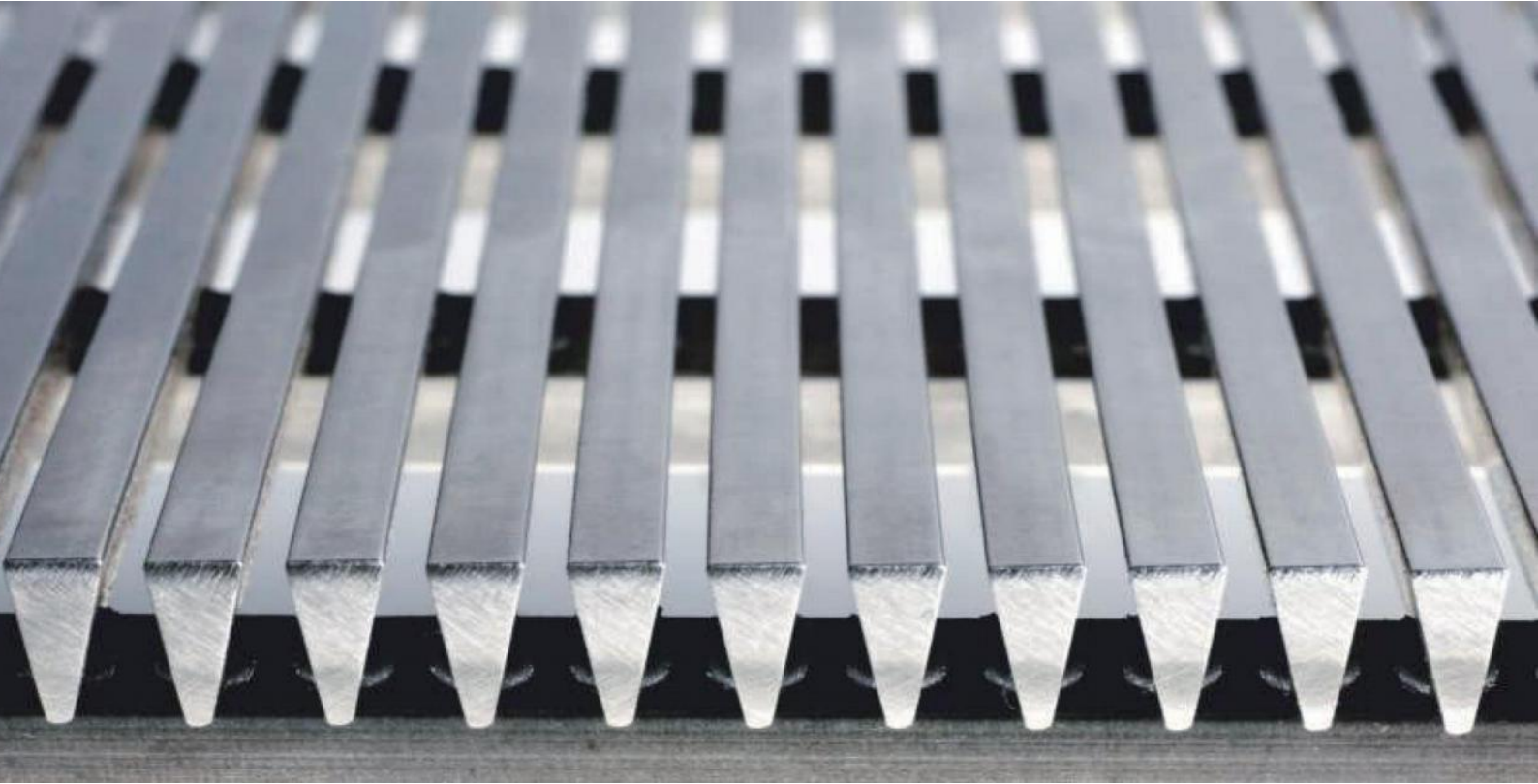
In the starch industry, gravity screens are mainly used to separate and remove impurities and unwanted particles during the starch production process. Utilizing the principle of gravity, they separate materials of different densities through natural settling. Key applications include:

- **Impurity Removal:** Removes large impurities like soil and stones to improve starch purity and product quality.
- **Preliminary Screening:** Screens raw materials before further processing, enhancing efficiency and reducing equipment load.
- **Moisture Separation:** Helps separate excess moisture and insoluble solids, improving slurry quality and dewatering efficiency.



YUBO offers custom design and manufacturing of gravity screens for customers, including the screen plates and the main equipment.

Wedge Wire Screen



YUBO provides a diverse range of wedge wire screens for particle separation, dewatering, classification, and various mineral processing applications. The strong construction of each screen is ensured by welding at every intersection of surface wire and internal support rods.

YUBO provides screens customized with fine wires and rods for precise screening or with larger wires and rods for heavy-duty operations. Welded wire screens utilize a V-shaped surface wire profile, creating inward-enlarging slots that minimize particle contact points, reducing the likelihood of pegging.

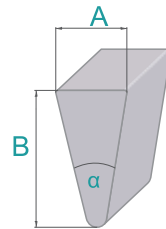
Technical Parameters

Working profiles

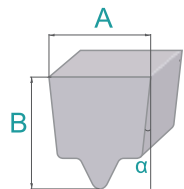
Type	A (mm)	B (mm)	α (°)	β (°)
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Type Sb

Sb 6	0,50	1,20	12	
Sb 8	0,60	1,20	22	
Sb 10	0,75	1,30	20	
Sb 12	1,00	2,00	20	
Sb 18	1,50	2,50	23	
Sb 22	1,80	3,70	23	
Sb 28	2,20	4,50	23	
Sb 34	2,80	5,00	23	
Sb 42	3,40	6,50	23	
Sb 60	4,00	9,00	20	
Sb 70	5,00	10,00	24	
SbA 50	5,00	6,00	40	



Sb 55*	5,00	5,50	6	
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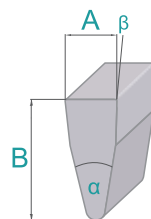


*Sb 55

Other dimensions available on a special request

Type Sbb

Sbb 34	2,20	5,00	23	4
Sbb 38	2,50	4,00	40	5
Sbb 42	2,80	6,50	23	4
Sbb 48	3,40	6,00	70	4
Sbb 50	3,50	8,00	23	4
Sbb 76	5,00	10,00	23	5
2,4 x 5	2,40	5,00	23	0
3 x 6,5	3,00	6,50	23	0



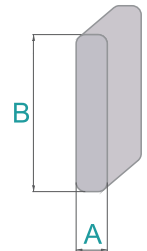
Special working wires separate highly abrasive materials. During their service the slot size does not increase considerably along with the abrasion of working surface. They are ideal for cylinder and conical sieves used in vibrating centrifuges. They increase the sieve's life span together with preventing clogging.

Support profiles

Type	A (mm)	B (mm)
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Type I

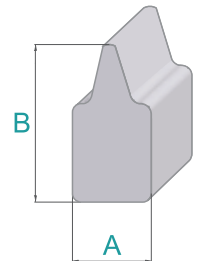
I 10 x 3	3,00	10,00
I 10 x 2	2,00	10,00
I 12 x 3	3,00	12,00
I 15 x 3	3,00	15,00
I 18 x 2	2,00	18,00
I 20 x 2	2,00	20,00
I 30 x 2	2,00	30,00
I 38 x 3	3,00	38,00



Other dimensions available on a special request

Type Q

Q 25	2,00	3,00
Q 35	3,00	5,00
Q 55	4,00	8,00

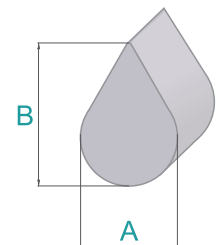


Other dimensions available on a special request

Type D

D 45	3,8	5,6
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Other dimensions available on a special request





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Hebei YUBO Filtration Equipment Co.,Ltd.

No. 106-1 Yuhua Road, Yuhua District, Shijiazhuang City, Hebei Province, China

+86 (0)311 8595 5658

Sales@uboscreen.com

www.uboscreen.com