

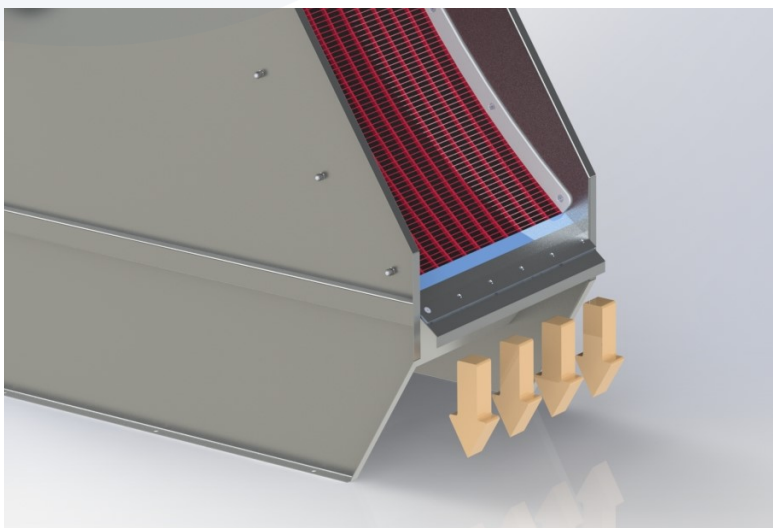
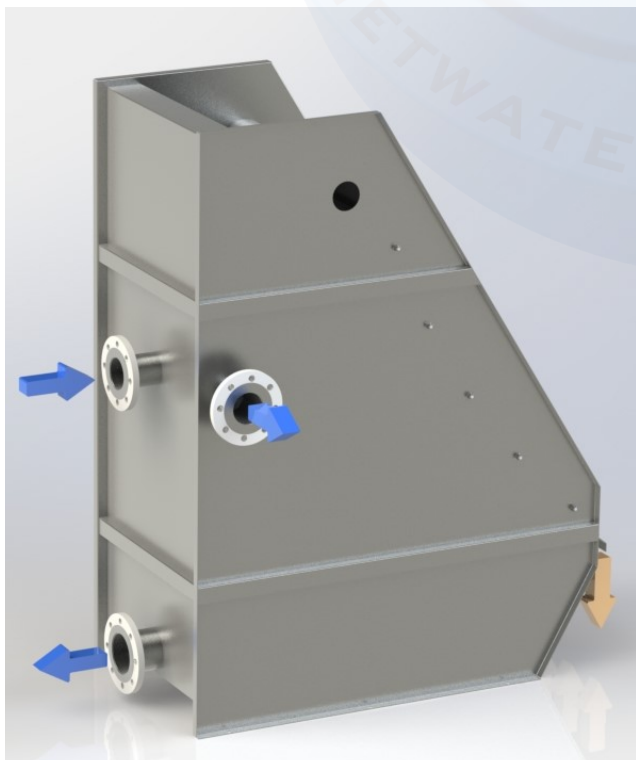
STATIC FINE SIEVE FOR A THROUGHPUT OF UP TO 230m³/h

CHARACTERISTICS

- High solids holding capacity.
- No submerged mechanisms or moving parts.
- Compact chassis design.
- Johnson mesh filtration screen.
- Easy access and economical maintenance.

TECHNICAL DATA

Maximum flow rate	230m ³ /h
Passing light Johnson Mesh	From 0.1 to 2mm
Equipment width	From 300 to 1800
Material	Aisi-304L / Aisi-316L/ Super Duplex UNS 32750



02

MAIN COMPONENTS:

1.-BACKGROUND

Welded monobloc type.

2.-INLET/ OUTLET CHAMBER

Made of sheet metal welded to the frame.

3.-FILTER GRILL

Its construction can be with electro-welded triangular profile, the grille assembly is completely dismountable, fixed with screws.

4.-WASTE EXPELLING SCRAPER

The scraper is located in the discharge area of the static sieve.

5.-SEALING SYSTEM

These are pieces of plastic material screwed to the sides of the frame, which guarantee the watertightness between the filtration grid and the side of the frame.

6.-INLET PIPES

Duct through which the water to be treated enters.

7.-OUTLET PIPES

Duct through which the filtered water exits.

8.-SAFETY OR OVERFLOW PIPES

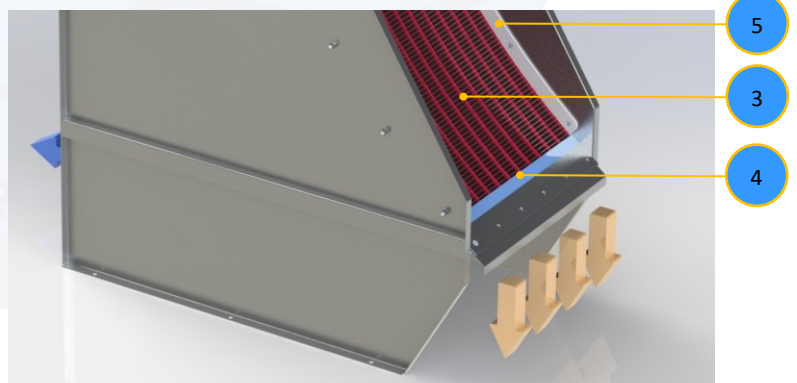
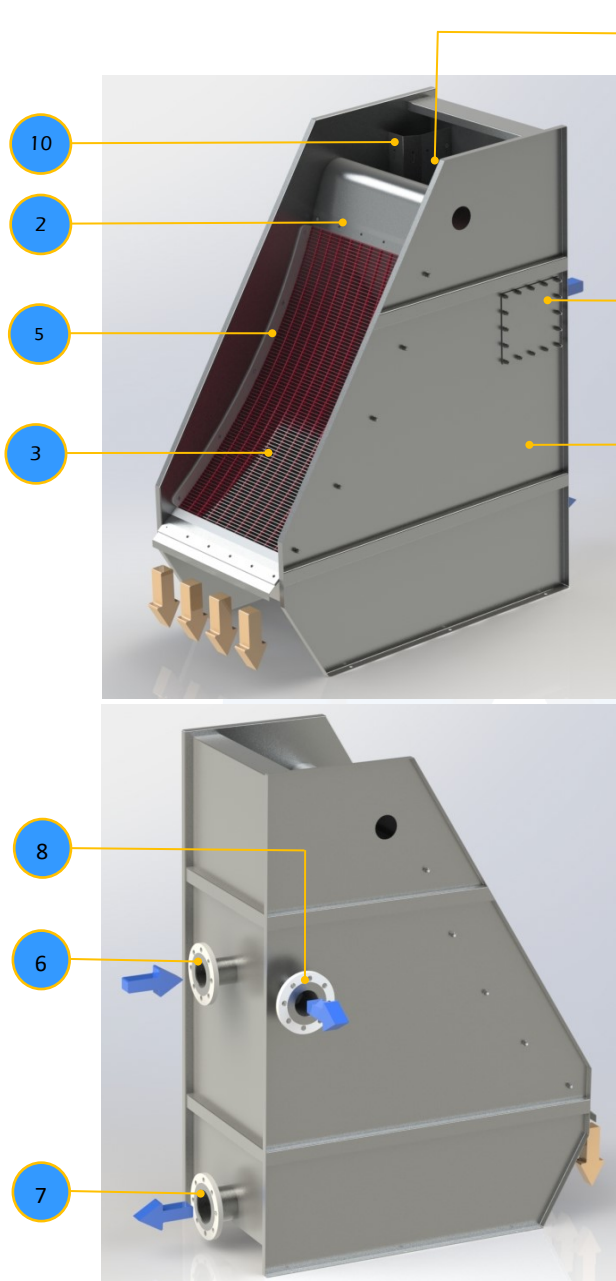
Duct for the excess water to be treated.

9.-MAINTENANCE REGISTER COVER

Access for maintenance in the inlet chamber.

10.-OVERFLOW PIPE REGULATION SPILLWAY

Water level regulation before the water overflows through the safety pipe.



EASY OPERATION:

- The water with suspended solids to be treated is pumped or gravity fed to the screen.
- The sieve inlet chamber is filled for X amount of time, until a laminar overflow occurs in which the discharge slides smoothly through the filter mesh.
- In this sliding of the water with solids in suspension, it passes through the mesh (most of it in its first section), with the solids being retained on the surface of the mesh and falling towards the lower part, draining until it comes out of the sieve. The filtered water falls into the outlet chamber of the sieve and is evacuated by gravity through a pipe.

APPLICATIONS:

- ◆ ScreenTech® Nw71 static screens are used in a wide range of wastewater pretreatment applications in a wide variety of industries.
- ◆ Their performance is optimal in applications where no grease is present.
- ◆ Higher dryness can be achieved with this type of static sieve than with rotary sieves.

Fields of application for static sieves:

- Meat and food processing
- Fruit and vegetable washing
- Wine production.
- Fish processing and cleaning
- Dairy and cheese
- Plastic recycling and washing
- Canneries

Table of flow rates in m3/h, according to model and sector:

Feed water type	Passage light (mm)			Nw71.3	Nw71.6	Nw71.9	Nw71.12	Nw71.15	Nw71.18
	0.15	0.2	0.3						
Pulp recovery	0.15	0.2	0.3	5-10	15-20	20-30	30-45	35-55	45-65
Textile dyeing effluent	0.5	0.75		10-15	25-35	40-50	55-70	70-90	85-110
Laundry effluent	0.5	0.75		10-15	25-35	40-50	55-70	70-90	85-110
Fruit/vegetable effluent	0.5	0.75	1.00	10-20	25-40	40-55	55-75	70-95	85-115
Paper mill effluent	0.5	1.00	1.50	10-20	25-40	40-55	55-75	70-95	85-115
Fish processing effluents	0.75	1.00	1.50	10-20	25-40	40-55	55-75	70-95	85-115
Chicken slaughterhouse effluent	0.75	1.00	1.50	15-20	30-40	50-65	68-85	85-110	100-130
Surface waters	0.75	1.00	1.50	20-35	50-65	80-100	100-135	135-165	160-200
Waste waters	1.00	1.50	2.00	15-20	30-40	50-65	65-85	85-110	100-130

Note: The flow rates indicated are in m3/h, depending on the main characteristics of the effluent, such as: Solids concentration, viscosity, temperature, etc....

EQUIPMENT:

Standard

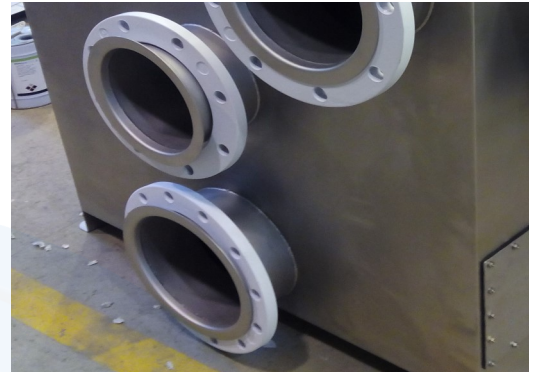


Optional



FRAME:	EQUIPMENT
AISI-304 Material	<input checked="" type="checkbox"/>
AISI-316 Material	<input type="checkbox"/>
Bridas de Conexión ISO/ANSI	<input checked="" type="checkbox"/>
Tapas de Inspección cámara de entrada	<input checked="" type="checkbox"/>
Tubería de rebose o seguridad	<input checked="" type="checkbox"/>
Puntos de anclaje	<input checked="" type="checkbox"/>
Acabado granallado de 125-250µm Microesferas B60	<input checked="" type="checkbox"/>
FILTER GRILLE:	EQUIPMENT
AISI-304 Material	<input checked="" type="checkbox"/>
AISI-316 Material	<input type="checkbox"/>
Johnson triangular profile mesh	<input checked="" type="checkbox"/>
CERTIFICATES:	EQUIPMENT
CE Certificate	<input checked="" type="checkbox"/>
Origin Certificate	<input type="checkbox"/>
Quality Certificate	<input checked="" type="checkbox"/>
Materials Certificate	<input type="checkbox"/>
Welding Certificate	<input type="checkbox"/>
Specific Hydraulic Certificate	<input type="checkbox"/>
OTHERS:	EQUIPMENT
Fumigated box packaging	<input type="checkbox"/>
Shrink wrapping	<input checked="" type="checkbox"/>
Transport containers	<input type="checkbox"/>
Lifting structure	<input type="checkbox"/>
Compactor Conveyor CompaqTech®Nw90	<input type="checkbox"/>
DOCUMENTATION:	EQUIPMENT
Operating manuals in specific language	<input checked="" type="checkbox"/>
ISO Standard Documentation	<input type="checkbox"/>

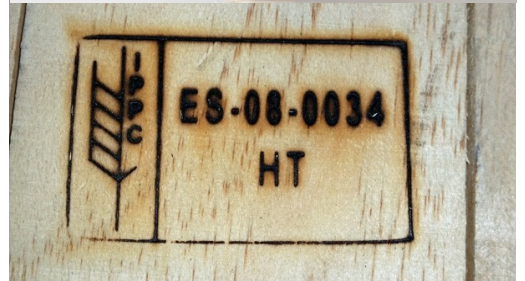
☒ Connecting flanges ISO/ANSI type



☒ Waste removal scrape



☐ Packing in fumigated box



NOTES:

- Optional equipment carries a surcharge over the standard product. If you have any questions, please contact our technical department.
- The standard and optional equipment may vary slightly due to normal product development by the NETWATER TECHNOLOGY technical team.
- When placing your order, please ask for your equipment specifications.
- You can find more specific values on our website: www.netwater.es



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