



SLIT SAVER®

Solid-liquid oval plate separator

A unique revolutionary screen



C.C. KENDENSHA CO., LTD.



Certificate of Commendation

Oval-Plate Solid-Liquid Separator “SLIT SAVER”

For the excellence in quality and performance of “SLIT SAVER”, which you researched and developed, and its great contribution to environmental protection and promotion of environmental preservation devices.

The 43rd Excellent Environmental Equipment Awards
sponsored by

The Japan Society of Industrial Machinery Manufacturers

The 21st of June, 2018

Satoshi Miyamoto

Commissioner of The Small and Medium Enterprises Agency

A unique revolutionary screen

Solid-liquid oval plate separator

SLIT SAVER®

Patented

No noise or vibrations achieved through our unique principles.
Solid-liquid separator for environmental-friendly primary processing.

Feature

The clog-free slits makes reverse cleaning unnecessary

Continuous solid-liquid separation of raw liquid and self cleaning are performed at the same time by rotation of the contiguous placed oval plates between the slits.

Stable treatment capacity

Constant cleaning of the screening part prevents reduction in the treatment capacity due to clogging.

Large transfer capacity

The separated solid is automatically transferred by rotation of a group of oval plates.

Easy maintenance

Simple structure makes maintenance easy.



Under test operation



Reverse cleaning not required!

Outstanding performance for any solid-liquid separation!

The best possible performance is achieved by changing the slit width or materials depending on the purpose or the matter to be treated.

Representative products



"Slit saver"

Solid-liquid oval plate separator.
This is our anchor product and Solves
a variety of environmental issues.



"Clean saver"

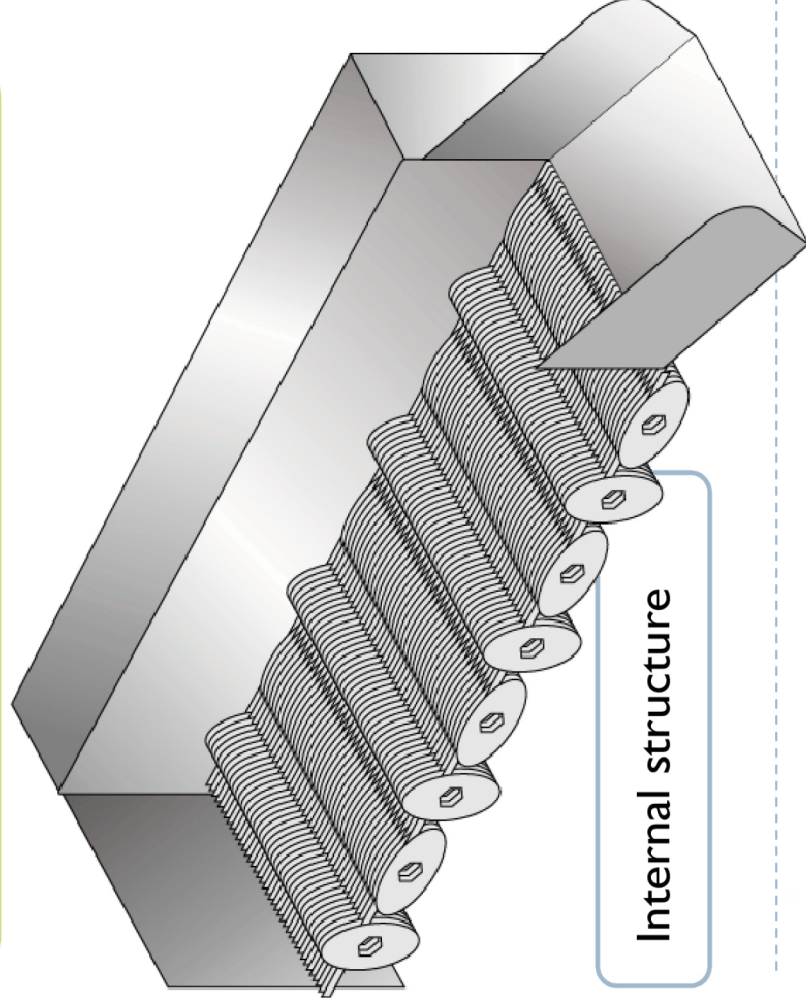
Contamination water Treatment
system with an adopted Slit saver.

Slit Saver



Feature

The solids and liquids are separated when they flow on a group of rotational oval plates and solids are transferred as well.



Internal structure

The comparison with other companies' models

Conventional screen

- ① Clean up several times in a day because of clogging.
- ② Personnel costs are necessary for reverse cleaning.
- ③ Large space is needed for bigger machines.
- ④ Oil decreases efficiency of machine.

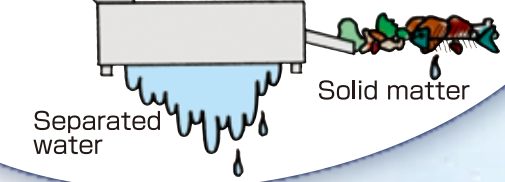
Slit Saver

- ① Rotation of the oval plates between the slits prevents clogging.
- ② Reduces personnel expenses because of reverse washing-free.
- ③ It's compact and helps save space.
- ④ Automatic cleans oil deposits.

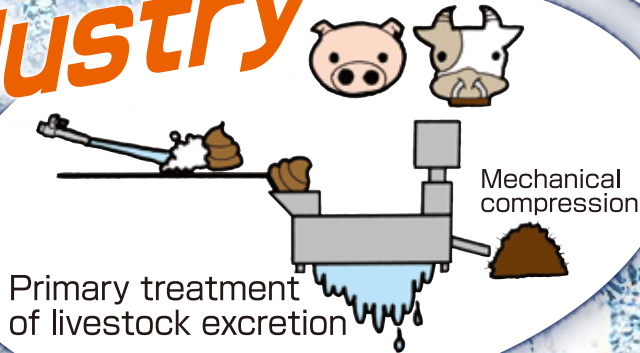
Use example of SLIT SAVER®

Food

Leftover food treatment
in facilities such as school
meal provider/Treatment of
wastewater from cleaning
seafood/Disposer waste
water/crusher waste
water/Strainer for food, etc.



Livestock industry



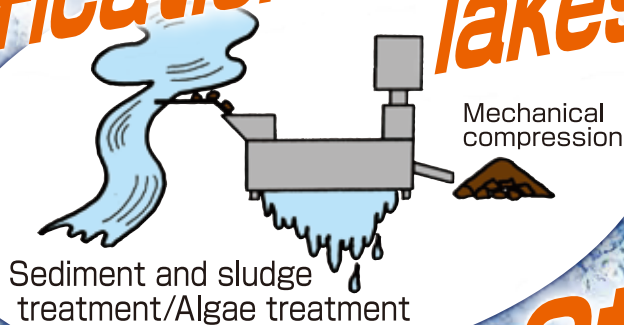
Primary treatment
of livestock excretion

Primary treatment of public sewage



Public sewage treatment
facilities/Sludge and night
soil treatment

Purification of rivers, lakes and marshes



Sediment and sludge
treatment/Algae treatment

Others



Solid-liquid separation
of waste oil/Collection
of crushed plastic scrap,
etc.

SLIT SAVER®

Introduction Example



**Shochu (Japanese spirit)
dregs waste liquid
treatment**



**Marine product
processing wastewater
treatment**



**Pig dung wastewater
treatment**

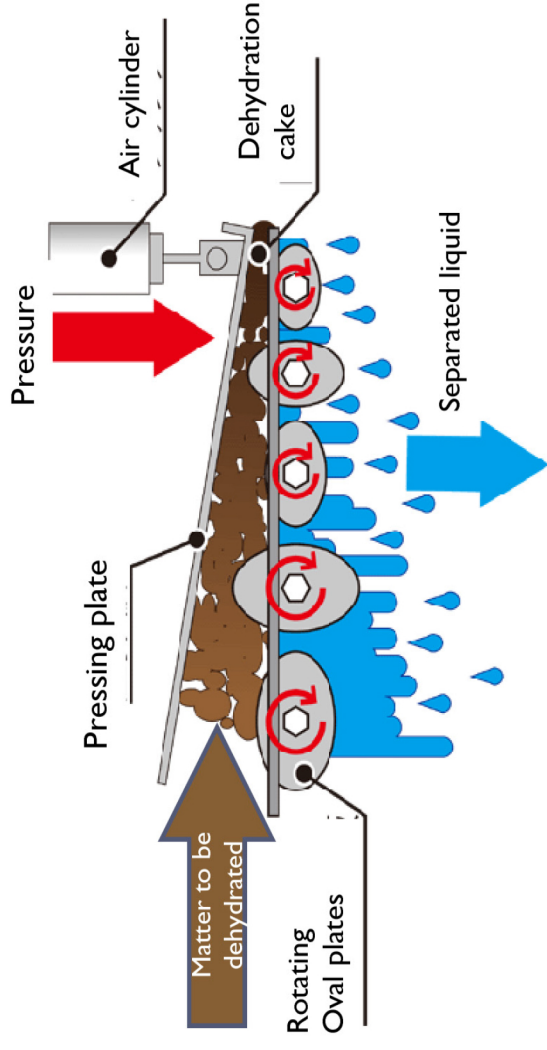


**Food residue
wastewater treatment**

Slit Saver dehydration specifications

Feature

Pressing plate added to Slit Saver can dehydrate to reduce water content ratios.



Installation example



Milk cow dung



Slit Saver dehydration specification



Dehydration cake

Adoption as a dehydrator by using strong conveyance power and compression power

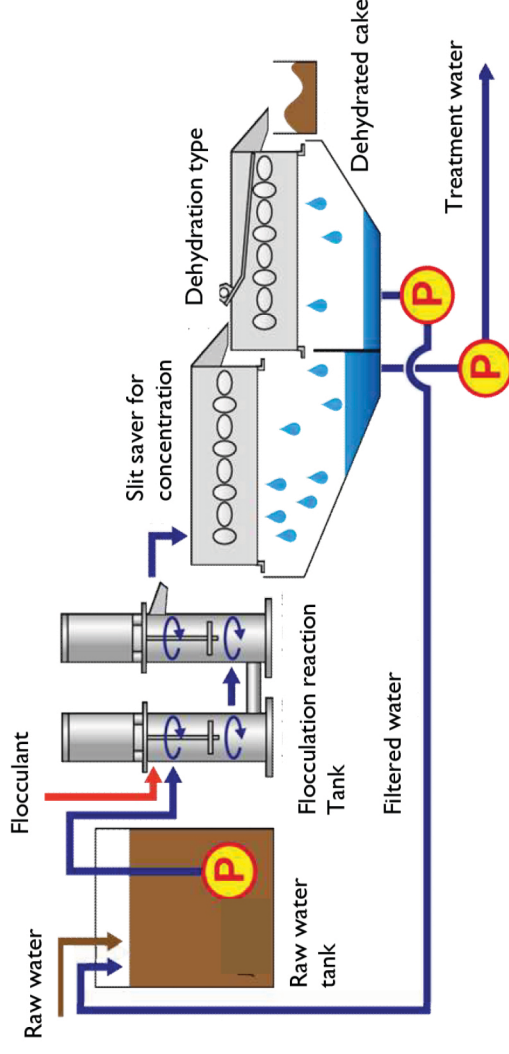
Slit Saver System (Clean Saver)



Feature

As the primary processor of waste water, It is a continuous Treatment system which is able to separate and dehydrate the waste water and can remove minute particles that cannot be removed with conventional screening equipment.

Reference flow chart



Treatment examples

Foods sanitation

- Purified water tank grime
- Kitchen wastewater from a restaurant

Livestock excretion

- Pig dung wastewater

Wastewater from various plants

- Water-based paint wastewater
- Wafer polishing wastewater
- Paint wastewater



Purified water tank grime

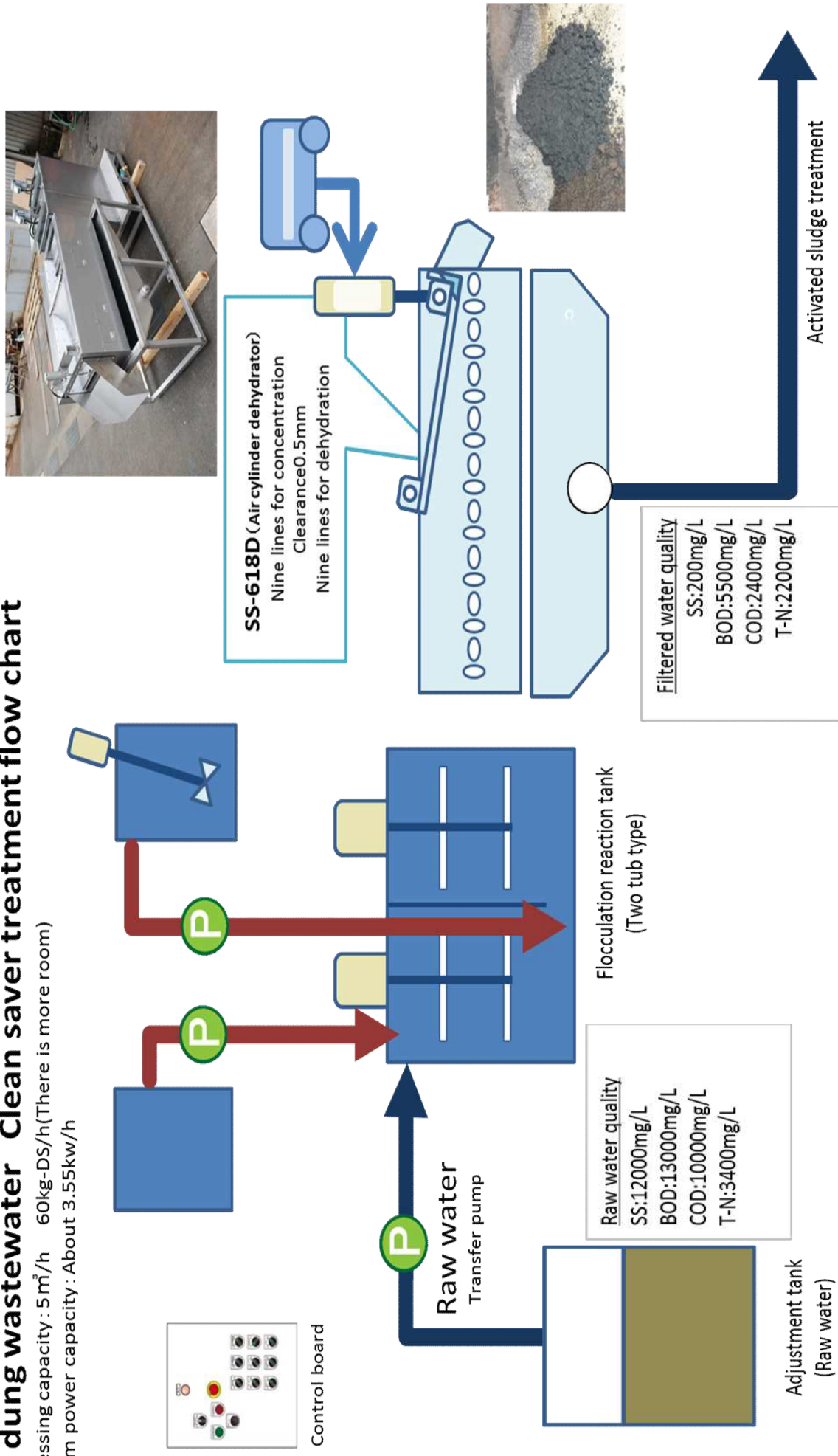


Pig dung wastewater treatment

Installation example (Pig dung wastewater)

Pig dung wastewater Clean saver treatment flow chart

Processing capacity : 5 m³/h 60kg-DS/h (There is more room)
System power capacity : About 3.55kw/h



SLIT SAVER® standard specifications list

Pitch 1.0mm

Model	Number of oval plate rows	Nominal treatment width (mm)	Treatment capacity (kg-ds/hr)	Treatment capacity(m ³ /hr) Concentration1%
SS-2.56	6	250	25	2.5
SS-312	12	300	50	5
SS-412	12	400	70	7
SS-612	12	600	100	10
SS-812	12	800	140	14
SS-1212	12	1200	200	20

SLIT SAVER® dehydration specifications list

Pitch 1.0mm

Model	Number of oval plate rows	Nominal treatment width (mm)	Treatment capacity (kg-ds/hr)	Treatment capacity(m ³ /hr) Concentration1%
SS-311D	11	300	30	3
SS-411D	11	400	40	4
SS-611D	11	600	60	6
SS-811D	11	800	80	8
SS-1211D	11	1200	100	10

The above treatment capacity is a reference value and can not be guaranteed.

Treatment capacity changes greatly with water quality



OUR BUSINESS

Solid-liquid oval plate separator "SLIT SAVER"
System for treatment polluted water "CLEAN SAVER"
Dehydrator transfer car·centrifuge

Manufacturer



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Safety Precaution

● Be sure to read the operation manual thoroughly before use to use this product correctly.

Sales Agent

● The specifications, dimensions and appearance are subject to change for improvement without notice.
● Please be noted that the color tone of the product on the catalog may appear different from that of the actual product.
● This catalog uses recycled paper.