

Sludge Vacuuming Machine

Patent granted

Sludge Vacuumer Series

Recovers sludge and floating oil from a tank rapidly.

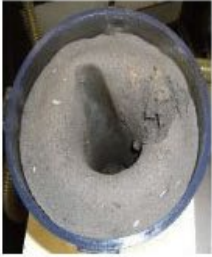
Micron-sized sludge

Deposited sludge

Abrasive grains

Polishing powder

Floating oil



Superb capacity for recovery and dewatering!

Sludge Vacuumer Series



SV-R

With one strainer

SV AUTO

With one strainer and auto-stop function

SV-101

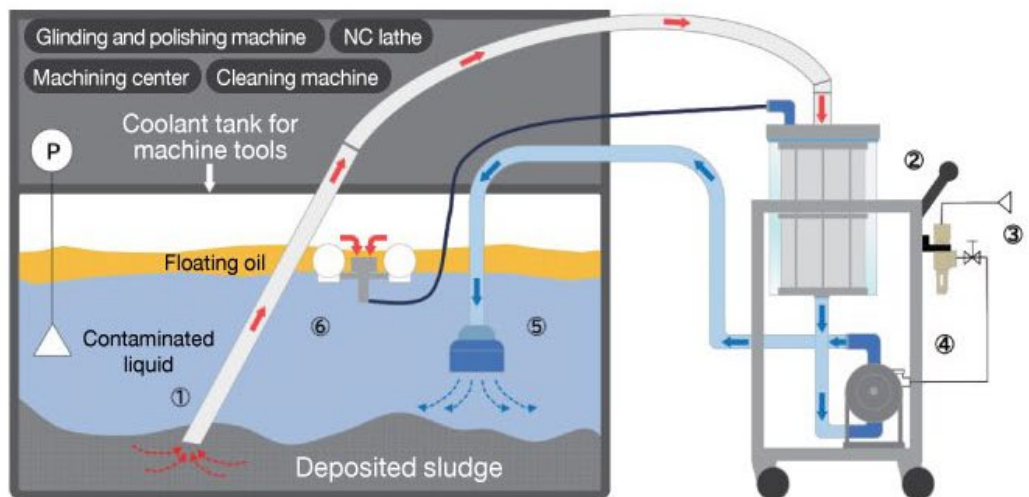
With two strainers

It stops the operation when the recovered sludge reaches to the capacity. Collection capacity: 4 liters. The smallest collectable size: 1 micron.



Dramatically improves machine tool coolant!

Simultaneous suction from the surface and in the content is possible.



- ① Suction hose and suction pipe
- ② Strainer
- ③ Air regulator/main valve
- ④ Diaphragm pump
- ⑤ Weighted return liquid hose
- ⑥ Recovery float for floating oil and suction nozzle (optional)

Patent granted Proves its superb capacity for recovery and dewatering! High in shockproof.

Various sludges (abrasive powder/aluminum/cast iron/hard alloy/magnetic/non-magnetic/resin, etc.) can be recovered.

Strainer with excellent dewatering capacity enables easy handling.

Can be used for materials that are both oil-based and water-based.

Powerful pump can recover approx. 5 liters of metal powder in just 5 minutes.

No electricity needed. Peace of mind design with air operation.

Strainer (4 types: #40~#200)

Patent granted



Can recover fine sludge, viscous sludge, and curled sludge

Suction hose and suction pipe

Patent granted

Options



Double-slit suction nozzle maintains stable posture on a liquid surface to recover floating oil.

Sludge vacuum [specification]

- Dimensions: 320(W)×840(H)×500(D)mm. • Weight (when empty): Approximately 30 kg
- Suction capacity: 50 L/min • Pumping height: 8 m. • Drive source: Air (supply pressure 0.3 MPa or higher)
- Target liquids: Oil-based/water-based/water/warm water (up to 60 °C) filtration
- Options: Liquid surface sludge suction float/liquid filtration bag filter*

ECOMore [specification]

- Dimensions: 500(W)×1200(H)×480(D)mm.
- Flow rate: Standard support for 1 to 32 L/min
- Drive source: Air (supply pressure 0.3 MPa)
- Pump: Diaphragm, maximum discharge 32 L/min
- Pumping height: 1.8 m. • Heat resistance temperature: 4 to 60 °C

Floating-oil recover machine ECOMore

Water-soluble cutting fluid, cleaning solution, quenching fluid, factory wastewater, etc. (excluding solids)
Significant odor reduction, extension of tool life, prevention of damage / blockage



Patent granted

Three-level separation tank

- Reduces oil mist
- Amazing separation rate
- Auto stop function with recovered oil
- Clean cutting fluid returns.



ECOMore main unit

Simple design
Portable
Air-driven



Great suction power of 600 L/h or more!



Double-rotation function to maintain horizontal suction.

Double-slit suction nozzle

Patent granted

- Suppresses air suction and foam formation.
- Efficiently sucks up floating oil with liquid surface tracking function.
- Strong suction capability for floating fine sludge.
- Nozzle less prone to clogging.*

Note: The returning liquid will reverse its flow if the original tank is positioned higher than the return port of ECOMore.

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