

High-performance Floating Oil Spillage Skimmer Revolutionizes Machine Tools' Operation Environment!

Environment Revolution.

Effective in the setups such as:

- ① Industrial waste liquid pit
- ② Preliminary cleaning tank for pre-paint works
- ③ Drain tank in air compressor
- ④ Water-based coolant tank in the machine tool
- ⑤ Cooling liquid tank for thermal treatment process
- ⑥ Manufacturing line or liquid pit with floating (vegetable) oil-spill/contamination, e.g. in pharmaceutical plant
- ⑦ Coolant tank for band saw equipment

Direct Suction Design improved Operation Efficiency beyond **TENFOLD!**

*vs. our conventional product



New Equipment useful in Ecologically conscious industry!

eco eit

[floating oil skimmer]

Usefulness/effectiveness reported from all over the world!

The effect of the introduction becomes visible at once!



Floating Oil Skimmers of the next generation are getting introduced in major manufacturing plants and expanding firms!

The reason why those companies have introduced ECO EIT WD-A is simple enough - so easy to operate and maintain! Moreover, the suction power ECO EIT achieves is surprisingly stronger than any of existing products; its power of suction is more than 10 times as powerful. The air-driven design eliminates necessity for electric power supply. Introduction / operation of ECO EIT does not disturb the plant operation at all.

Examples of feedback from customers: ①Cutting tool's life extended by 50%. (M Mfg. Co., Shizuoka) ②Sticky oil leak decreased and the service lid moves smoothly. (M Mfg. Co., Shizuoka) ③ECO EIT recovers fine sludge together with floating oil. (T Inc., Kanagawa) ④This machine's suction is so powerful that collection area of floating oil is wide and far. (P Co., Kanagawa) ⑤Air-driven oil skimmers were SO expensive, but the price of ECO EIT was absolutely persuasive and conclusive. (A Industry, Kanagawa) ⑥ECO EIT by far outperformed old belt skimmer to our surprise. (M Inc., Kanagawa) ⑦All the foul smells are gone. (Y Co., Shizuoka) ⑧Other oil skimmers failed to operate in NC tool's shallow pan, but ECO EIT operated satisfactorily because of its 55 mm-depth requirement. (J Inc., Tokyo) **Customers who introduced ECO EIT** include major automotive companies, bearing manufacturers, major construction machine manufacturers, resin machine tool manufacturers, major precision machine makers, measuring instrument manufacturers, heavy industry manufacturers, and other companies in manufacturing industry.

Please visit our website - more information in detail available.

<http://www.eishin.info>



ECO EIT recovers spilled oil, fine sludge, dusts and wastes floating on the liquid surface in the spill pan, machine tool's waste tank and/or air compressor's drain water, by direct suction **more than 10 times** as efficiently as any of the conventional machines for the similar purpose.

Equipment for recovery of floating material and oil spill

Model WD-A:

Improved oil-water separation capacity-outstanding de-foaming performance

- Operable on shallow tanks
- High recovery rate / strong suction system (patent registered)
- Easy to install, free to move around on site
- Lower running cost
- Two-tank design to achieve high separation capability

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WD-A



(Specification)

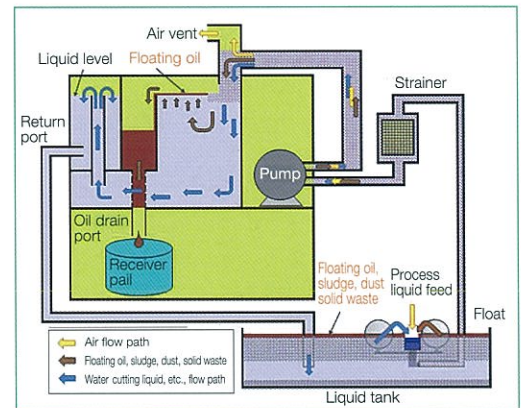
Model name: WD-A (fitted with SUS tank), SD-A (fitted with SUS tank)
 Overall dimensions (Width x Length x Height, mm): WD-A / 531 x 431 x 1336 (incl. protrusion and dolly), SD-A / 531 x 431 x 1082 (incl. protrusion and dolly)
 Separation tank dimensions (Width x Length x Height, mm): WD-A / 280 x 148 x 255, 2 tanks (total capacity ca. 16 L), SD-A / 280 x 135 x 255 (total capacity ca. 8 L)
 Pump unit dimensions (case's Width x Length x Height, mm): 280 x 190 x 390 (WD-A, SD-A)
 Weight (with empty tank(s)): WD-A / 25 kg (main body) 40 kg (incl. dolly) SD-A / 25 kg (main body) 33 kg (incl. dolly)
 Power source: Compressed air (nominal pressure 0.3 MPa)
 Floats: Two 75 mm (diam.) spheres (3-sphere type available)
 Pump: Pneumatic diaphragm pump, output capability 32 L/min at pump head 1.8 m, driven at 0.3 MPa.
 Connection port size (diameter, mm): Feed port 12, return port 19, oil drain port 25
 Processible liquid: Water-based cutting fluid or cleaning liquid from machine tools, quenching bath liquid, or other industrial waste liquids (after ridding of solid materials)
 Installation / operation requirements: Flat and level location. Return port to be positioned higher than liquid level in the separation tank.
 Waste pail is not included in the equipment.

Model SD-A: Standard equipment:

Improved oil-water separation capacity-outstanding de-foaming performance

- Operable on shallow tanks
- High recovery rate / strong suction system (patent registered)
- Easy to install, free to move around on site
- Lower running cost

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SD-A



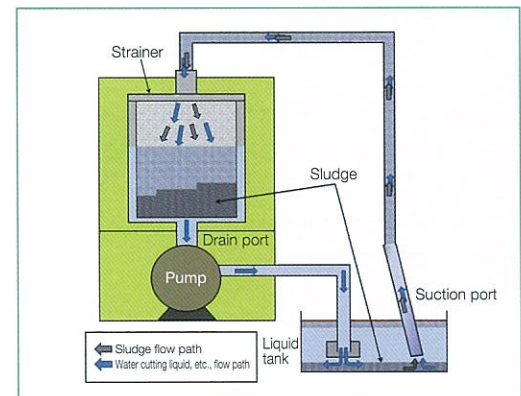
Equipment specialized for recovery of sludge

Model ES-A:

Easy-to-operate, simple design, high-performance

- Simple design to enable ease in operation
- Powerful suction power reaching to the tank's bottom
- Sucked liquid is cleaned and returned to machine tool's tank
- Easy to maintain too!

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ES-A



Model name: ES-A (fitted with SUS tank)
 Overall dimensions (Width x Length x Height, mm): 540 x 378 x 1123 (incl. protrusion and dolly)
 Separation filter dimensions (Diameter x Height, mm): 150 x 240 (capacity ca. 4 L), metal mesh construction
 Weight (with empty tank): 45 kg (separable into 2 components, lower unit 25 kg, upper unit 20 kg)
 Power source: Compressed air (nominal pressure 0.4 MPa)
 Pump: Pneumatic diaphragm pump, output capability 100 L/min at pump head 6.0 m, driven at 0.4 MPa.
 Connection port size (diameter, mm): Feed port ϕ 38, return port ϕ 25

Our business specialty: Robotic Systems, Facility Engineering. Consultation service on the engineering expertise toward highly efficient and labor saving plant operation.

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