

Cyclone Method Coolant Cleaning Device

# **FINE SEMICLO**

Minimal Space, Maximum Filtering

Leading-Edge  
High  
Performance

New System Combining the FINE MAG and FINE CLONE

**A Powerful Magnetic Separator  
& High Performance Cyclone**

**Improves Space Production**

**Separates Floating Scum**

**No Cleaning Required**

## **USES**

- Coolant for Grinding
- Coolant for Grinding
- Coolant for Rolling
- Coolant for Cold Roll Forming
- Coolant used by Coolant Cleaning Devices

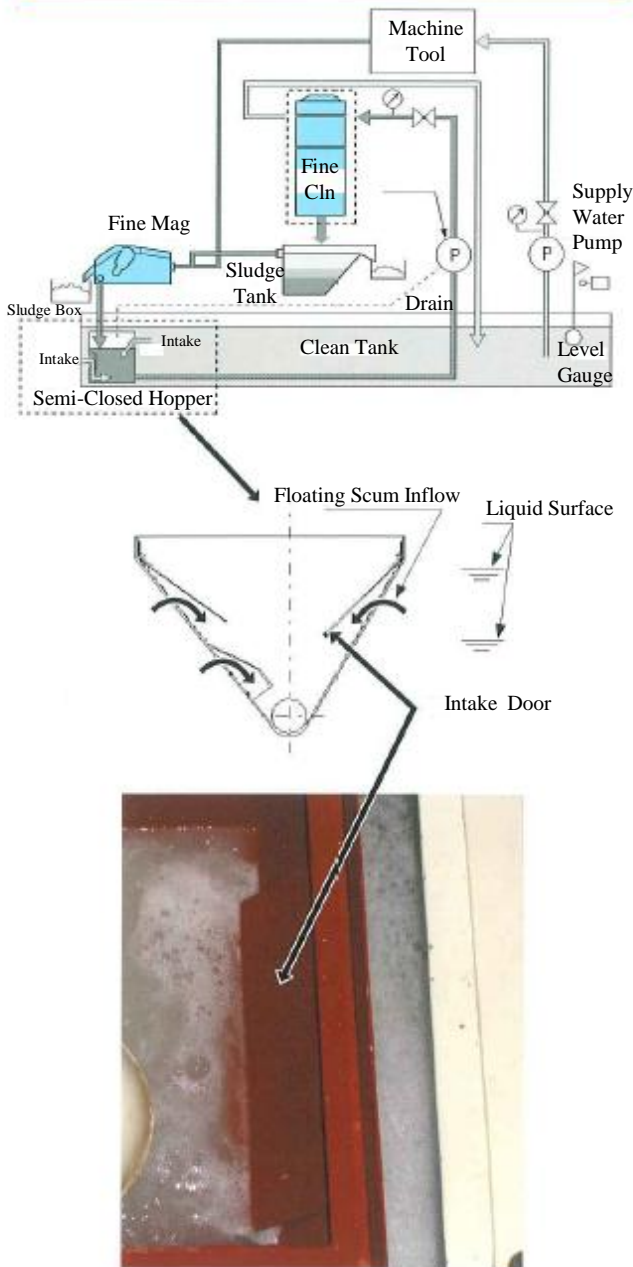


**Patent Pending**



**Sumitomo Heavy Industries Finetech, Ltd.**

## ◆ Flow Chart



## ◆ Specifications

Model	FSU-70	FSU-110	FSU-220
Item			
Processing Volume L/min	70	110	220
Fine Mag Model	K-8YRA	K-12YRA	K-24YRA
Motor Capacity	25W	25W	40W
Fine Cln Model	FC-1	FC-1	FC-2
Purify Pump Motor Capacity	50Hz	1.5kw	1.5kw
	60Hz	0.75 kw	1.5 kw
Supply Pump Motor Capacity	50Hz	0.4kw	0.4kw
	60Hz	0.4kw	0.75kw
Power Source	3P 200V (50/60Hz) 220V (60Hz)		
Coolant Type	Water Soluble Coolant		
Coolant Type	Optional		
Coolant Type	Optional		

## ◆ Features

1. The FINE MAG and FINE CLONE were coupled, and so that polishing powder, etc. would not leak into the clean tank, we perfected the semi-closed unit. In addition, cleaning was made obsolete, and the secondary clean tank was eliminated resulting in space saving.
2. After stopping the equipment, operation continues for a fixed time, completing the cleaning of the dirty coolant that remains in the grinder. (Delay timer built-in.)
3. At this time, as floating scum from the liquid surface is collected from the intake door installed in the semi-closed hopper, the clean tank is always kept clean.
4. The FINE CLONE features low pressure loss and high efficiency. Moreover, a foam control function is included.
5. Due to the FINE CLONE's efficacy in gas-liquid contact, and high filtering accuracy, anaerobic bacteria is suppressed, and bad odors are prevented. This leads to large lengthening of coolant life, and contributes greatly to ISO 14000.



### Safety Cautionary Notes

- Before using, carefully read and understand the Operation Manual.

\*We reserve the right to make changes to machine specifications without prior notice.



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