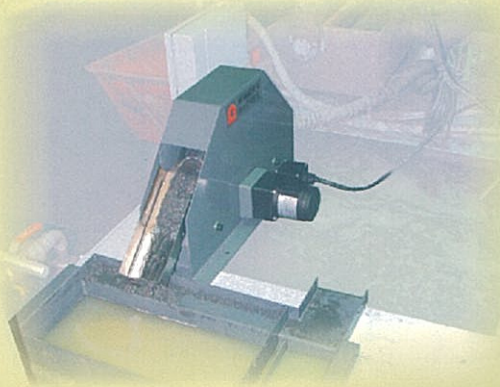


# MOS - 407 FLOATING SLUDGE SEPARATOR



**TRAMP OIL, SLUDGE IS  
DRAINED ALL TOGETHER**

**APPLICABLE ENVIRONMENT**



**A**

**B**

**C**

**Why floating oil intermingles coolant:**

1. Lubricant of guide way.
2. Being done workpiece coheres with residual tapping oil, rolling oil, cutting oil and heat treatment oil...etc.
3. Liquids leak from hydraulic or spindle lubricant system or so on.

**Floating sludge formation:**

After micro residue and floating oil are mixed, because the oil is lighter than the coolant, it drags off residue, floats on watersurface, resulting in floating sludge.

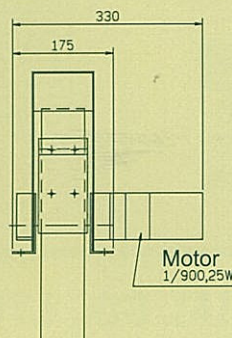
**Coolant deterioration:**

If floating sludge is on watersurface, it will eliminate the contact between air and coolant. Thus, the coolant's temperature is too high and the oxygen in the air can not kill the bacteria. Therefore progenitive bacteria will make the coolant smell foul, and corrupt the coolant when the machine idles for long.

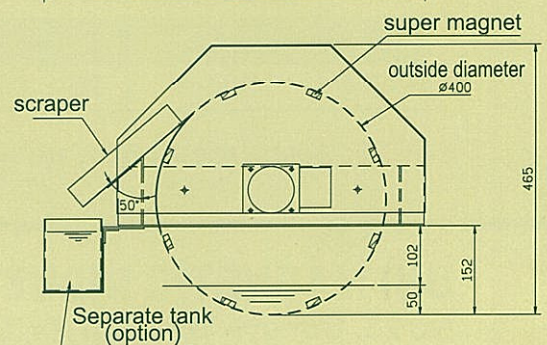
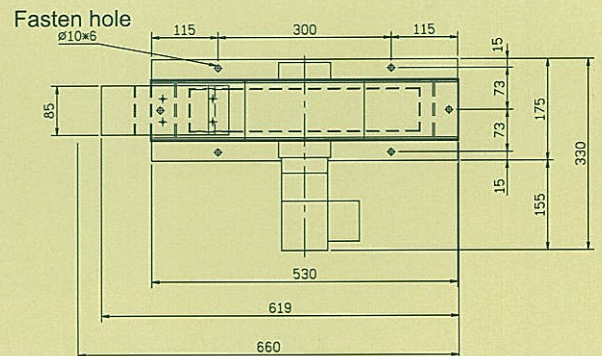
**Feature**

- Super magnetic Sludge Separator can prevent coolant's deterioration in efficiency. Due to oil and residue mixed on the surface of the coolant, isolated air, so results in corruption, lowered cutting efficiency, foul smell, rust...etc. For this reason, use the Sludge Separator.
- Super magnet is inside, available to drain out the floating oil and sludge. Drum's outside diameter is 400mm, it allows greater oil level adjustment. Efficiency is better than using a stainless scraper. Only connected power is needed to rotate drum, no need of any maintenance and service. After using the unit, which will solve the coolant's corruption, there is no need for changing coolant, it will improve the work environment.

Diameter x width : 400x75mm  
 Voltage frequency : 25W、200/220V、3PH  
 50/60Hz、0.25A  
 Rotating speed : (reduce ratio 1/900) 1.6/2rpm  
 Weight : Super magnet 12kg(MOS-407)  
 Without super magnet 10.5kg(OS-407)  
 Disposal capacity : 12L/min



**DIMENSION**



**Note: Coolant doesn't touch the motor**