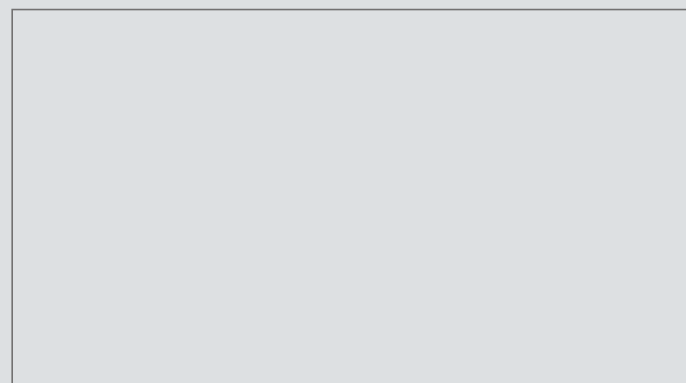




# MST PRODUCTS CATALOG

- Oil-water separator
- Cutting oil tank chip cleaner

## MST PRODUCTS CATALOG

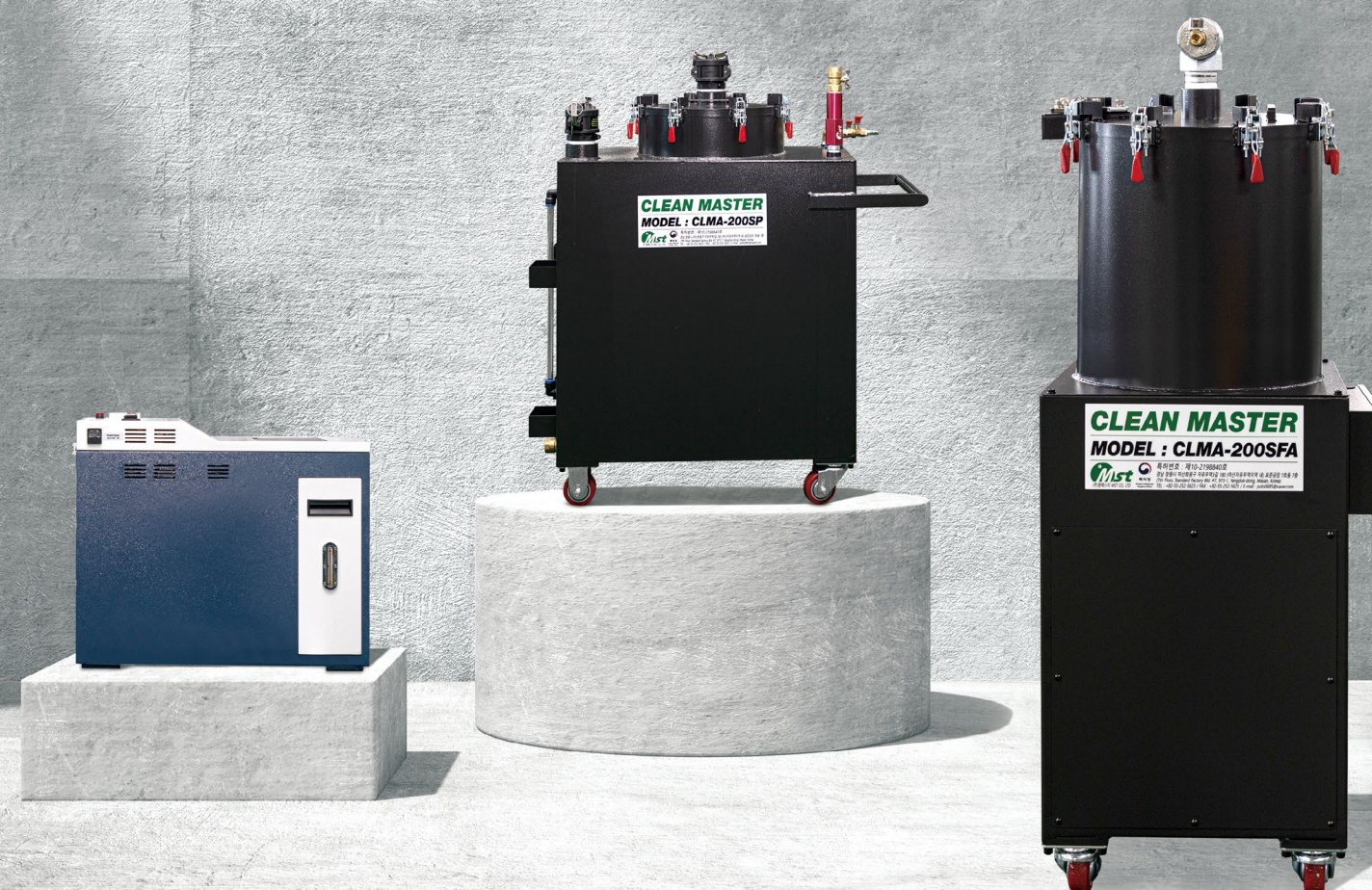


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## Oil-water separator (CLOW-10L)



TOP VIEW



FRONT VIEW

### Oil-water separator(CLOW-10L)

Item	Specifications
Input volatage	AC110V/220V 50/60Hz
Max. input power	30W
Pump speed	Adjust speed from 0 to 90 rpm
Time adjustment range section	0-99/h
Oil storage tank capacity	8L
Ozone production	1000mg/h
Processed flow rate per hour	9.2L/h

Item	Specifications
Filter mesh	3mm
Entrance diameter	16mm
Exit diameter	25mm
Diameter of dirty vent	19mm
Dimensions (Length x Width x Height)	600*350*580mm
Net weight	33.2Kg

### Characteristics

01

Independently designed floating oil inlet port can precisely designate the location of the oil and is compatible for cutting oil tanks of various depths.

02

0-99h operation can be enabled in the timer setting of the automatic control system.

03

Cutting oil can be sterilized and deodorized with ozone sterilization.

04

DC motor has low energy consumption, stable speed adjustment, and does not require maintenance.

05

There is no secondary contamination due to the 3-step filtration system.

06

The level sensor is built-in to the dirty oil box alerts when filled with oil. The operation automatically suspends once the oil box is removed.

07

Sludges can be filtered directly through the housing filter in the primary section.

08

Lights and a transparent window are inside the case, making it easy to see inside the equipment.

09

Residual cutting oil can be easily drained through two drain valves on the bottom of the case when cleaning the oil/water separator.

10

Easy to move due to the caster.

Before oil/water separation



1 hour after oil/water separation



## Cutting oil tank chip cleaner (CLEAN MASTER)

### Mechanism

An equipment that uses air to suck up sludges settled in the cutting oil tank along with fluids. It collects sludges in the SUS FILTER inside the Clean Master and resupplies the filtered cutting oil to the tank.

### Benefit of Clean Master

#### Economical

Increased efficiency in quality control of cutting oil and reduces costs for handling wastes

#### Safe

Patent certification (prevents accidents from pressure as air is exhausted at steady pressure)

#### Convenient

Easy to install, operate, and clean

#### Production

Increased precision of processed goods by removing sludges in cutting oil tank

### Requirements for device operation

01

Pressure for compressed air supply

Minimum of 6BAR  
(higher than 7.5RT compressor)

01

Compressed air consumption

300LPM

### CLEAN MASTER LINE UP

Model Name	TANK Capacity	FILTER Specifications
CLMA-200SP	200 LITER	12MESH
CLMA-200SFA	40 LITER	12MESH

### Characteristics

#### CLOW-10L



- Oil layers and floating matters of cutting oil tank are purified with the 3-step system which has dramatic effects of removing odors and improving working conditions of workers.
- It is capable of a full-time, 24-hour operation and oil/water separation can be performed without suspension of manufacturing equipment.
- Oil/water separation can significantly extend the existing cutting oil replacement cycle and reduce replacement costs of cutting oil and disposal costs of waste cutting oil.

#### CLMA-200SP



- No malfunction as (AIR) vacuum ejector is used.
- Accidents from air pressure can be prevented as an orifice is installed inside the equipment to supply steady pressure when discharging cutting oil. (Guarantees stability)
- Large volume stainless steel mesh filter (750 L) can process a large volume of sludges and is semi-permanent.
- Easy to drain the chips from the filter and the caster allows easy movement of the equipment.

#### CLMA-200SFA



- AIR PUMP simultaneously suction and discharge which allows cleaning even when the manufacturing equipment is in operation and does not affect the manufacturing process.
- The stainless mesh filter is semi-permanent, and it is compatible with the bag filter which allows cleaning of large and fine chips.
- Easy to drain the chips from the filter and the caster allows easy movement of the equipment.