



HC FENG CO.,LTD.

Spesification

Model	BEST-1	
Machine size	520x410X880mm	
Net weight of the machine	45 Kgs	
Capacity of the machine	35liters	
Power supply capacity	Single Phase 110V/220V.AC 60HZ/50HZ	
Power consumption	Consumption of 1KWH of Electricity in 24 hours	
Filter specifications	0.4mm	(Max.particle)
Pump flow	10~30Lit./min	(Max.amount)
Pump caliber	3/8"	
Machine outlet diameter	1"	
Ozone value	500mg/hr Produce 500 mg of ozone per hour	

Ozone analysis report



Do you still worry about coolant?

Are you reluctant about oil renewal?
Can you bear it not being changed?
The new era has arrived. Environmental awareness
has been promoted. You have a better choice.
This multifunctional coolant oil-water separation
composite machine can solve your worries.

BEST-1

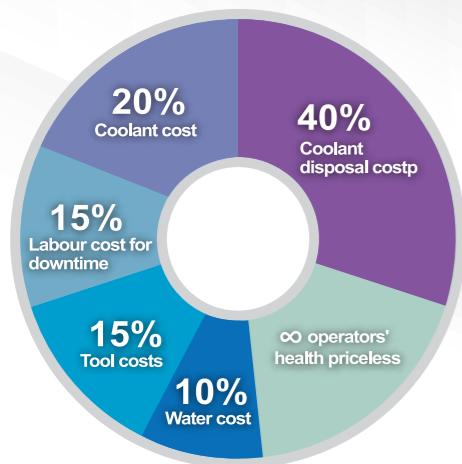
Comprehensive assessment of efficiency

Reduces the addition amount of crude oil,annual expenditures ↓20%~40%
Reduces the added amount of running water,annual expenditures ↓30%~50%
Reduces the procurement of expensive crude oil,annual expenditures ↓20%~40%
Reduces wear and tear of tool and work piece,annual expenditures ↓15%~30%
Reduces staff clean-up time, the annual spending time↓60%~80%
Filtration of fine iron debria to avoid tool and work piece impact damage.
Block the growth of bacteria and avoid staff's health hazards.
Clean water quality and block pungent odor from spreading.
Water is circulating and cleaned to avoid wastewater discharge.
Maintain plant operations environment clean.

The impact of adverse coolant

Damage to the machining workpiece quality, lathe and milling machine
equipment.
Reduce tool useful life and affect the processing efficiency.
Effects of bacteria out of deteriorated coolant on operators' health on site.
Impact of stench out of deteriorated coolant on operators' emotion on site.
Increase of on-site operator clean-up time impacts productivity efficiency.
Increase in the number of times for coolant updates affects plant cost and
expenditure.
Regular wastewater discharge seriously affects the ecological environment.

Cost-benefit analysis diagram



PV value detection device (optional)



pneumatic pump



Floating oil collection seat set
(optional)



Cutting coolant purification equipment

- The impurity substance is filtered
- The oil water separation
- Ozone disinfection
- Water quality purification
- Safeguards your health and improves the environment
- No supplies
- Reduces costs
- Extend tool life

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Distributor

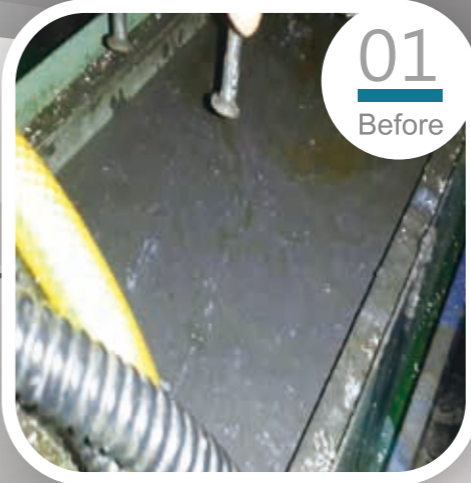
Specialize in improving oil-water separation and
problems of stink with the coolant.



HC FENG CO., LTD specializes in improving the coolant's oil-water separation, stench, and other issues, is committed to producing Cutting coolant purification equipment and has experience for more than 10 years. Because coolants have the function of cooling, lubrication, cleaning, and anti-rust and others, it is widely used in cutting machining.

Machine tools are currently not provided with environment friendly processing apparatus for coolant. During processing, coolant will make slide oil or a foreign body oil mix, resulting in the inability of coolant make contact with air. This leads to coolant deterioration, stench, corrosion occurs, and it generates foam, operator skin allergies, and other problems, thereby reducing tool life and affecting the accuracy of the machined surface.

The function of general oil-water separators sold on the market only separates oil from water, but coolant contains a large number of bacteria, which will lead to deterioration and stench of coolant. Our Cutting coolant purification equipment has functions to filter impurities, separate oil from water, and sterilize, and deodorize by an additionally fitted ozone apparatus, can effectively extend the service life of customers' coolant, to enhance the machining precision, extend tool life, significantly reduce times for staff to clean and replace the cistern.



01
Before



02
Processing



03
After



Touch panel



Ozone disinfection.



Waste-Oil Removing Device



Filter Needs no Change



Oil Collector

Functional features

The impurity substance is filtered

It filters suspended iron debris and other impurities, to avoid the backwash influencing the surface of workpiece.

The oil water separation

Remove slide oil and foreign body oil on surface of the cistern, to achieve oil-water separation quickly and thoroughly.

Ozone disinfection

It has ozone functions, which can effectively kill certain bacteria, so that the coolant does not deteriorate.

Water quality purification

It does not change the concentration of coolant, to restore the clarity that coolant should have.

No supplies

Reduces costs

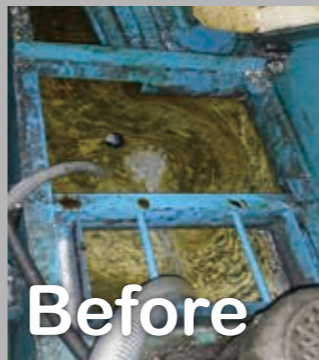
Save on the costs of waste oil recycling treatment.

Extend tool life

Extend time of use for coolant, increase tool life, and raise processing accuracy.

Safeguards your health and improves the environment

Avoid inhaling the fumes produced by processes which cause harm to the human body, exempt from irritation resulting from skin contact, and it improves smelly working conditions.



Before



Before



Before



After



After



After