



BEST-1

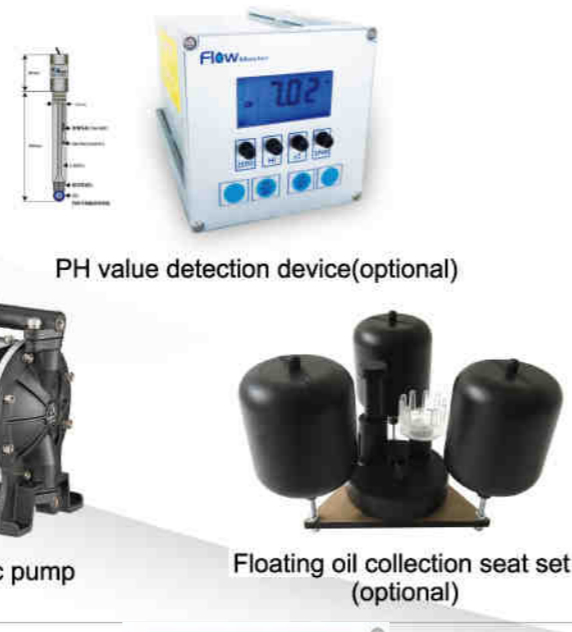
Specification	
Model	BEST-1
Machine size	520x410x880mm
Net weight of the machine	45 Kgs
Capacity of the machine	29 liters
Power supply capacity	Single Phase, 220V.AC 50HZ
Power consumption	Consumption of 1KWH of Electricity in 24 hours
Filter specifications	0.4mm (Max. particle)
Pump flow	10~30Lit./ min (Max. amount)
Pumps caliber	3/8"
Machine outlet diameter	1"
Ozone value	500mg/hr Produce 500 mg of ozone per hour

Ozone analysis report



Comprehensive assessment of efficiency	The impact of adverse coolant
<p>Reduces the addition amount of crude oil, annual expenditures ↓ 20% ~ 40%.</p> <p>Reduces the added amount of running water, annual expenditure ↓ 30% ~ 50%.</p> <p>Reduces the procurement of expensive crude oil, annual expenditure ↓ 20% ~ 40%.</p> <p>Reduces wear and tear of tool and work piece, annual expenditure ↓ 15% ~ 30%.</p> <p>Reduces staff clean-up time, the annual spending time ↓ 60% ~ 80%.</p> <p>Filtration of fine iron debris to avoid tool and work piece impact damage.</p> <p>Block the growth of bacteria and avoid staff's health hazards.</p> <p>Clean water quality and block pungent odor from spreading.</p> <p>Water is circulating and cleaned to avoid wastewater discharge.</p> <p>Maintain plant operations environment clean.</p>	<p>Damage to the machining workpiece quality, lathe and milling machine equipment.</p> <p>Reduce tool useful life and affect the processing efficiency.</p> <p>Effects of bacteria out of deteriorated coolant on operators' health on site.</p> <p>Impact of stench out of deteriorated coolant on operators' emotion on site.</p> <p>Increase of on-site operator clean-up time impacts productivity efficiency.</p> <p>Increase in the number of times for coolant updates affects plant cost and expenditure.</p> <p>Regular wastewater discharge seriously affects the ecological environment.</p>

Cost-benefit analysis diagram



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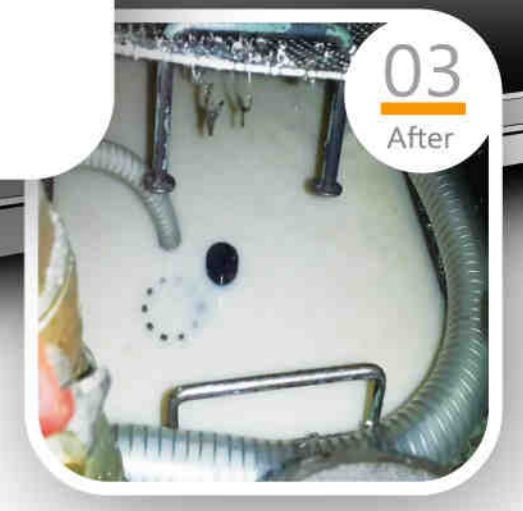
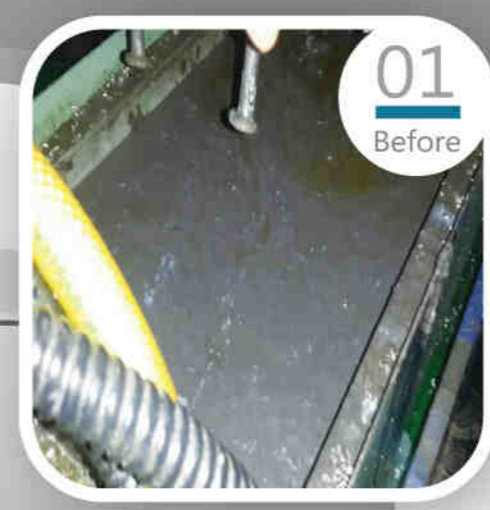
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Specialize in improving oil-water separation and problems of stink with the coolant. **CE**

HC FENG CO., LTD. (Hung Chuan Technology 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.



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.

