



**CHOOSE PNEUMATIC  
START YOUR VALUE**



TOOLS &  
HARDWARE



LIGHT INDUSTRIAL

MACHINERY PARTS

MICROMACHINING

INDUSTRIAL

AEROSPACE

MACHINERY

AUTOMOBILES  
& MOTORCYCLES

*Dr. Healthy Tank*



Health and safety. Can't just Optional



TAIWAN NO.1 [www.kingnice.com.tw](http://www.kingnice.com.tw)



# KingNice Technology

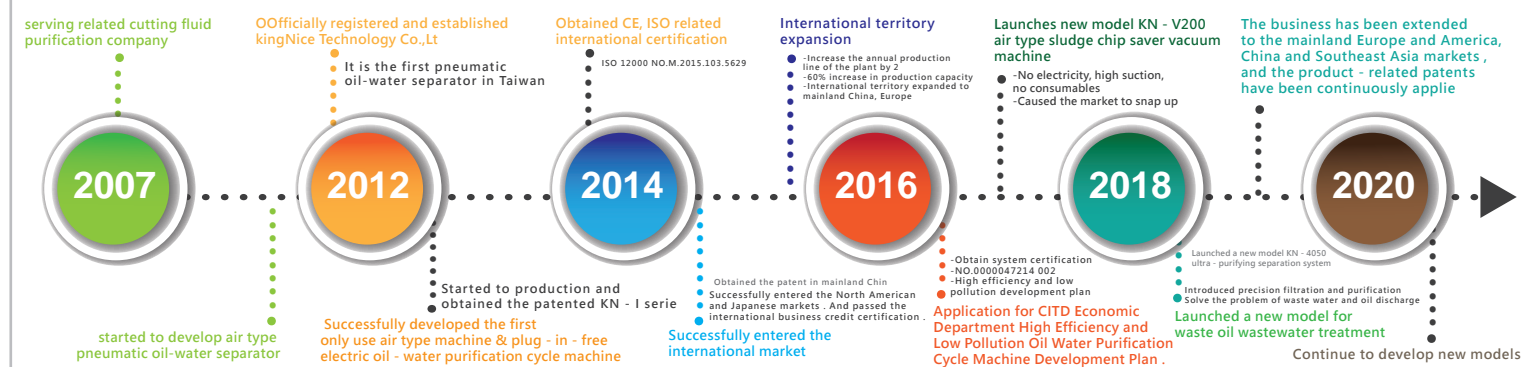
Specializing in oil-water separators, cutting fluid filtration and coolant purification machines, industrial and restaurant wastewater filtration systems, oil collection plates, filter plates, oil-water separation plates. We operate our team business with integrity and honor. Since its inception, it has been designed with superior quality and unique design to make installation easier and more stable and reliable.



## BRAND STORY

"Continuous research and development, sustainable operation" is the core concept that KingNice Technology has always adhered to. We believe that only by continuous research and development can we become the champion in the field of water oil purification and bring the best products to our customers. For sustainable business, we have different ideas. The sustainable operation that KingNice wants to accomplish is not only for the internal enterprise, but for the global environment and our next generation, comprehensive and sustainable operation.

## MILESTONE

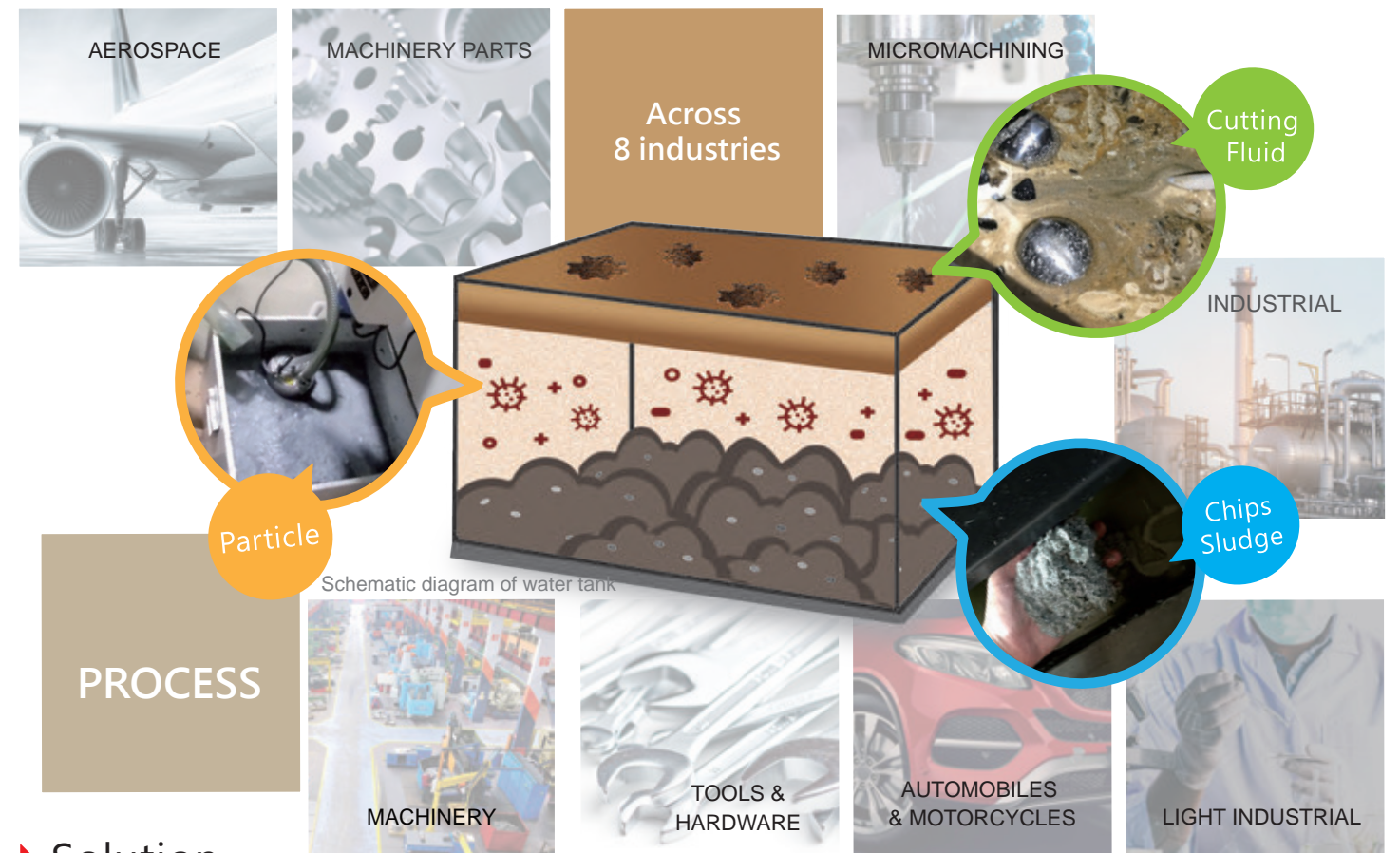


## International Exhibition



## PROBLEM

Gas Dynamic Type | Easily Recovered | Easily Dry



## Solution

**OIL WATER & COOLANT PURIFYING** ▶ Specially solve the problems of oil slick, waste oil, emulsification, impurities, water quality, peculiar smell...

**BEFORE** → **AFTER**

▶ P.03 ▶ P.04

**SLUDGE CHIP SAVER VACUMER** ▶ Specially solve the problems of foundation powder, bottom chips, bottom mud, sediment, aluminum chips, copper chips... etc.

**BEFORE** → **AFTER**

▶ P.05 ▶ P.06

**FILTRATION SEPARATION SYATEM** ▶ Specially solve the problems of suspended particles, suspended solids, impurities... etc.

▶ P.07 ▶ P.08

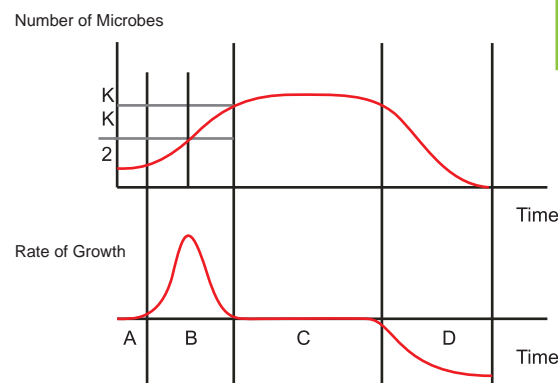


## Why is the coolant have to cleaned?

In the era of high oil prices, to keep the purification of cutting fluid for cooling, lubrication, rust, pseudo-concentration, grease cleaning, corrosion (bacteria, fungi) to enhance the performance and functionality of impurities can be prolonged life for you accumulate wealth, achieve profitability.

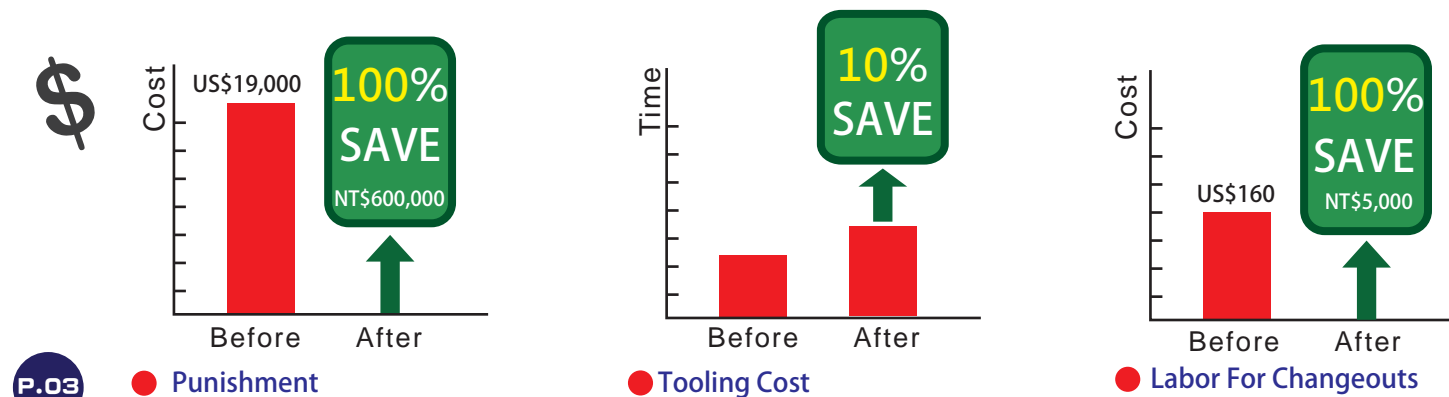
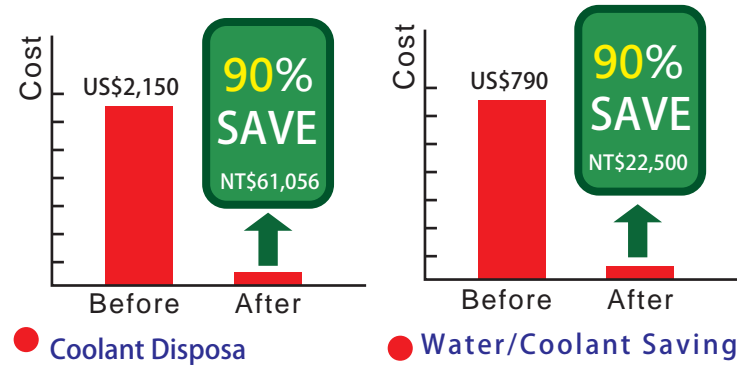


## Bacterial Growth Curve

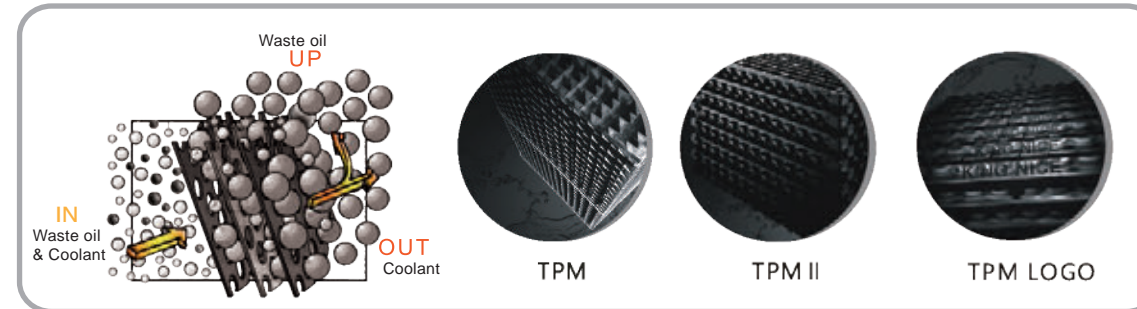


## Payout Time / Benefit Analysis

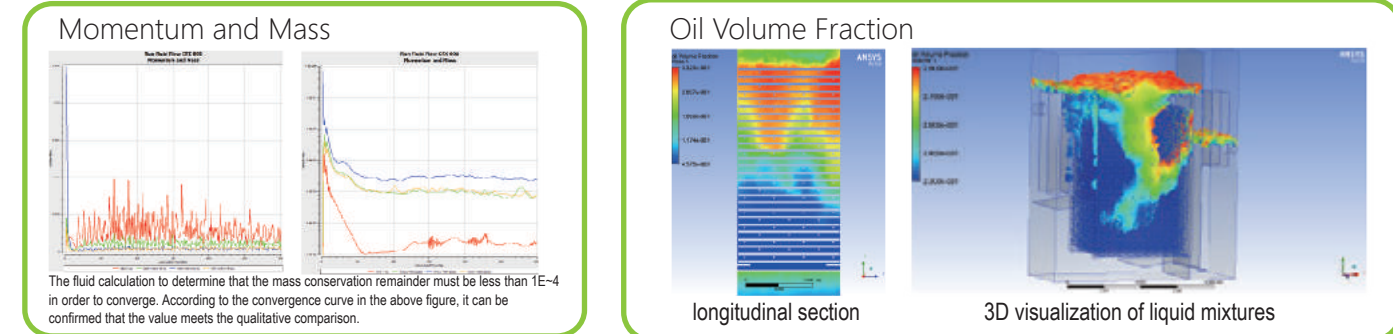
**Cost** savings are calculated for one machine with an 10 gallon sump by 10 CNC machines. The reduction in coolant changeouts will save two changeouts per year, coolant makeup is assumed to 8%, new coolant US\$900/per 50 gallon, labor for Changeouts: US\$10/per hr, US\$1,000 tooling cost, coolant disposal US\$1.0 per gallon.



## T.P.M PATENT



## ANSYS Diversion report



## Installation example





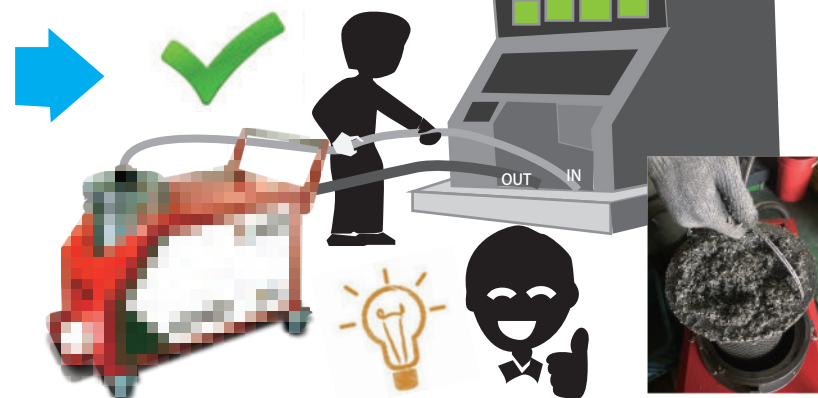
Are you still cleaning the water tank  
in the **Traditional** way?  
**From now on you have a better choice**



BEFORE



AFTER



Time is money  
Free of electricity **Witness more than 500 machines in Taiwan**  
The water tank can be cleaned without stopping the CNC

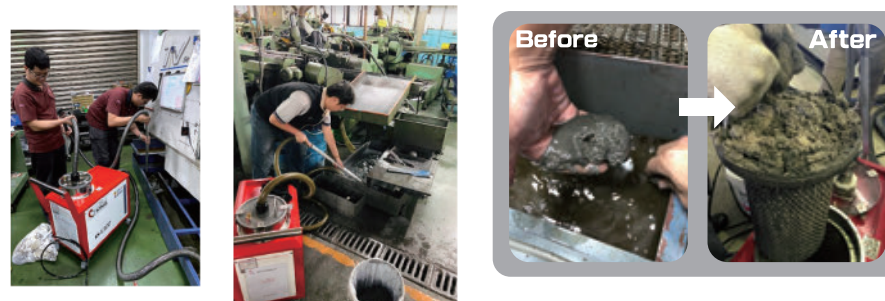
For liquid surface chips \ water tank sludge \ powder...ect

Recycling



Use Value

- Use Value reduce the CNC machine failure rate , processing non-performing rate.
- Water and Coolant Saving.
- Reduce the cost of CNC mechanical downtime and personnel operations.
- Maintain the tank liquid caoacity , reduce the temperature rise.



- Double filter high efficiency purification and prolong liquid service life
- The highest filtering accuracy can correspond to 1um
- The processing machine can easily recover chips and bottom mud without stopping the machine
- Easily solve the problems of iron filings, aluminum powder, fine bottom mud... etc., which are deposited in the CNC water tank for a long time after cutting.
- Pneumatic drive mode is adopted to avoid public security problems
- Widely used in metal cutting, aluminum processing, grinding process, engineering plastics... etc.
- Patented technology-can easily correspond to oily and water-soluble cutting fluids
- Special dehydration and drying method can purify CNC water tank processing liquid, and sludge can also be removed in a short time



Solve the bottom mud and bottom chips in the water tank.Suitable for all kinds of metals, alloys and non-metals... etc.

Step1



It can be started by connecting to the wind source, and the machine does not need to be shut down.

Step2



Vacuum negative pressure principle, easy drying, easy chip suction

Step3

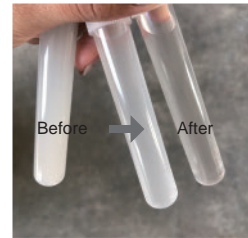


Gas Dynamic Type | Easyily Recovered | Easily Dry



# New filtering

# 4 in 1



- Removing sludge
- Filtration
- Purification
- Separator

## Industrial Particle Sludge Separator Cycle System

### Installation example

"Air type ultra-purification filtration machine" not only can easily remove chips, but also can filter and purify oily and water-soluble cutting fluids to solve customer's problems in this regard, so it is highly appreciated.



### Feature

- Liquid filter purification, easy removal.
- Patented technology - easily correspond with liquid, water-soluble and Pure-oil Auto.
- Processing can easily recover swarf and sediment without stopping.
- The highest filtration accuracy can correspond to 5 nano.
- Solve the problem of long-term deposit on CNC water tanks such as iron chips, aluminum powder, fine sediment, etc. after machining.
- Widely used in metal cutting, aluminum machining, grinding process, engineering plastics, etc.



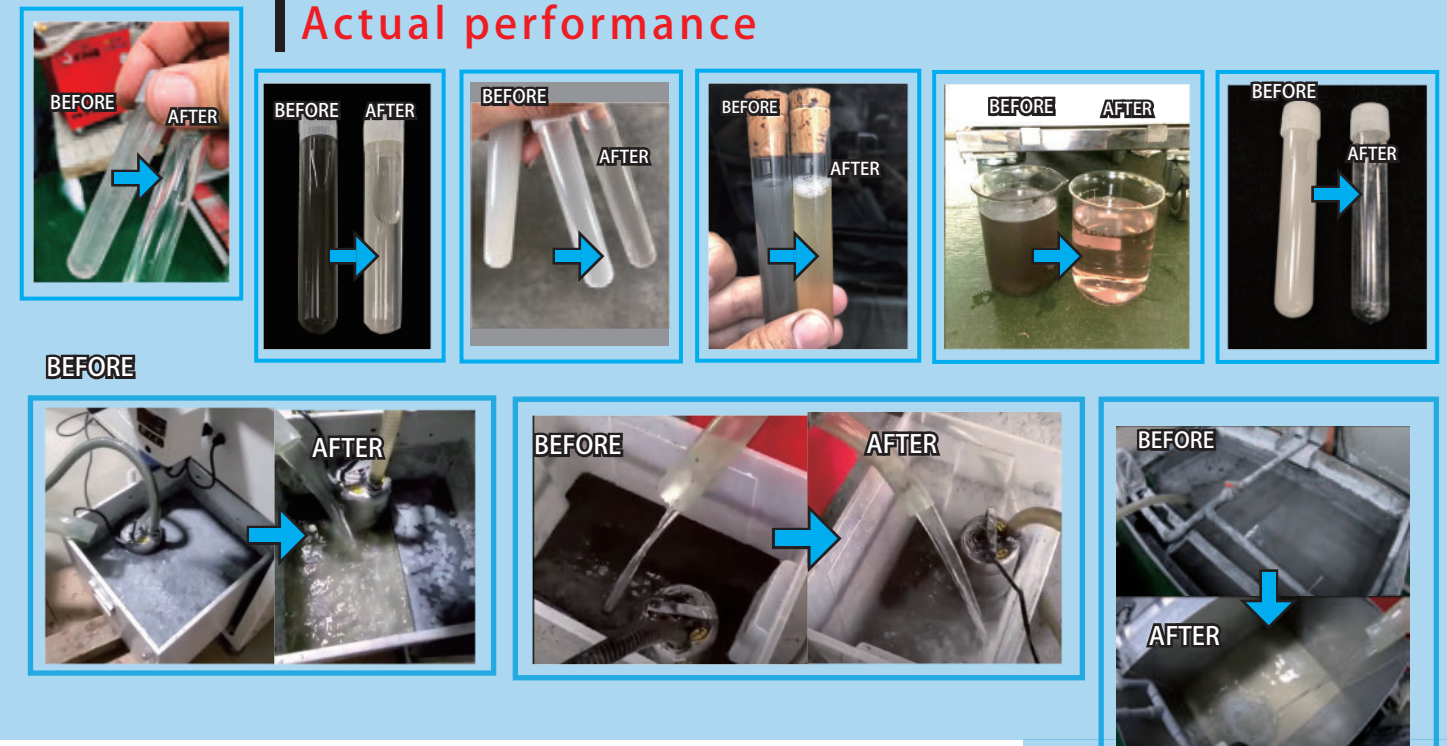
## KEEP HIGH QUALITY

Suitable industries:  
grinding, vibration grinding, centerless grinding,  
precision cutting, sewage treatment... and other precision filtration



- 💧 Corresponding to fine powders such as ceramic powder, quartz powder, wire cutting powder, aluminum powder, tungsten steel powder, boron nitride powder, carbon powder,
- 💧 Fine filtration and separation of glass powder, stainless steel powder, graphite particles, etc. are simple!

### Actual performance



- Liquid filter purification, easy removal.
- Patented technology - easily correspond with liquid, water-soluble and Pure-oil Auto.
- Processing can easily recover swarf and sediment without stopping.
- The highest filtration accuracy can correspond to 1 um.
- Solve the problem of long-term deposit on CNC water tanks such as iron chips, aluminum powder, fine sediment, etc. after machining.
- Abrasive powder, screw factory oil sludge, cast iron powder, lathe, milling machine, grinder, drilling machine, CNC, boring machine, planer, sawing machine, broaching machine, etc. ...)







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ISO 9001 / PATENT CERTIFICATE / INSPECTION



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