



GAUDO

Cutting Oil Separator 2016 10



GAUDO,CO.LTD

Cutting Oil Separator 2016 10

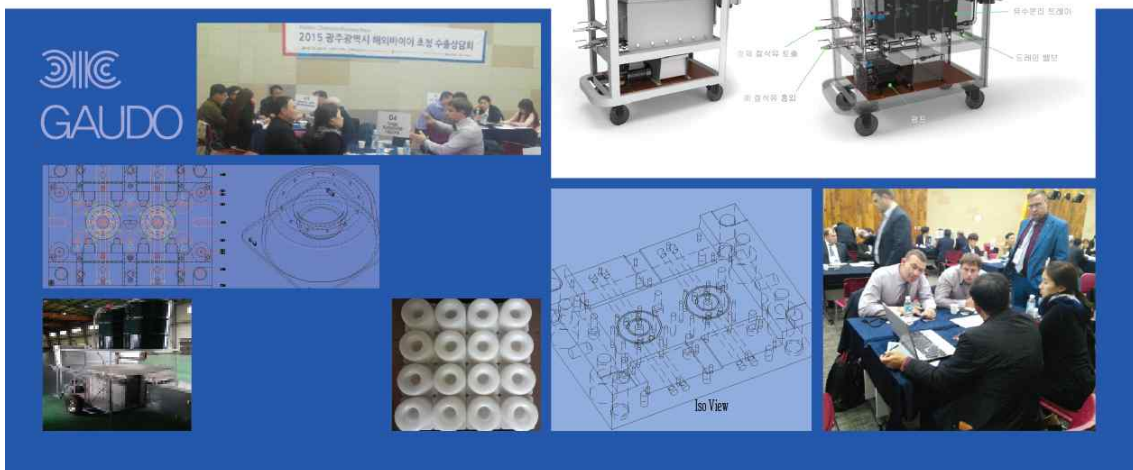


Major Career

1. Awarded the chairman of the Small & Medium Business Administration
2. Hyundai Motor Technology Sharing Grant
3. LG Chemical Technology Sharing Company
4. Credit Guarantee Fund – First Penguin Enterprises
5. Research Institute
6. Factory registration certificate
7. Venture business certification

Technology – Retention Environment

1. Vacuum technology
2. Control technology – PLC CONTROL, PCB, SEQUENCE
3. Metal processing technology
4. Plumbing technology
5. Design technology (2D&3DCAD implementation technology)
6. Mold making & injection molding technology
7. 3D printing technology
8. Environmental machinery manufacturing technology



Technology – Patents

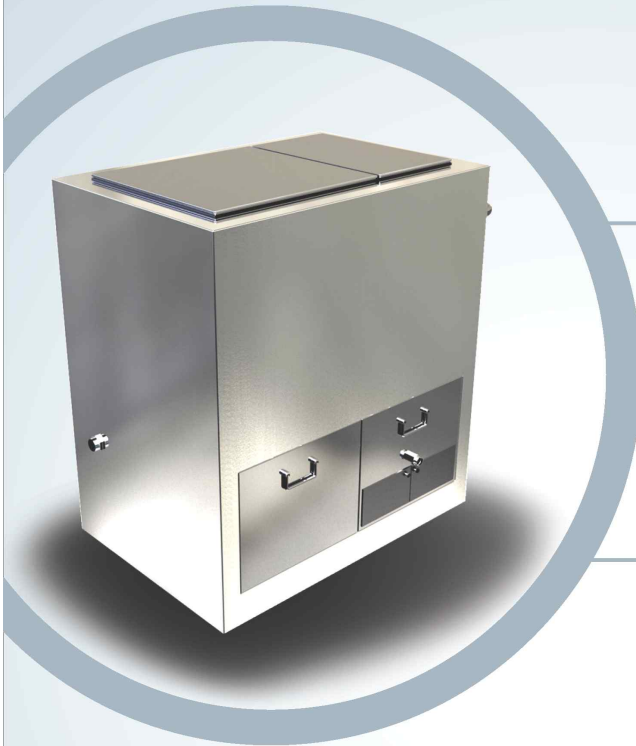


1. Registered patent 10-1184057 Continuous water purification unit with floating filter
2. Registered patent 10-1235351 By Water level adjustment Oil separation device
3. Registered patent 10-1296866 Continuous Solidification Facility of Food and Livestock Wastewater
4. Registered patent 10-1431786 Maritime oil spill separation and recovery device
5. Registered patent 10-0048657 Oil-water separation device using an oil-water separation pack
6. Registered patent 10-1152541 UV blocking transparent resin composition
7. Registered patent 10-1125591 Exterior film for manufacturing battery pack and battery pack containing same
8. Patent application 10-0022062 Oil-water separator
9. Patent application 10-0022136 Sluice system
10. Use patent 10-1219832 Water reservoir for diesel fuel filter
11. Use patent 10-0528203 Filter element of air cleaner
12. Use patent 10-1251482 Fuel flow noise reduction device of an automobile fuel tank
13. Use patent 10-0535542 Improvement of combustion efficiency of diesel engine, and a combustion fumes reduction device
14. Use patent 10-1014068 Turbocharger of the engine
15. Use patent 10-1251658 Variable exhaust pipe system for exhaust noise control



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Distinguishing features



Rapid refining ability

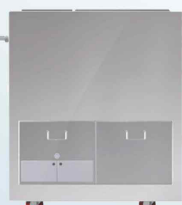
Refining capability : 99,9% - max

Small and excellent design

One machine cleans cutting oil of up to 30 machine tools



Left



Front



Right



Right



Right

Outside view



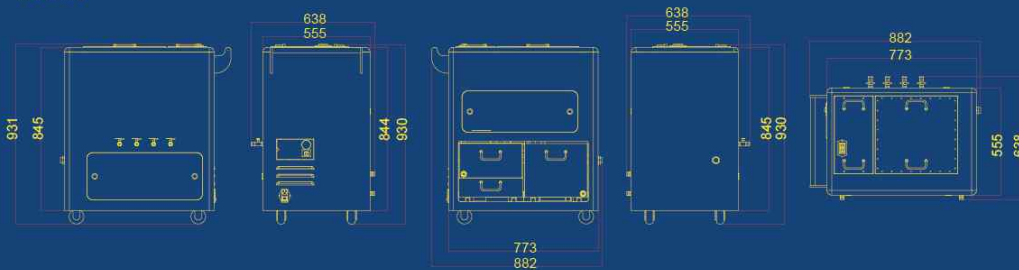
Model : cutting oil separator 2016 10
 Pump Specifications : Single-phase power supply 220V, 1A
 Suction specification : 3,0000 /hr - max
 emitting function specification :
 cutting oil after refining - Transfer to inside of machine tool with natural pressure
 slideway oil after separation - Move to slideway oil internal storage tank and emitted by sensor operating

Refining capability : 99.9% - max
 Size : 780mm x 560mm x 960mm
 Weight : 115kg
 Material : stainless steel



Size

(unit: mm)



The necessity of coolant refiner machine tools

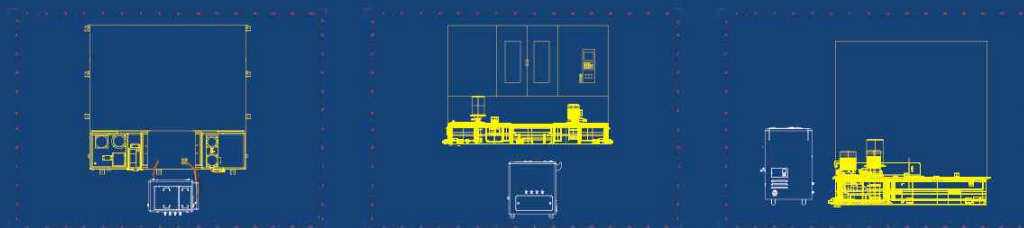


All machine tools, such as machining centers and CNC lathes, use ①coolant to cool the machined surface during machining process and ②slideway oil necessary for machine operation. The separation becomes very difficult, and the decay of the coolant due to the mixing of the two is inevitable.

As a result, ①worker's headache caused by obnoxious odor and bacterial infection, ②error of machining surface of machine tool and ③scratch of Cut Surfaces occur due to mixing of steel chip sludge and, in consequence, it leads to the low quality of product.

★ Gaudo's coolant refiner machine separates the slideway oil of up to 30 machine tools with one machine.

Key map



Installing the effect of cutting oil purifier



The specific effects of the development of coolant refineries are listed below:

- ① Removal of obnoxious odor from cutting oil
- ② Removal of metal particles
- ③ Reduction of wear on cutting tools
- ④ Extending the life of machine tools
- ⑤ Reduced costs by extending the use of coolant
- ⑥ Reduction of the scratch on the machined surface
- ⑦ Creating a pleasant factory environment

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Refiner comparison

	Waste oil discharge type	Belt type	Competitor's type	Gaudo
Separation Formula	—	Skimming	Gravity separation	Gravity separation
Waste oil Processing Cost	USD 250 ~ 300 per ton	None	None	None
Replacement Parts	Waste oil	Belt	Filter (4 cases)	Filter (1 case)
Part Price	—	USD 80	USD 240	USD 0,3
Replacement Cycle	5-6 times a year	thrice a year	3 times a year	70 times a year
Annual cost	Approximately USD 2,500	USD 240	USD 720	USD 20
Factory environment	odor Unsanitary	Good	Sanitary & clean	Sanitary & clean



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Please call, kind and we'll discuss in detail.

This product's design and specification can be changed without notice to improve our products.
Be sure to use our product manual and mechanical work written about the safety.
Please read and understand the precautions.