

Fu Yang Technology



Don't let waste oil pollute our planet.

OIL WATER SEPTARATOR PROFESSIONAL MACHINE MANUFACTURING

Company Introduction

Fu Yang Technology Co., Ltd. is always in the two concepts “green “and” saving” and professional skills in manufacturing the products. We manage business seriously more than 20 years in wastewater treatment and wastewater recycling and other areas. We keep investing in a lot of projects, accumulating a wealth of experience, so our products have been sold around the world. Over the years, our excellent performance, high-quality support services, and a good reputation have gained the majority of customers trust for many years. Our professional skills and friendly service team is worth your trust definitely.



Benefits / Advantages

- ☆ **Specialized R&D Team**
- ☆ **Excellent Technical Group**
- ☆ **Precise Detective Instrument**
- ☆ **Material-Using Guarantee**
- ☆ **Easily to Install and Operate**
- ☆ **Assembling Any Workplaces**
- ☆ **Small, Space less**
- ☆ **Wonderful Price Competition**
- ☆ **Wholesome After-Sale Service**
- ☆ **Professional Problem-Solving Department**

Product Outline

Main models : Belt type oil skimmer

The small-volume oil skimmers are for removing floating oil, which can be connected on the machine tools directly showed below:

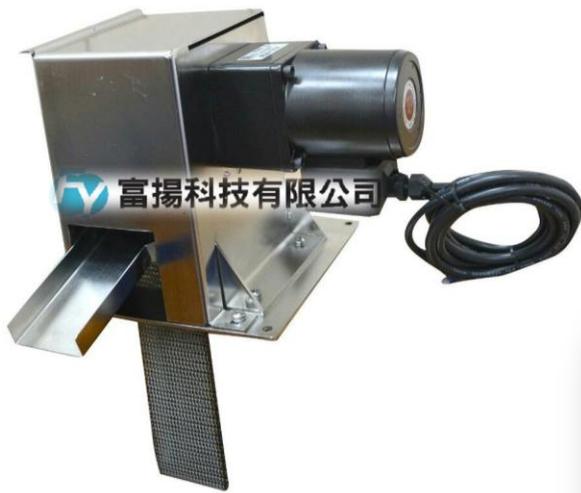
- CNC lathe
- Ships' bilges
- Steel industries
- Coolant systems
- Wastewater sumps
- Heat treating fluids
- Underground tanks
- Precisions industries
- Food processing plants
- Hydroelectric power plants
- NC(numerical control) machine tools
- Parking lots, garages, and service facilities
- Industrial machines (Drilling machine, Grinding machine, Mill machine)



The main role

- Increasing metalworking fluids, cleaning fluid cycle, so as to achieve the purpose of reducing operating costs.
- It can protect and improve the function of the efficiency of cleaning equipment.
- Saving environmental effects, to prevent indiscriminate discharge of waster oil pollution, in order to adapt the concept of environmental protection requirements.

Model : FY-601 Chain type oil skimmer



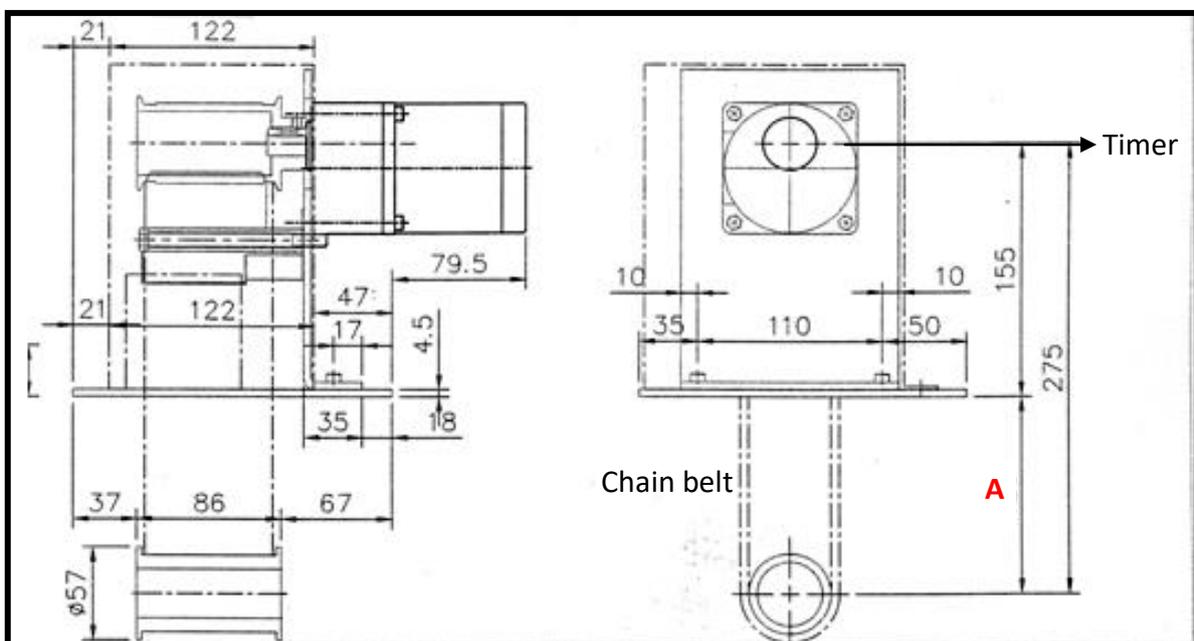
Specification

Chain belt: 65mm (width)
Degreasing amount: 0 to 20 liters/hr
Power: 110V/220V / 50Hz 60Hz/
Weight: about 9kg



Function

1. Increasing metalworking fluids, cleaning fluid cycle, so as to achieve the purpose of reducing operating costs.
2. It can protect and improve the function of the efficiency of cleaning equipment.
3. Saving environmental effects, to prevent indiscriminate discharge of waster oil pollution, in order to adapt the concept of environmental protection requirements.
- 4.



Customers provide the dimension **A** in order to decide the steel belt length for manufacture.

Model : FY-CNC-40 Belt type oil skimmer



Specification

Steel belt: 0.12*50mm (thickness*width)

Degreasing amount: 0 to 5 liters/hr

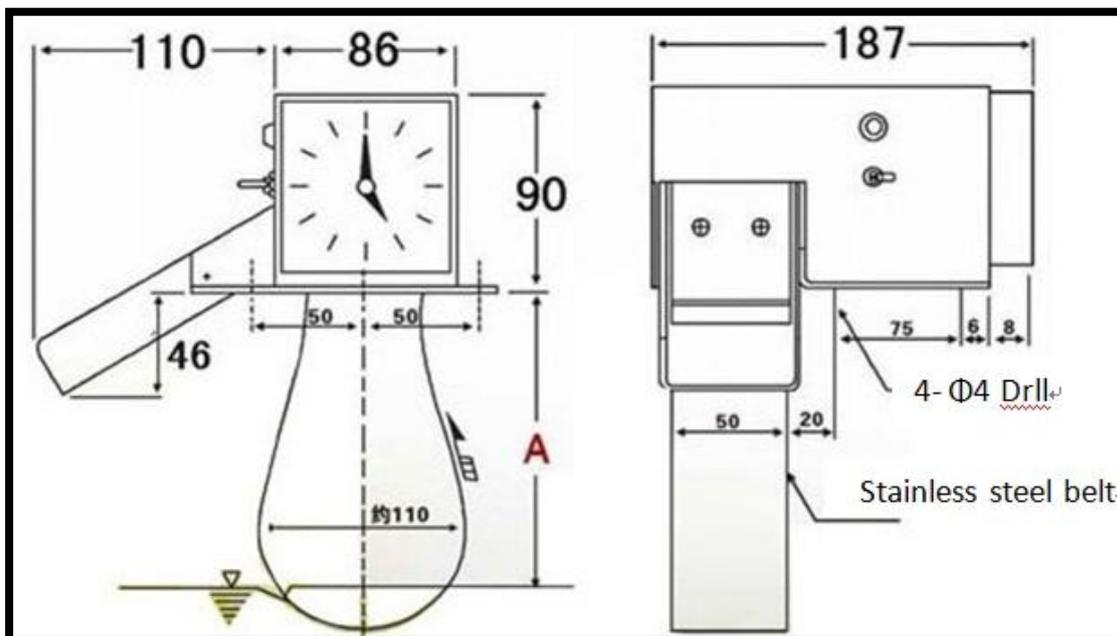
Power: 220V / 50Hz / 5W

Weight: about 3kg



Function

1. Increasing metalworking fluids, cleaning fluid cycle, so as to achieve the purpose of reducing operating costs.
2. It can protect and improve the function of the efficiency of cleaning equipment.
3. Saving environmental effects, to prevent indiscriminate discharge of waster oil pollution, in order to adapt the concept of environmental protection requirements.



Customers provide the dimension **A** in order to decide the steel belt length for manufacture.

Model : FY-CNC-100 Belt type oil skimmer



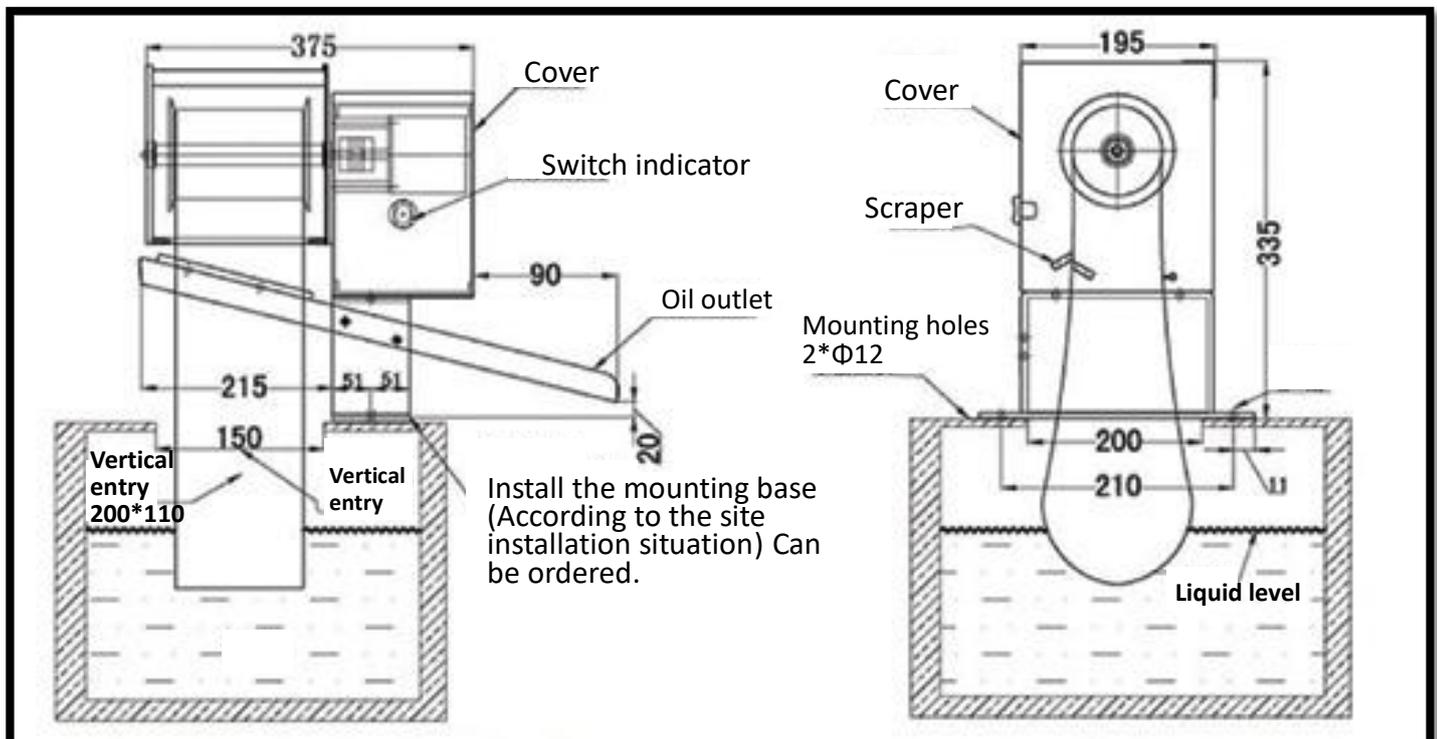
Specification

Steel belt width: 100mm
Degreasing amount: 0 to 30 liters/ hour
Power: 220V/ 50Hz / 25W
Weight: about 14 kg



Function

Special stainless steel ring with excellent water repellency and oil slip resistance, all you can see the oil, it can be absorbed. Mainly applicable to machine tools, washing machine large sinks. Installation: Magnet adsorption or Bolt fixed.



Model : FY-300/400 Disc type oil skimmer

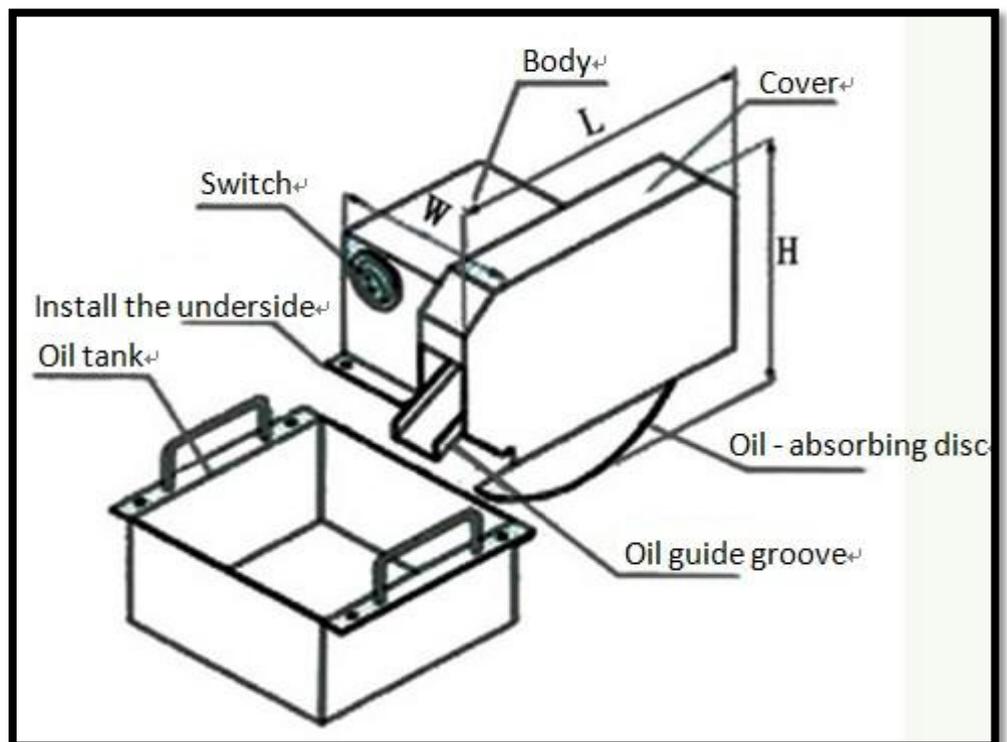
Specification

Specification of Suction plate: ϕ 300
Degreasing amount: 1.5 to 6 liters/ hour
Power: 220V/ 50Hz / 8W
Weight: 7.7 kg
Size (L*W*H): 251*330*315

Specification of Suction plate: ϕ 400
Degreasing amount: 3 to 15 liters/ hour
Power: 220V/ 50Hz / 25W
Weight: 10.6kg
Size (L*W*H): 251*430*420

Products Principle

The principle is to use the suction plate through by the motor to operate, when blowing across the surface with oil and draw away on the suction plate, than aggregate that to the oil trap. It can absorb the surface of oil slicks unceasingly by the motor rotate. It can remove surface oil slick clean. It can be used in a variety of machine tools and can use for a long time. It is conspicuous for more of the metal powder in the cutting fluid or more stable surface of the liquid in the sink.



Model : FY-CNC-50 Belt type oil skimmer



Specification

Steel belt width: 50mm or 70mm

Degreasing amount: 0 to 10 liters/ hour

Power: 110V/220V / 50Hz /60Hz/

The way of Installation: Magnet adsorption or Bolt fixed

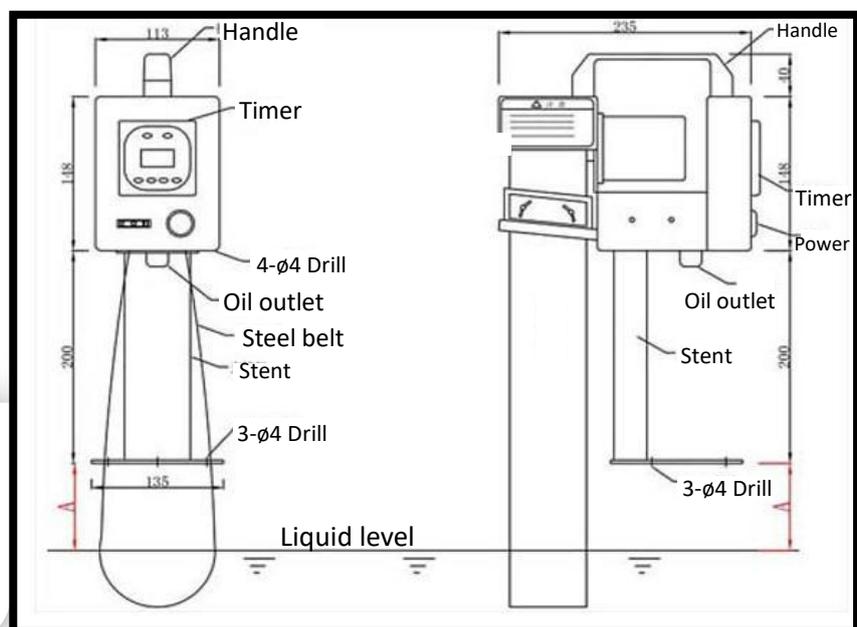
Weight: about 7 kg

start	After 1 minute	After 2 minutes	After 3 minutes	After 4 minutes	After 5 minutes

Function

All series of oil skimmers have been reformed by advanced technology by which several problems shown above are be overcaome.

1. All series of products is able to remove oil by both sides, efficiently remove oil, Reasonable price
2. The superior driving design can avoid whole machine getting wet, use in the environment with high temperature and humid. It won't be influenced by limited water temperature and any environment.
3. All series of oil skimmers have the flexible spring which makes steel belt adjust tightness automatically. Also, the oily dirt can be absorbed by physical change automatically as well – which raises the skimming efficiency.



Customers provide the dimension **A** in order to decide the steel belt length for manufacture.

Model : FY-CNC-80 Belt type oil skimmer



Specification

Steel belt width: 80mm

Degreasing amount: 0 to 35 liters/ hour

Power: 220V / 50Hz / 80W

The way of Installation: Magnet adsorption or Bolt fixed

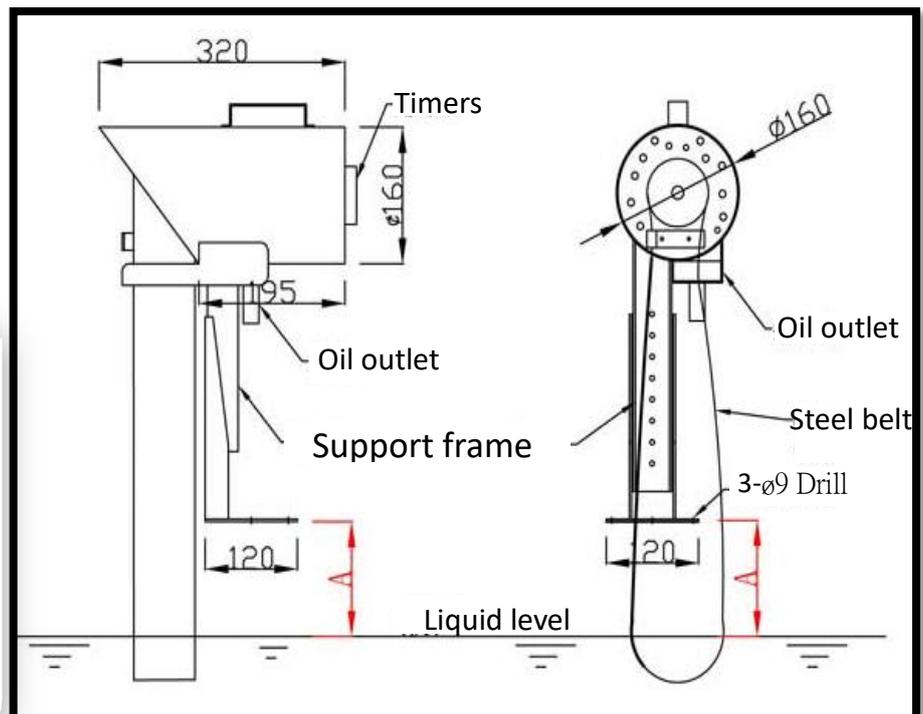
Weight: about 12 kg



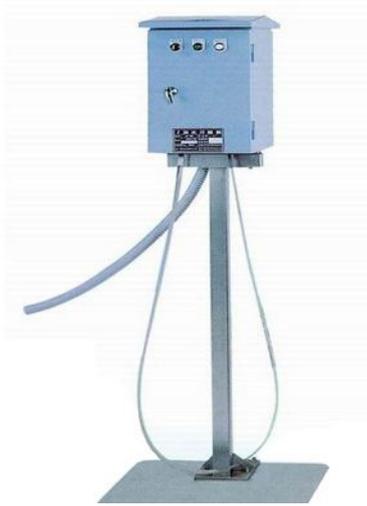
Function

All series of oil skimmers have been reformed by advanced technology by which several problems shown above are be overcome.

1. All series of products is able to remove oil by both sides, efficiently remove oil, Reasonable price
2. The superior driving design can avoid whole machine getting wet, use in the environment with high temperature and humid. It won't be influenced by limited water temperature and any environment.
3. All series of oil skimmers have the flexible spring which makes steel belt adjust tightness automatically. Also, the oily dirt can be absorbed by physical change automatically as well – which raises the skimming efficiency.



Model : FY, Belt oil skimmer



Specification

JF-50

Steel belt width: 50mm
 Degreasing amount: 0 to 40 liters/ hour
 Power: 28W / 220V
 Weight: about 25 kg

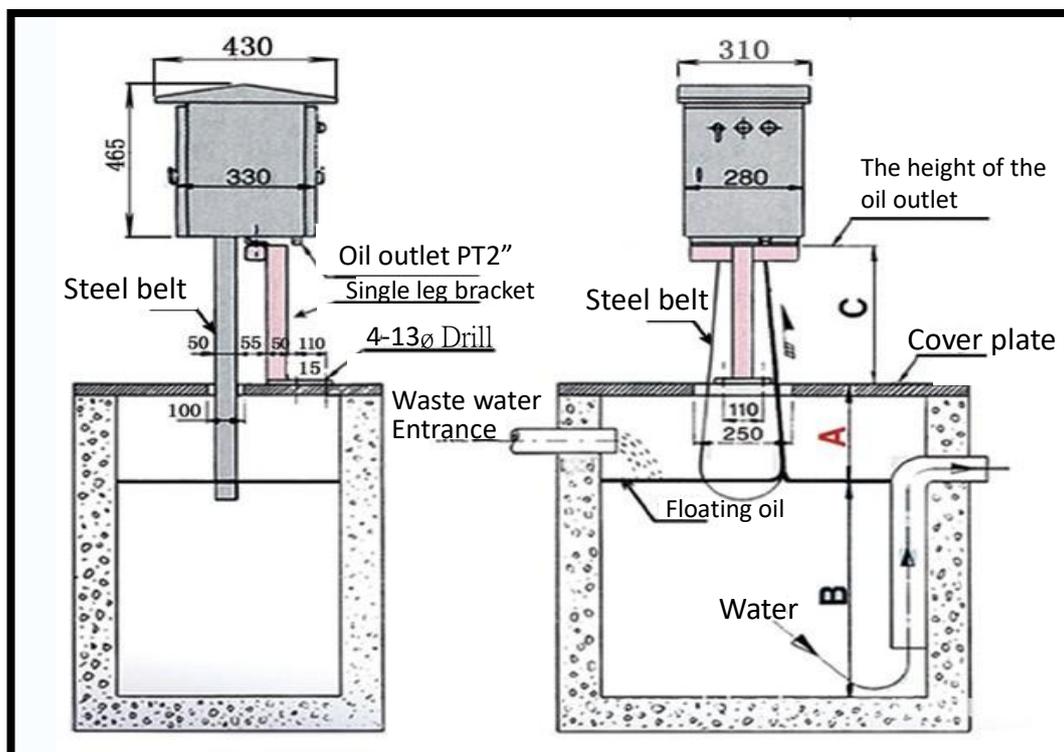
JF-100

Steel belt width: 100mm
 Degreasing amount: 0 to 75 liters/ hour
 Power: 45W
 Weight: about 50 kg



Function

1. With a special oil-absorbing materials processing stainless steel, with a lipophilic hydrophobic properties, oil rate and fast.
2. The recovered oil is very low moisture content, can be used directly or refining reuse.
3. Using the temperature can exceed 120°C, can be used in high temperature environments acid and alkali.
4. Flexible design, according to the environmental requirements making use of the site or configure the strip length, and select standard or non-standard products. As the entire stainless steel, explosion proof, wind-based, anti-vapor type.
5. 24 hours, time proportional control.
6. Economical, low power consumption, without any supplies.



Customers provide the dimension **A** in order to decide the steel belt length for manufacture.

Model : FY-200 Belt oil skimmer



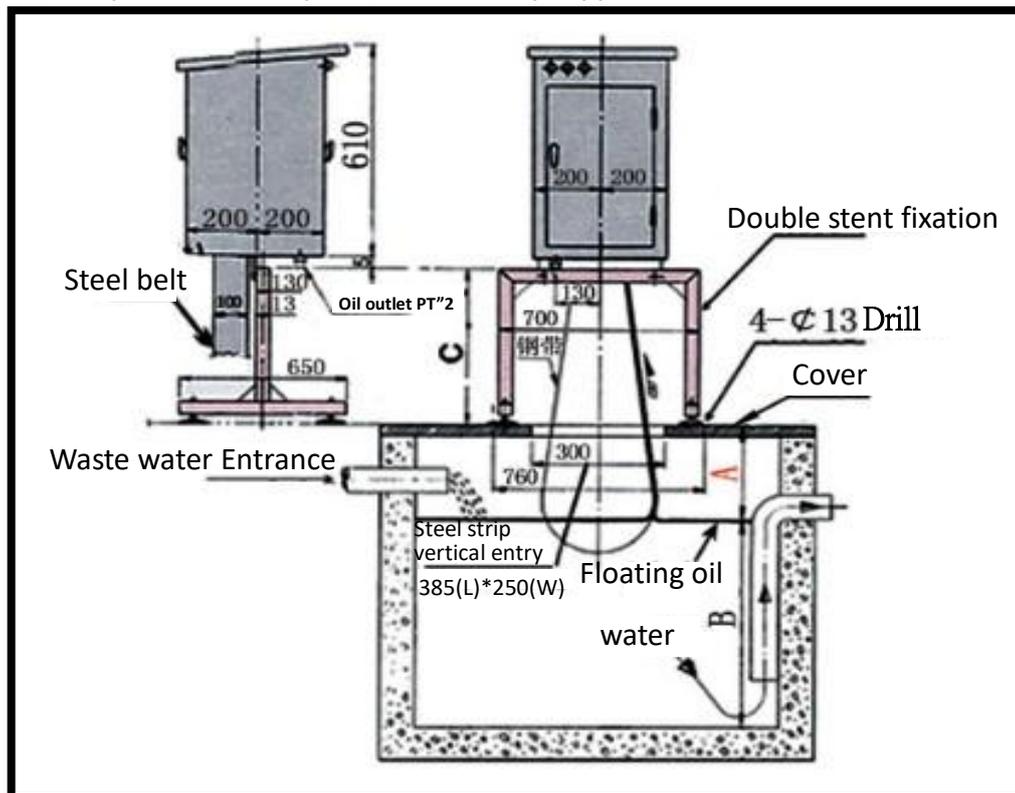
Specification

Steel belt width: 200mm
Degreasing amount: 0 to 150 liters/ hour
Power: 45W / 220V
Weight: about 65 kg
Material of steel belt: Special lipophilic stainless steel



Function

1. With a special oil-absorbing materials processing stainless steel, with a lipophilic hydrophobic properties, oil rate and fast.
2. The recovered oil is very low moisture content, can be used directly or refining reuse.
3. Using the temperature can exceed 120°C, can be used in high temperature environments acid and alkali.
4. Flexible design, according to the environmental requirements making use of the site or configure the strip length, and select standard or non-standard products. As the entire stainless steel, explosion proof, wind-based, anti-vapor type.
5. 24 hours, time proportional control.
6. Economical, low power consumption, without any supplies.



Customers provide the dimension **A** in order to decide the steel belt length for manufacture.

Model : FY-801 Floating ball skimmer



PNEUMATIC

Specification

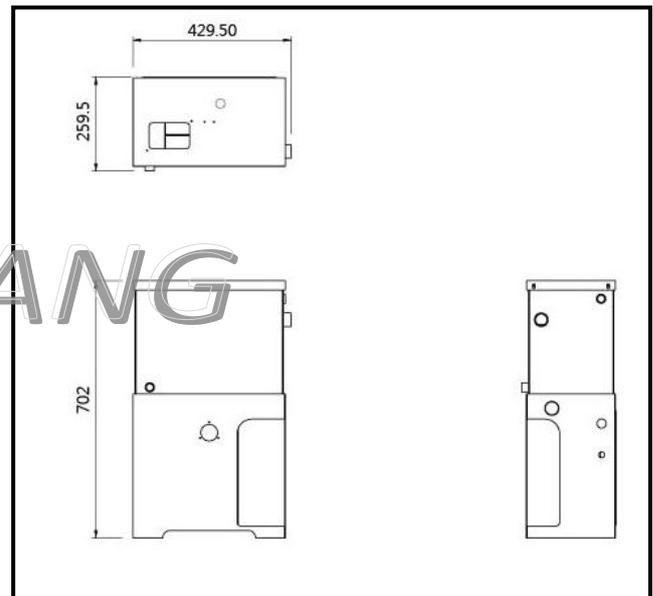
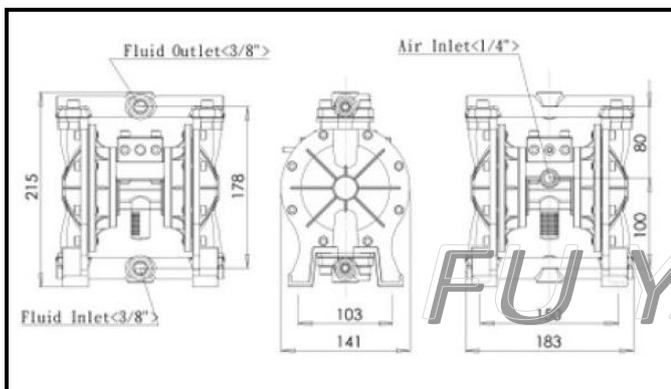
Range of action: 5000mm
Degreasing amount: 0 to 360 liters/ hour
Power: 110V/220V/
Weight: about 30 kg
Material : SUS304
Temperature range : 5-70°C
PH range : $5 \leq \text{PH} \leq 11$
Power : Air Operated Double Diaphragm Pump



Features

1. Separate the waste oil effectively ,
2. Maintenance-free, No consumables , Reduce costs.
3. Separate purer oil with second separation tank.
4. Two filters:

First, there is stainless steel filter which can remove iron filings and other impurities.
Second, there are ten layer filters which can remove feather and shavings.



Model : FY-802 Floating ball skimmer



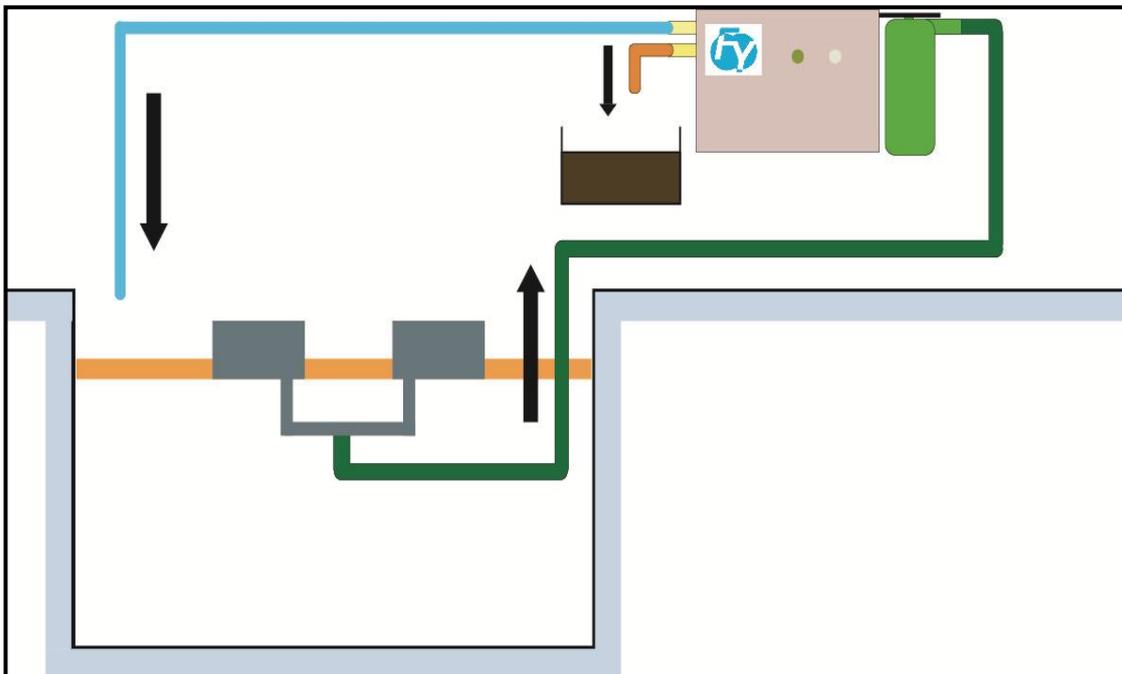
Specification

Range of action: 1000mm
Degreasing amount: 0 to 50 liters/ hour
Power: 110V/220V/
Weight: about 10 kg
Material : SUS304
Temperature range : 5-70°C
PH range : $5 \leq \text{PH} \leq 11$
Power : Electricity



Features

1. Separate purer oil with second separation tank.
2. Timer set.
3. Generate less bubble.



Model : FY-808 Floating ball skimmer



Specification

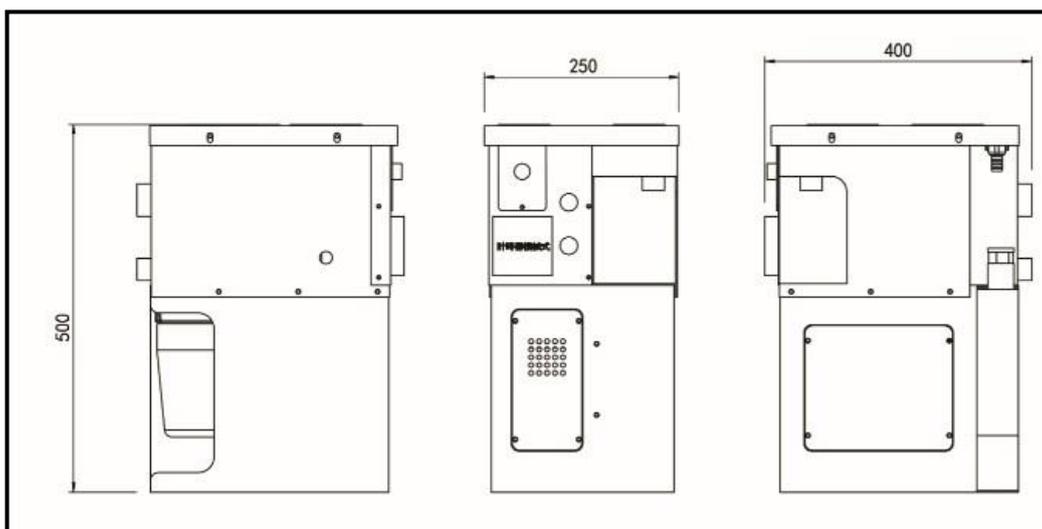
Range of action: 5000mm
Degreasing amount: 0 to 250 liters/ hour
Power: 110V/220V/
Weight: about 22 kg
Material : SUS304
Temperature range : 5-70°C
PH range : $5 \leq \text{PH} \leq 11$
Power : Electricity



Features

1. Separate the waste oil effectively ,
2. Maintenance-free, No consumables , Reduce costs.
3. Separate purer oil with second separation tank.
4. Two filters:

First, there is stainless steel filter which can remove iron filings and other impurities.
Second, there are five layer filters which can remove feather and shavings.





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