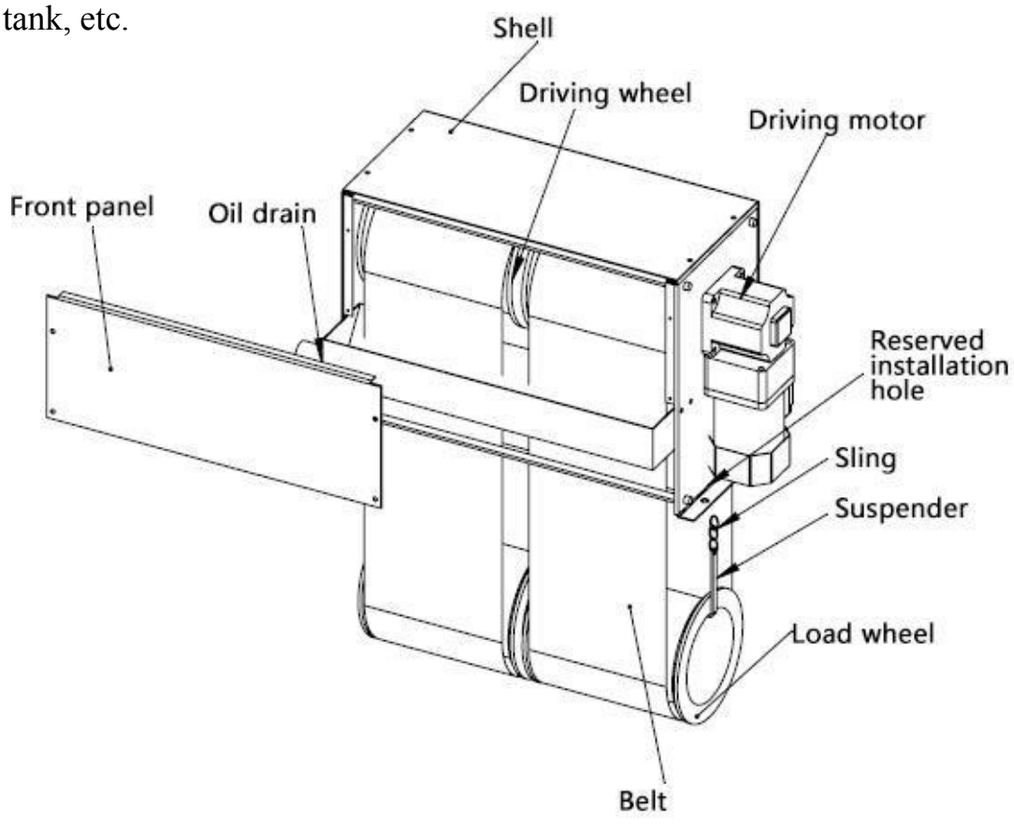
Oil Skimmer

1.Polymer belt oil skimmer

The major belt skimmer couples with stainless steel belt or polymer belt. The skimmer adsorbs floating oil in the water tank or pool , and the waste oil is scraped off by scraper. The oil flows into the collecting tank (oil drain) inside the equipment, and then into the user's oil collecting bucket. It can be used in horizontal flow tank, swirl tank, oil separator tank, air flotation tank, large oil separator, cleaning tank, etc.





Characteristics Advantages:

1.It is more suitable to remove the floating oil with high viscosity at static liquid level

2.As long as the oil viscosity is appropriate, the belt length can be greatly expanded (the belt circumference of standard model is 5 meters, the height difference is about 2 meters, and it might be opportune that actual working condition is no more than 8 meters)

3.It can work continuously for a long time, or set cycle gap with timer Disadvantages:

Compared with the weir oil skimmer, the recovery speed is slower, the oil collection effect is unstable when the water body flows.

Parameters

Model	Recovery capacity	Belt width	Belt length	Motor power
WA-2CR	50L/hour	50mm	Customized	60W speed ratio 1:75
WA-4CR	100 L/hour	100mm	Customized	60W speed ratio 1:75
WA-8CR	180 L/hour	200mm	Customized	60W speed ratio 1:75
WA-28CR	360 L/hour	2*200mm	Customized	90 W speed ratio 1:75
WA-38CR	480 L/hour	3*200mm	Customized	90 W speed ratio 1:75

The installation of the Belt skimmer is simple and convenient. For closed water tanks, install the equipment at the top of the tank. For open pools, it is recommended that customers choose a support structure. The static liquid level and suitable height difference can ensure excellent oil removal effect

Install the oil scraper at the position where it can touch the floating oil.

A hole is opened on the cover plate of the pool, and the Belt skimmer is installed on the cover plate of the pool, fixed by four bolt holes at the bottom. If there is no cover plate at the oil removal site, the support structure can be customized according to the customer's requirements.

The oil scraper is equipped with 3M long cable, and 220 V and 380 V motors can be selected as required.

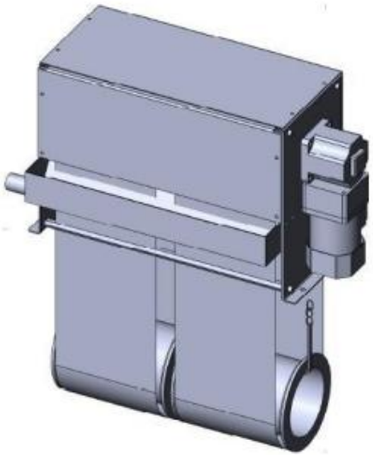
1.Regularly check the condition of belt, replace it in time when it is aging or damaged, and regularly clean up the dirty oil and sundries deposited in the oil sump.

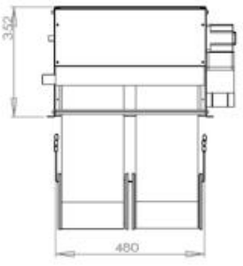
2.When the grease attached to the belt is caked with the belt, it needs to be cleaned with cleaning agent. When cleaning, the action should be gentle, so as not to damage the surface of the oil absorption belt

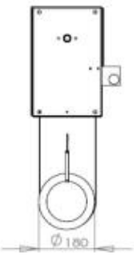
Common faults and troubleshooting methods

Phenomenons	Reasons	Measures
Belt skimmer doesn't work	• There is no electricity, or the plug is not plugged in properly • Motor break	• Plug in • Replace the motor

What is discharged is clear liquid, not floating oil	No oil floats on the surface	Use when there is oil floats
After scraping out the oil slick,it cannot be discharged	Drain tank or hose blocked	Dredge
The belt cannot adsorb grease	Before the belt contacts with grease, a lot of water is attached	Turn off, wait 10 minutes and turn on again
Oil belt slipping	• The wheel has fallen or the fixing bolts are loose • Sloping caused by dirty oil or emulsion	• Reinstall the wheel or tighten the bolts • Replace the O-ring on the drive wheel







Example: wa-28cr L = 486mm, w = 220mm, H = 352mm, opening size: 480 * 200mm The width of the single belt model is the same, and the length is 1 / 2 * L.

Reference of physical installation drawing





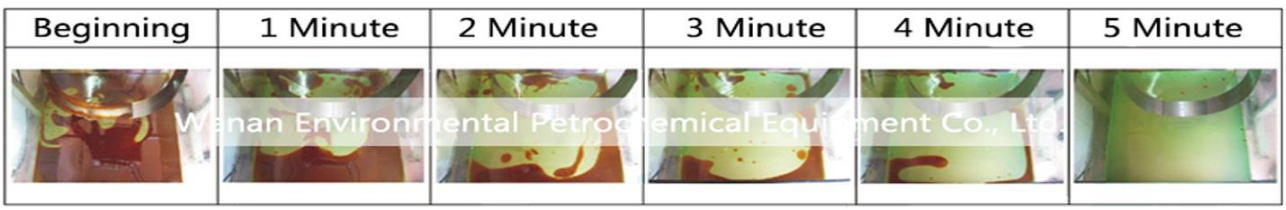
2.Steinless steel belt oil skimmer



Belt skimmers are widely used and can be used in machine tool water tanks, sewage treatment plants, machinery manufacturing plants, steel mills, oil fields, mining, metal processing industries, parts cleaning machines, heat treatment systems, docks, harbors, hydropower plants, Removal of floating oil on the surface of sewage in food processing plants, catering, slaughterhouses, parking lots, car repair shops, gas stations and other service facilities to ensure the cleanliness of water ,to avoid environment pollution.





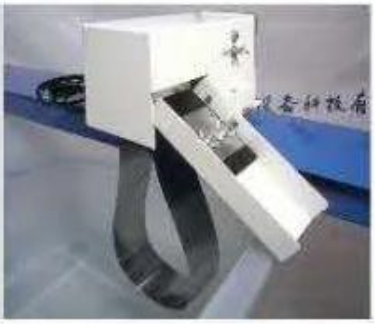


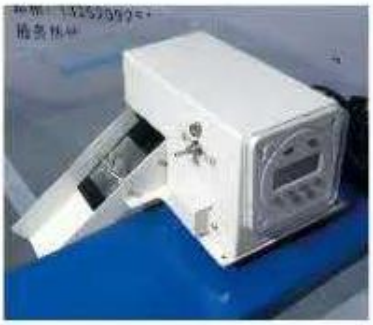
Features:

1. The body is made of Q235 carbon steel, and the surface is subject to high-temperature plasticizing and anti-corrosion heat treatment process design
2. The transmission and electrical parts are completely isolated, and the whole machine is moisture-proof and heat-resistant
3. Equipped with timer, it can set the start and stop at any time, so as to realize

automatic operation
4. The rubber scraper can be adjusted to ensure complete oil removal
5. The oil belt is designed according to the site conditions
6. Customized corrosion-resistant and explosion-proof steel belt skimmer

Model : WA-6L
Recovery Capacity : 6L/hour
Power :6W
Voltage : 220V
Belt Width : 50mm
Size : 187*95*136mm









Model : WA-13L
Recovery Capacity : 13L/hour
Power :13W
Voltage : 220V
Belt Width : 50mm
Size : 200*110*145mm

Model : WA-25L
Recovery Capacity : 25L/hour
Power :18W
Voltage : 220V
Belt Width : 70mm
Size : 235*113*380mm









Model : WA - 34~45L
Recovery Capacity : 35~45L/H
Power :25W
Voltage : 220V
Belt Width : 80~100mm
Size : 320*160*380mm

Model : WA-50~120L
Recovery Capacity:50~120L/H
Power :25-60W
Voltage : 220V
Belt Width : 100~200mm
Size : 380*220*360mm
520*220*360mm







Model : WA-350~500L
Recovery Capacity : 350~500L/hour
Power :400W
Voltage : 220V
Belt Width : 200mm
Size : 1300*550*1180mm



Model : WA-75~150L
Recovery Capacity : 75~150L/hour
Power :40~80W
Voltage : 220V
Belt Width : 100~200mm
Size : 410*500*1400mm