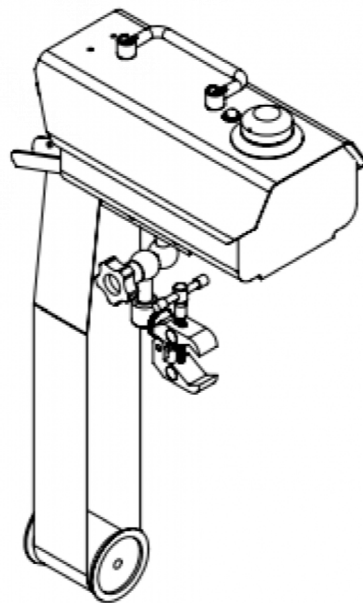




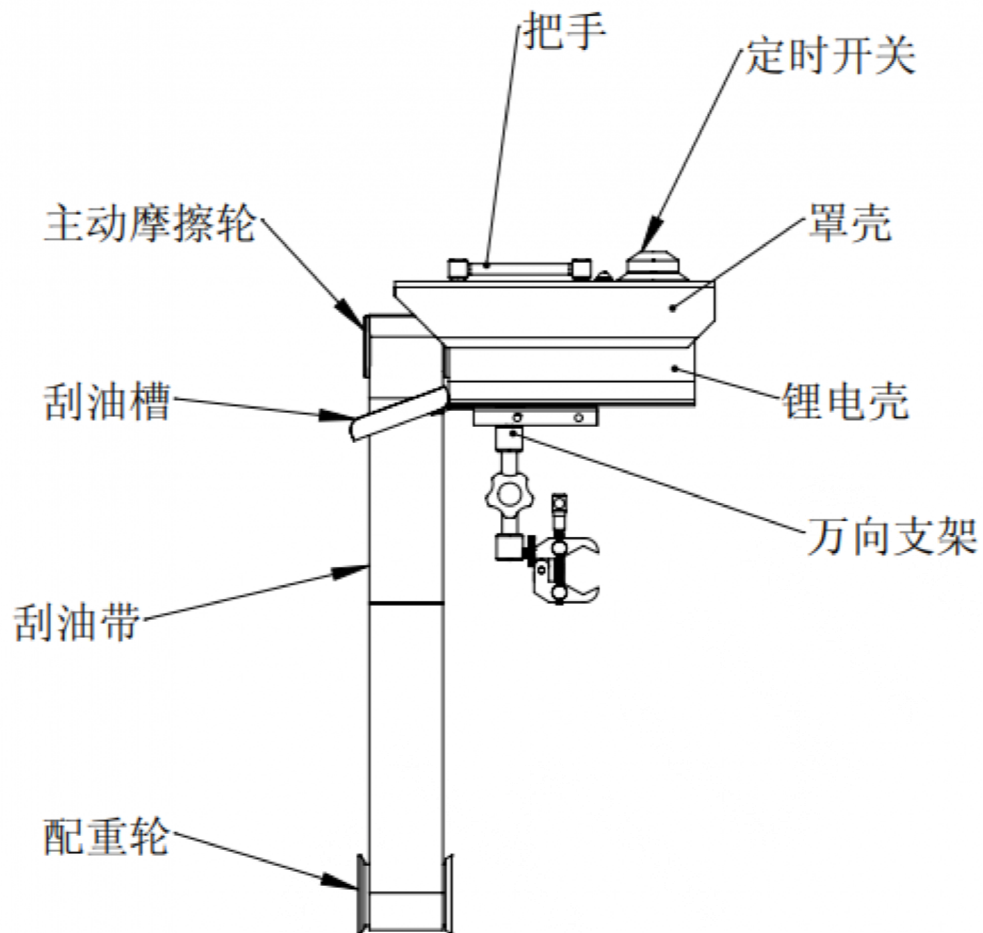
Product introduction of portable small universal belt skimmer:



The DC-MNC portable belt skimmer produced by our company is a small-scale oil-water separation equipment widely applicable in various industries, which can achieve online operation of oil-water separation devices. The portable and movable belt type floating oil removal machine

belongs to a small floating oil removal device, which is small in size and can be directly connected to the working mother machine. Widely used in metal working fluid removal, generator set cooling circulating water/liquid, ultrasonic cleaning machine, coating cleaning equipment degreasing tank degreasing, and chemical storage tank surface degreasing in CNC machine tools, CNC lathes, CNC machining centers, grinders, and other machine tools. It can also be easily carried, and a large amount of oil-water mixture is generated during the production, cleaning, spraying, testing and other processing and detection processes on the production line. Due to the practical needs of clean production and environmental protection emissions, various oil-water separation equipment such as fixed belt type, weir type floating oil machine, and precision oil-water separator are usually equipped in each main link to carry out standard oil-water separation treatment for sewage. However, for some unavoidable dead corners and scattered processes such as maintenance, testing, and rework, the separation and treatment of oil and water in these dead zones mainly rely on manual skimming, which not only increases the workload but also has a significant negative impact on the cleaning production effect due to the special location of the dead corners, which is difficult to clean, So a portable and easy to install small universal oil skimmer is needed to solve the above problems in real-time at any time.

—. Main features:



1. All aluminum alloy shell, with a high-temperature and steam resistant structure, mainly suitable for removing floating oil from highly corrosive liquid surfaces such as metal processing fluid tanks in machining centers, ultrasonic cleaning equipment, and chemical storage tanks.

2. It can be disassembled and moved at any time. A universal bracket has been added at the bottom of this machine to clamp onto the table and various protruding thin plates, and can be adsorbed on various steel surfaces in conjunction with a magnetic base. The working hours from a single working face for a few minutes to within 2 hours can be met, and can be installed and disassembled as needed.

3. The use of a lightweight aluminum alloy casing and a micro

reduction motor ensures that the weight of the entire machine is controlled below 5KG, making it easy to carry, and the energy consumption is controlled within 25W, making it more durable in power shortage situations.

4. The bandwidth of the oil scraper belt is 60mm, and the circumference of the belt is controlled within 2.5 meters. It can be quickly replaced with various materials such as steel tape, PU tape, single sided velvet tape, etc. to adapt to different high, low temperature, acidic and alkaline media

5. Lithium batteries equipped with rechargeable new energy lithium batteries ensure continuous operation for more than 2 hours in power free situations

6. Equipped with a mechanical timing switch for control, in addition to reducing energy consumption without electricity, there is no need to manually control the shutdown, further reducing the water content in skimming oil

7. Low usage and maintenance costs, with almost no subsequent maintenance except for regular replacement of the oil scraper belt

The processing efficiency and operational convenience of this device have been greatly improved in practical use. This provides an economical and practical solution for the demand for floating oil collection in various situations that require multi-point dispersion.

2、 Main function:

1. Increase the service cycle of metal working fluids, emulsions, and cleaning fluids, thereby achieving the goal of reducing operating costs.

2.

It can protect user machine tools and improve the functional

efficiency of cleaning equipment cleaning fluid.

3. Resource conservation and environmental protection, preventing the indiscriminate discharge of waste oil from polluting the environment, thus adapting to the requirements of environmental protection concepts.

3、 Main technical parameters of DC-MNC belt skimmer:

Scraper belt width: 60mm

Oil absorption range: 0-10 liters/hour (varies depending on the thickness of the oil layer)

Power: 10W~25W

Power supply: single-phase 220V/50Hz/(equipped with lithium battery type that can operate continuously for about 2 hours after power outage)

Weight: approximately 2.5-3.5kg

model	DC-MNC-60	DC-MNC-60-LI
Scraping bandwidth mm	sixty	sixty

Motor power W	25W	25W
Power Supply	AC220V	Lithium battery (rechargeable)
Maximum skimming capacity	10L/H	
Applicable medium pH	PH 2.5-9.5	
working temperature	0~80℃	
Applicable medium	Diesel, light lubricating oil, mineral oil, and other fluids	
Medium viscosity	50~150 cSt	
Host volume (L * W * H)	285*145*125	350*145*125
weight	About 2.5kg	About 3.5kg

Note: Standard models are equipped with a timing switch, which can be set to automatically start (stop) and operate. Other requirements can be customized.

The overall dimensions are shown in the figure below (the actual dimensions may be slightly adjusted according to user requirements)

DC-MNC-60

