

External-Fed Rotary Drum Screen

LR-TYPE



Create, Service, Quality, Win-Win

External-Fed Rotary Drum Screen

特 點

● LR 生活污水專用

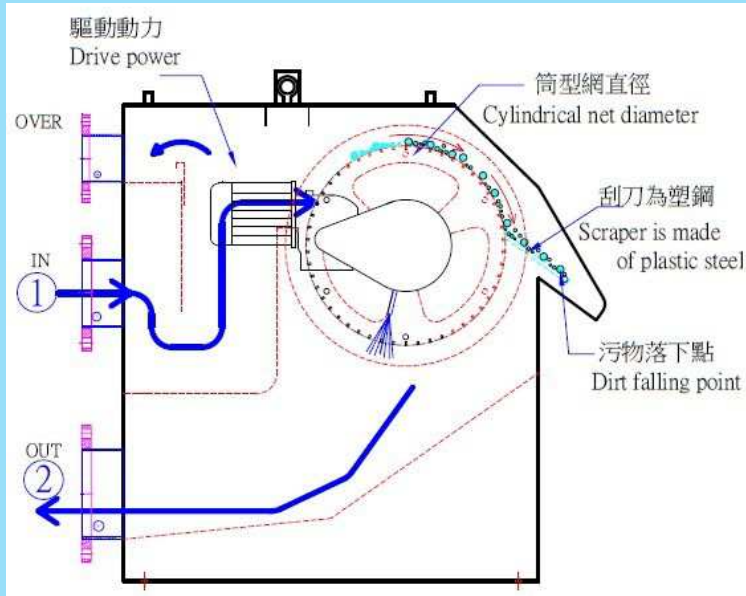
LR-120



1. It's used to solid-fluid-separator of sewage for buildings, community dwellings, and shopping malls.
2. The main part of equipment is SUS-304. It is strong and durable.
3. The inner-washing for screen will not splash the environment.
4. The elaborate structure is suitable for mass processing volume but small space.



Sewage Flow Direction



The sewage will enter the machine from #1 position. The machine will separate the dirt, which is bigger than mesh, from original waste water. Following the rolling screen, the contact surface of screen and the flow direction will be parallel gradually. Then the filtered water will discharge from #2 position. It causes that the speed of original water flow becomes the power of washing away the dirt, and causes the water lasting to go through the net and to loosen the dirt of screen.

Operation Principle

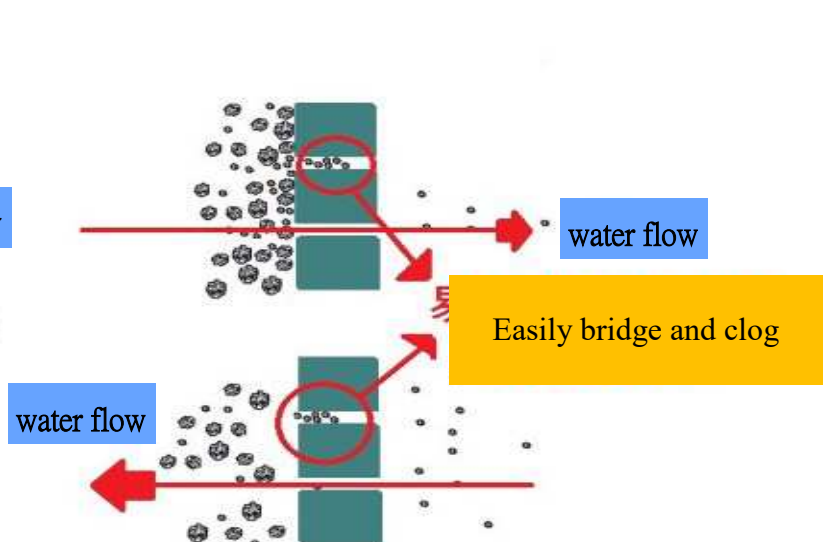
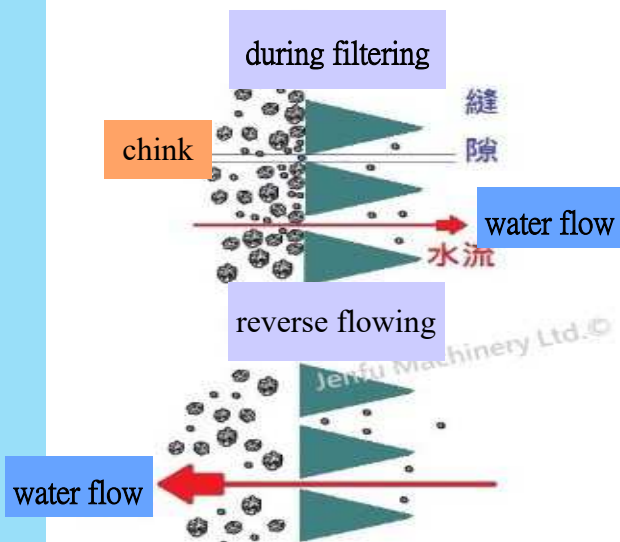
The operation principle of External-Fed Rotary Drum Screen: Firstly, lead in the sewage to the equipment. Let sewage flow to screen by divergence of power (ex, speed or potential energy). The first contact positions become vertical staggered side by screen and flow direction. Therefore the impurities will adhere to the surface of screen.

When the impurities follow the cylinder to roll ahead, the scraper will scrape dirt away from cylinder. Then the dirt will flow to a dirt-collecting container. Otherwise, after scrapping, some little dirt, which is on surface of cylinder and aperture, will be roll to washing area. Then a row of spray will wash away the dirt and clean the net. And the sewage will be collected to another container.

By repeating the aforementioned processes of filtering - spray dirt - washing again and again, it can reach the best filter function.

Triangle Wedge Screen
Less Clogging

Normal straight hole
Clogging easily



Compare the Wedge screen for New and Old Type

Cleaning Pump of Wedge Screen
(Type P) High Pressure 25kg/cm²

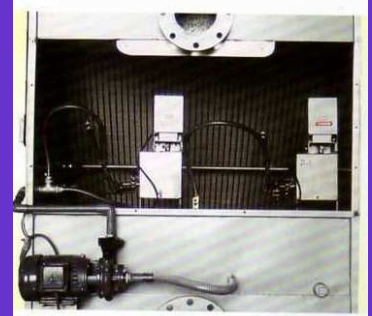
免工具即可拆卸濾網



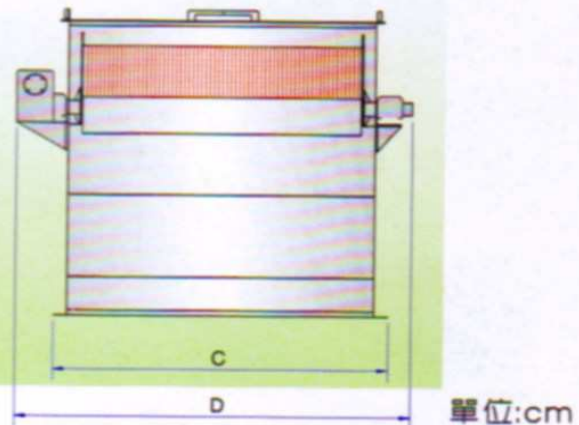
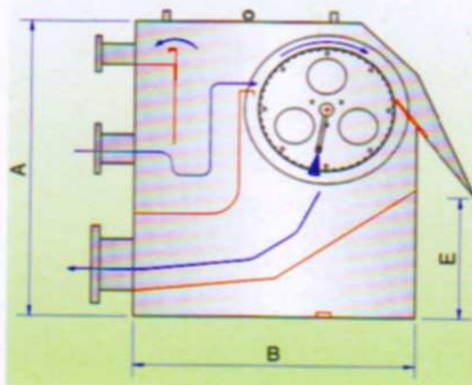
濾網有無水切之比較



Cleaning Pump of Wedge Screen (Type V) Middle Pressure 1.2kg/cm²



齒輪式逆向清洗機(無耗材)



Model	A	B	C	D	E	Watering In	Discharge	Reverse flow	Driving power	Pressure Pump for washing screen	Processing Volume (Clean water) (M ³ /Hr)
LR-60	115	100	80	102	63	2" ~4"	3" ~6"	4"	0.18KW	0.37KW	20~100
LR-120	115	100	140	162	63	3" ~6"	4" ~8"	6"	0.37KW	0.75KW	40~200
LR-240	115	100	260	172	63	5" ~8"	8" ~12"	8"	0.37KW	1.5KW	80~400

★ The specification is just for your reference. You will not be notified when it is changed.

★ The water volume of processing will be changed by filter screen space and water quality.

★ Filter screen space is (0.3), (0.5), (1.0), (1.5), (2.0), or(3.0).....m/m



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