



天河水务

## SXW型自清洗旋转式细格栅

TYPE-SXW SELF-CLEANING ROTATING FINE GRID

## ● 用途 Applications

主要用于市政污水厂、造纸废水、屠宰废水、食品加工废水、酒厂废水等场合，主要去除水中的细小漂浮物及废渣等。

Mainly used for municipal wastewater treatment plant, wastewater, slaughterhouse wastewater, food processing wastewater, winery wastewater and other occasions, mainly to remove water and other small floating debris and waste.

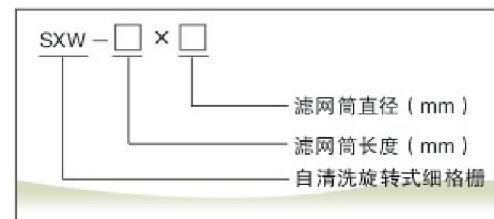
## ● 工作原理及构造 Working Principle and Structure

污水通过进水管流入进水槽，沿布水槽的隔板上升至过滤水位位置，均布于滤网栅筒的表面，污水通过楔形栅隙流入栅筒内部，通过栅筒下部流出，进入下部的渠道中。细小漂浮物被网筒截留，通过栅筒的旋转，带至出渣口处，被刮料刮板刮除，落入下部的输送机或栅渣车中，从而完成漂浮物的去除过程。栅筒内部设置清洗机构，通过高压水流对栅筒进行清洗，从而保证栅筒有良好的过滤效果。

## ● 特点 Features

- |               |   |
|---------------|---|
| 1、连续分离，效率高；   | 1、continuous separation, high efficiency; |
| 2、结构紧凑，占地面积小； | 2、compact structure, small size;          |
| 3、楔形网筒，不易堵塞；  | 3、wedge-shaped mesh tube, clogging;       |
| 4、转速可调，处理能力大。 | 4、adjustable speed, large capacity.       |

## ● 型号示例 Type and Its Indication



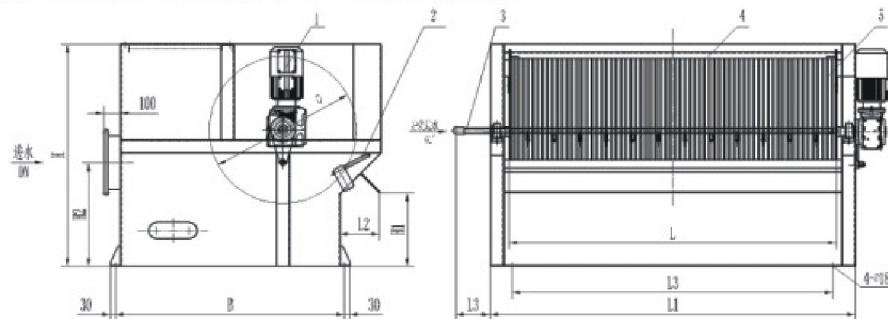
Sewage flows into the tank through the inlet pipe, the separator tank up along the cloth to filter water position, are distributed in the surface of the filter tube grid, the sewage flows through the gap wedge gate gate tube inside out through the lower gate tube into the lower part of channel. Small mesh tube floating debris to be retained by gate cylinder rotation, with the mouth to the residue was unloading scraper scrape, fall into the lower gate slag conveyor or car, thus completing the process of removal of floating debris. Within the set gate tube cleaning agencies, through the gate cylinder high-pressure water cleaning, to ensure good grid tube filtering effect.



## ● 技术性能参数 Technical Parameters

型号	栅筒转速 (r/min)	电机功率 (kW)	栅隙(mm)与过水流量 (m³/h)				
			0.5	1.0	1.5	2.0	2.5
SXW-600×500	2.4~12	0.75	60~70	100~110	130~140	150~160	170~180
SXW-600×750			100~110	170~180	220~230	250~260	280~290
SXW-600×1000			150~160	240~250	310~320	350~360	390~400
SXW-900×1000		1.1	220~230	370~380	470~480	530~540	590~600
SXW-900×1500			350~360	580~590	730~740	830~840	920~930
SXW-900×2000			480~490	790~800	990~1000	1140~1150	1260~1270

## ● 型号规格与外形尺寸 Shape and Size



1. 减速机 2. 刮渣板 3. 冲洗系统 4. 网筒 5. 箱体

型号	Φ	L	B	L1	L2	L3	H	H1	H2	DN
SXW-600×500	600	500	1100	700	135	410	1060	255	485	DN200
SXW-600×750	600	750	1100	950	135	710	1060	255	485	DN200
SXW-600×1000	600	1000	1100	1200	135	960	1060	255	485	2-DN200
SXW-900×1000	900	1000	1400	1200	200	960	1360	450	635	DN300
SXW-900×1500	900	1500	1400	1700	200	1460	1360	450	635	2-DN200
SXW-900×2000	900	2000	1400	2200	200	1960	1360	450	635	2-DN300