

KLCS Rotary Coarse Screen

KLCS Rotary Coarse Screen is a device which automatically removes various impurities. It is a pretreatment separation equipment with good treatment effects, which currently, is widely used in various industries in wastewater treatment facilities.



1. Equipment Features

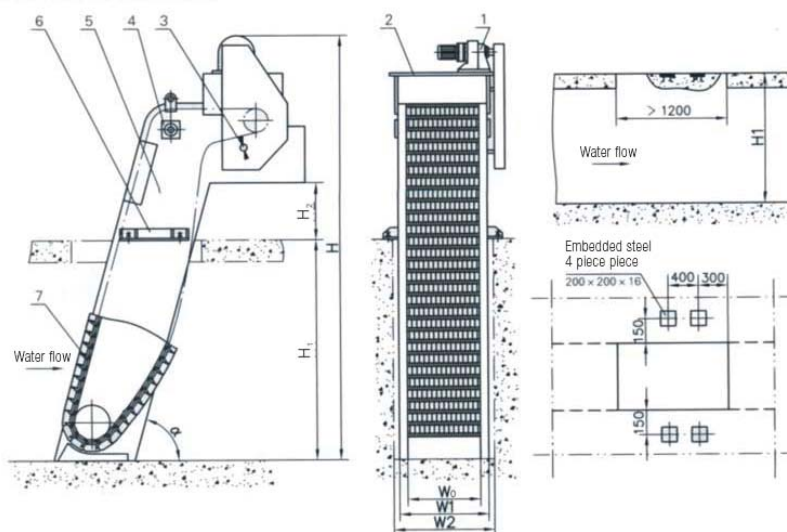
- 1.1. This equipment is an integral structure. Its working depth, width and the diameter of required intercepted dirt are made according to the manufacturing requirements. The installation is extremely convenient. The equipment is fixed on the water inlet channel by only four basal bolts. The electric control box can be ready for use when connect to power supply.
- 1.2. Main components: grating chain composed by tooth harrow, stainless steel; ABS engineering plastic or nylon manufacturing, in the transmission system with overload safety pin, good corrosion resistance, long service life, less mechanical failure without underwater repairs.
- 1.3. Energy saving: only provide a small power motor, without other power source; no noise, convenient operation, continuous work, discontinuity allowed, environmental hygiene.
- 1.4. To facilitate the automatic control.

Table 1 Specification and Parameters

Model Specification	KLCS 300	KLCS 400	KLCS 500	KLCS 600	KLCS 700	KLCS 800	KLCS 900	KLCS 1000	KLCS 1100	KLCS 1200	KLCS 1300	KLCS 1400	KLCS 1500
Valid Grating Width W_0 (mm)	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500
Equipment Width W_1 (mm)	650	750	850	950	1050	1150	1250	1350	1450	1550	1650	1750	1850
Canal Width W_2 (mm)	370	470	570	670	770	870	970	1070	1170	1270	1370	1470	1570
Installation Angle (α)	60°~ 85°												
Tooth Harrow Interval (mm)	1 ~ 20												
Motor Power (kW)	0.55 ~ 3.0												
Grating net Movement Velocity (m/min)	About 2												
Canal Depth H_1 (mm)	Customize												
*Deslagging Height H_2 (mm)	400												
Equipment Total Height H(mm)	$H_1 + H_2 + 1218$												

* If deslagging height is different from the height mentioned in the table above, please specify the height in the contract.

2. Equipment Outline and Schematic Diagram



1. Transmission device 2. Reducer pedestal 3. Rotary brush 4. Steerable wheel set 5. Body frame 6. Abutment 7. Grating net