



Mobile grab grid decontamination machine

Purpose and introduction:

HYD mobile grab grid decontamination machine is applicable to the water inlet of large and medium-sized water intake structures, such as rain / sewage pump station, urban flood control pump station, sewage treatment plant, water plant / power plant, etc., to intercept and remove coarse floating objects and garbage in the water body.



Structure and working principle:

- Hyd mobile grab grid trash remover is a hanging and grab structure, which is composed of guide rail, trash cleaning trolley, grab unit, trash rack and electrical control system;
- The roller of the cleaning trolley moves in the guide rail, which is supported by several gantry frames;
- The cleaning trolley is combined with the grab lifting device and the hydraulic claw closing actuator to work with the operation of the cleaning trolley;
- The grab unit comprises the grab itself, a steel wire rope lifting device and a hydraulic claw closing device.

Technical parameters:

Model	HYD1000-2000	HYD2100-3000	HYD3100-5000
Grab width	1000-2000m	2100-3000mm	3100-5000mm
Grab working load	500kg-1000kg	1000kg-1500kg	1500kg-2500kg
Grating installation angle	70° -90°	70° -90°	70° -90°
Maximum depth of grating	15m	20m	30m
Grid gap	20-200m	30-200mm	40-300mm
Increase motor power	1.5-5.5kw	2.2-5.5kw	4-7.5kw
Lifting speed	5-20m/min	5-20m/min	5-20m/min
Power of traveling motor	0.37-1.1kw	0.55-1.5kw	0.75-1.5kw
Walking speed	<25m/min	<25m/min	<25m/min
Hydraulic motor power	1.1kw	1.1-1.5kw	1.5kw
Max Mpa	120bars	120bars	120bars