



Spiral press

Purpose and introduction:

HLY screw press will drive the floating objects in the water picked up by the grid trash remover into the main body of the press by the screw, which will be pressed and dehydrated in the transmission process, and finally the pressed slag will be discharged into the collection



container, making it easier for the waste to be transported, buried and incinerated.

HLY screw press is suitable for grid slag treatment of sewage treatment plants, waterworks and municipal rainwater and sewage pumping stations in cities and towns and planned communities.

Structure and working principle:

The press is composed of the following parts: power device, press main body, feeding and discharging device, electrical control box, etc. The power unit adopts shaft mounted reducer, which has compact structure and convenient installation and maintenance. The main body of the press is composed of compression pipe and screw. The screw is made of stainless steel with high strength and corrosion resistance.

The press has a low feed surface, so that the waste directly enters the press from the grid. The length of the feed port and screw is suitable for extruding all kinds of waste.

Since there are no high-speed running parts in the equipment, the wear of the transmission screw is low, the equipment energy consumption is saved and the noise is low.

The material is transported from the feed port by the screw and is extruded and dehydrated during the transportation process. Through the discharge pipe and then into the material container, the waste water is extruded and separated in the press, and then enters the water tank for discharge. The whole working process is carried out in the closed steel pipe, which reduces the noise interference and the discharge of odor. Ly screw press provides a good working environment and is a good helper for environmental protection.

Main technical parameters:

Model	HLY-200	HLY-300	HLY-400
Screw outer diameter (mm)	200	300	400
Screw speed (r/min)	5. 2r/min		
Processing capacity (m ³ /h)	1. 0	2. 0	4. 0
Moisture content: before treatment			
Moisture content: after treatment			
Motor power (kw)	1. 1	2. 2	4
L	1500	1800	2000
H	430	500	600
B	360	430	560