

## WCH series domestic sewage cut sterilizing storage tank



The storage tank is used to store raw sewage or sludge disposed by the sewage treatment plant on various kinds of ship.

The storage tank has the function of reagent adding sterilizing, sludge cutting, flushing and discharging the treated sewage overboard. Simple structure, convenient to operate, the quality of treated sewage meet the IMO disintegrator and sludge-collected tank.

The storage tank has shatter pump low-level-stop and high-level-alarm installation.

## Principle Description

The storage tank is used to store raw sewage or remaining solid sludge disposed by the treatment plant. When it stores raw sewage, a certain amount of chloride can be added into the sewage. When the sewage reaches to specified level, the shatter pump is started to convert solid sludge into small particle sludge by circulating repeatedly and same times, add added sodium hypochlorite for sterilizing Then turned the valve, the sludge can be transported to the receiving devices on the shore through pipe or it can be discharge overboard when the ship navigates at the non-restricted areas.

The system principle diagram and structure drawing see drawing 1 and 2.

## 主要技术性能参数 ( Main Technical Performance )

排放水质: Quality of Effluent

大肠菌群数  $\geq 1000$  个/100ml, 并无可见悬浮固体。

Coliform  $\geq 1000$  / 100ml, No visible suspended solids

最大配置功率: Max. Power:

WCH-0.3-0.5	0.75-1.1 kw	380V	50Hz
WCH-1.0-4.0	1.50-2.2 kw	380V	50Hz
WCH-5-20	3-4 kw	380V	50Hz