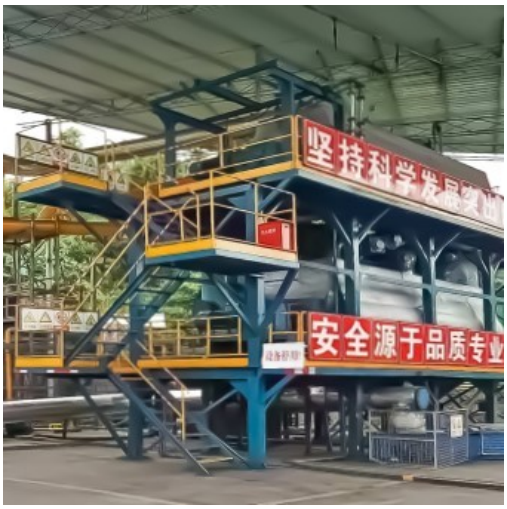
Sludge Treatment Pyrolysis Plant

Item Number: KSTE



Introduction

Pyrolysis technology is an effective oil sludge treatment method. It is a new type of technical method commonly used in the harmless treatment of oil sludge.

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Step 1: Feeding	According to the cause of sludge or the state of existence, liquid or solid-liquid mixed sludge can be injected into the heating host using a suction pump, and solid can be injected into the heating host using a shaftless screw feeder , close the loading door after loading.
Step 2: Heating	Use natural gas and non-condensable gas to heat the reactor evenly, and the temperature will gradually rise to about 260 degrees after heating for about 2 hours. The oil goes into the intermediate tank.
Step 3: Non-condensable gas treatment	Non-condensable gas (C1-C4 components) flows into the oil tank together with the oil, and this part of non-condensable gas passes through 2 water-sealed fire arresting devices and 1 fire arresting device Finally, it goes into the furnace and is fully burned by the burner, which can also save a large part of fuel.
Step 4: Smoke and dust treatment	All the smoke and dust produced by combustion are pumped into the general dust removal system by a special induced draft fan for treatment. The treated smoke and dust are white water vapor without black particles, and then the water vapor will enter industrial purification The device carries out standard emission treatment to ensure that the emitted smoke and dust emissions meet the emission standards required by Huanbai.
Step 5: Slag discharge	After the temperature of the reaction kettle drops below 80 degrees, open the slag discharge door, connect the automatic slag discharge machine to start slag discharge, and the discharged slag is transported to the slag storage bin by the negative pressure air conveying equipment through the pipeline , to ensure that the slag discharge process is dust-free.

Model	Host volume	Daily throughput	total operating power
2600*6000	31.8 cubic meters	9-10 tons	20 kW/h
2600*6600	35 cubic meters	10-12 tons	20 kW/h
2800*6600	40.6 cubic meters	12-14 tons	20 kW/h
2800*7500	46.2 cubic meters	15-18 tons	26 kW/h
2800*8000	49.2 cubic meters	18-20 tons	30 kW/h