

SN-PB(018)-BIOSEP LS-TM

# BIOREM BIOSEP BELT PRESS DEWATERING SYSTEM

## Model LS-TM

### Principal Use

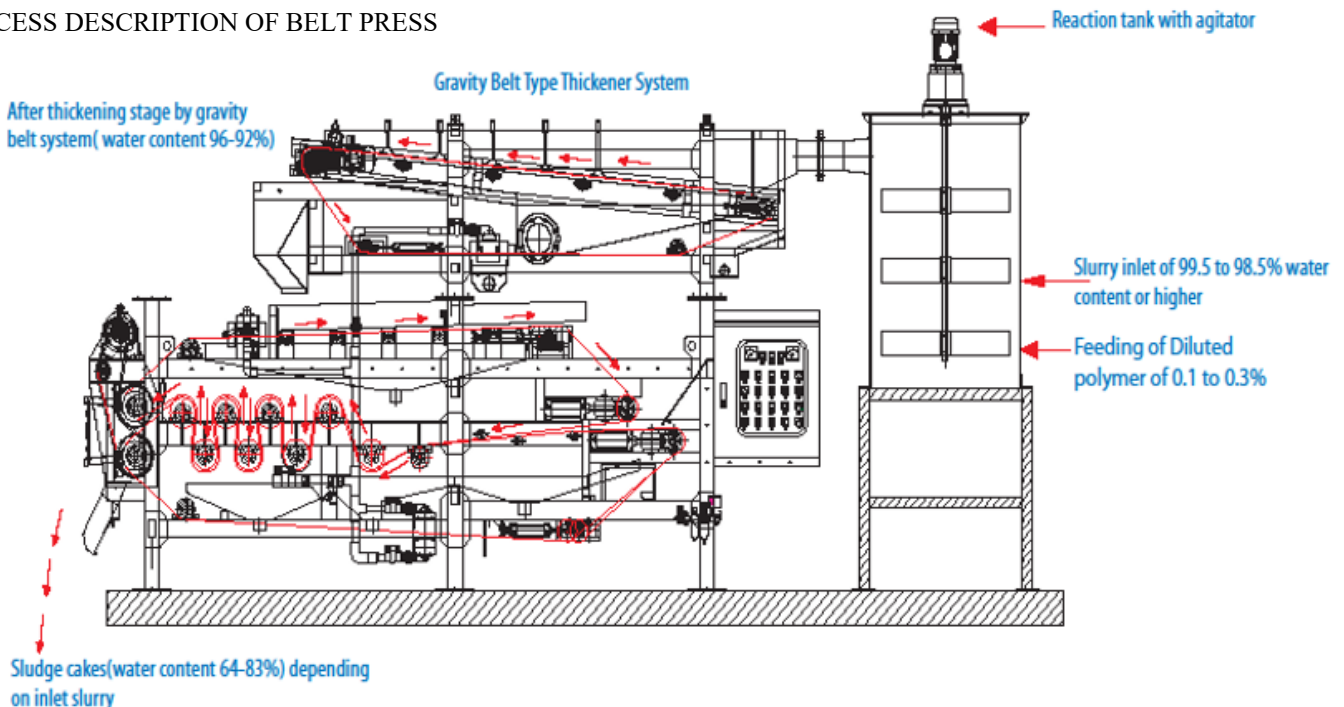
Belt press is a sludge dewatering machine that is used for **continous desludging** of POME sludge amongst other processes.

@It is a combination of chemical and mechanical process at which POME slurry of low to medium solids content (ranging from 1.5 to 5% solids content) is first chemically treated with polymeric flocculants and later subject to gravity thickening and lastly the shear and lateral pressing force creating the belt press system.

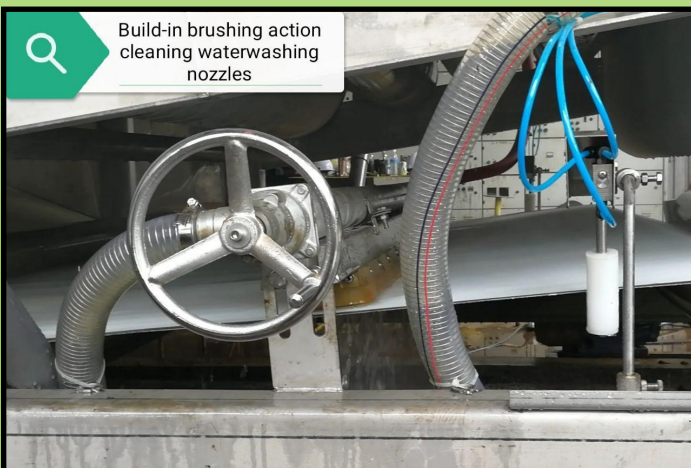
@Compared to other process, it is relatively simple, low power consumption and lower investment with high throughput.



### PROCESS DESCRIPTION OF BELT PRESS



### Unique Design and Features of BioSEP system



### Material of Construction

- @body and structure constructed of SS 304 material
- @Belt driving motors is of international brand or equivalence
- @Imported belt cloth from Sweden or Germany
- @Electronic components from ABB or Sneider or equivalent brands