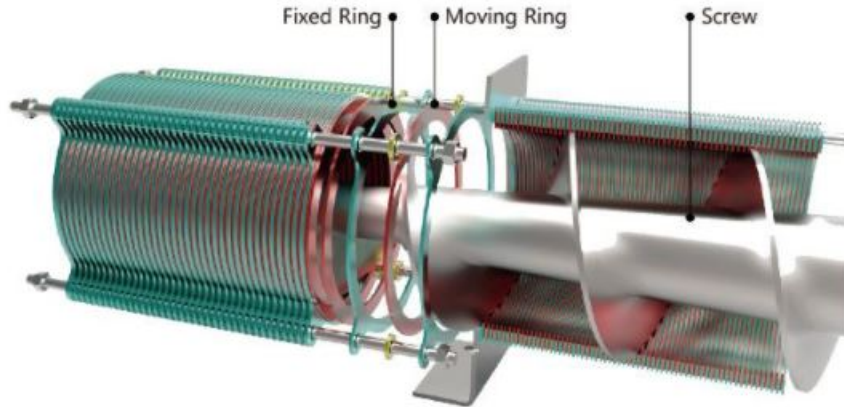


Operating Principle



- Structure Principle

Layers of spacers, fixed and free rings are secured in place by rods. The inner diameter of the free rings are slightly smaller than the screw major diameter, laying on the screw crest & continuously moving up and down following the screw rotation, & creating a self cleaning effect.

- Dewatering Principle

The screw pitch & the zone in between becomes smaller towards the end plate, which gives pressure to dewater the sludge.

- Dewatering Zone

Dewatering drum is comprised of interlaminated fixed rings and moving rings. Filtrate is discharged from the gaps between the rings.

- Clog-free Structure

Moving rings are mobilized by the screw to prevent clogging.

