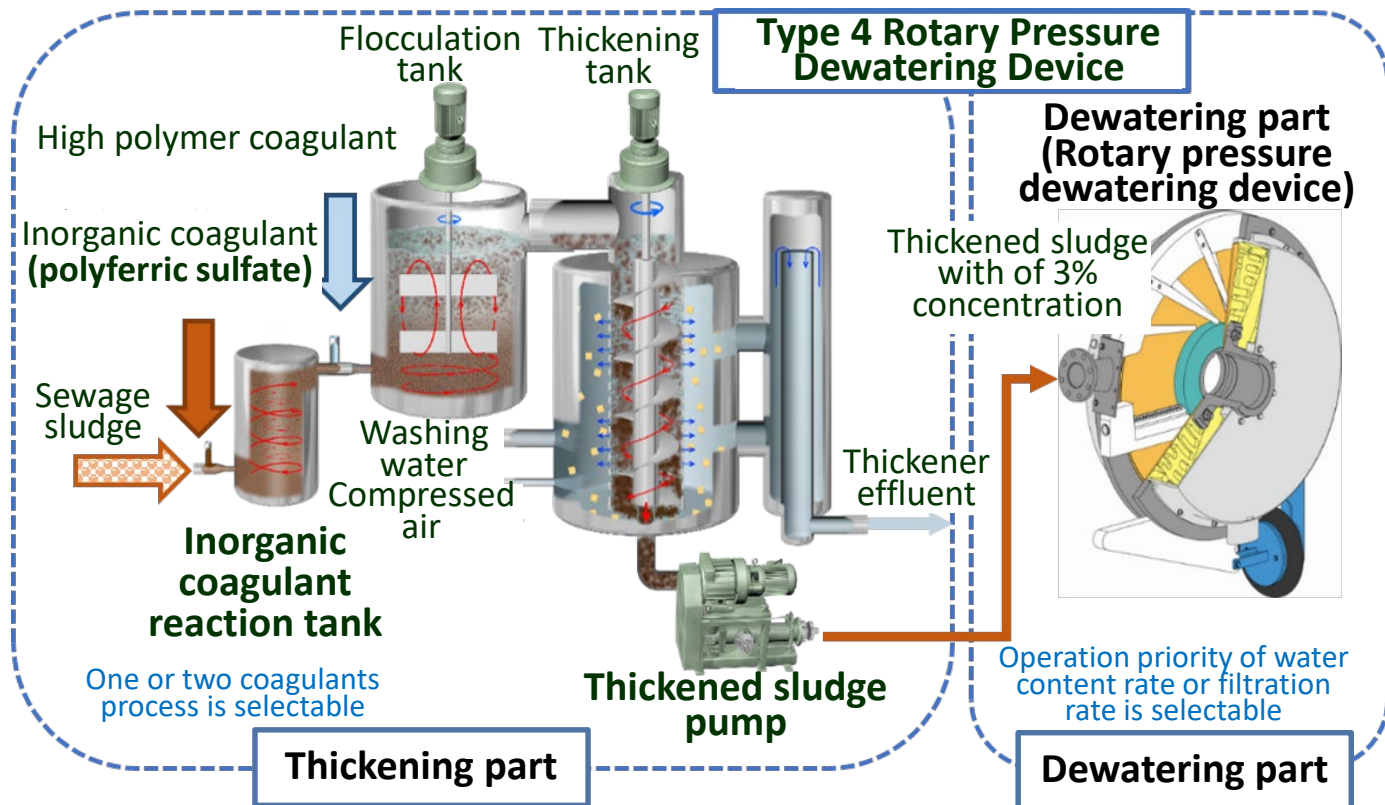


# Type 4 Rotary Pressure Dewatering Device

Developer: Tomoe Engineering Co., Ltd.

Thickening and dewatering parts enable unified coagulation, thickening, and dewatering processes. The device achieves low water content of sludge by efficient thickening and dewatering of unthickened or low concentrated\* mixed raw sludge. \*TS: 0.5-1.5%



Scope of application: **Mixed raw sludge (CAS process)**

- Thicken and dewater low-concentrated sludge of 1.5% or below with a low chemical injection rate and power
- A maximum of **six points lower water content rate<sup>\*1</sup>** than the conventional technology<sup>\*2</sup>

\*1: Two coagulants and water content rate-first operation \*2: Granulation refining facility + belt press dewatering device

## Needs

**\*Dewatering performance varies depending on sludge properties. Ask JS for details**

- Efficient dewatering of low-concentrated sludge
- Retrofitting the dewatering system combined granulation/refining facilities and a dewatering device

## Benefits

- Low chemical injection and low water content of sludge reduce running costs
- Reducing consumption of coagulant, supplemental fuel for combustion, and electric power to reduce CO2 emissions