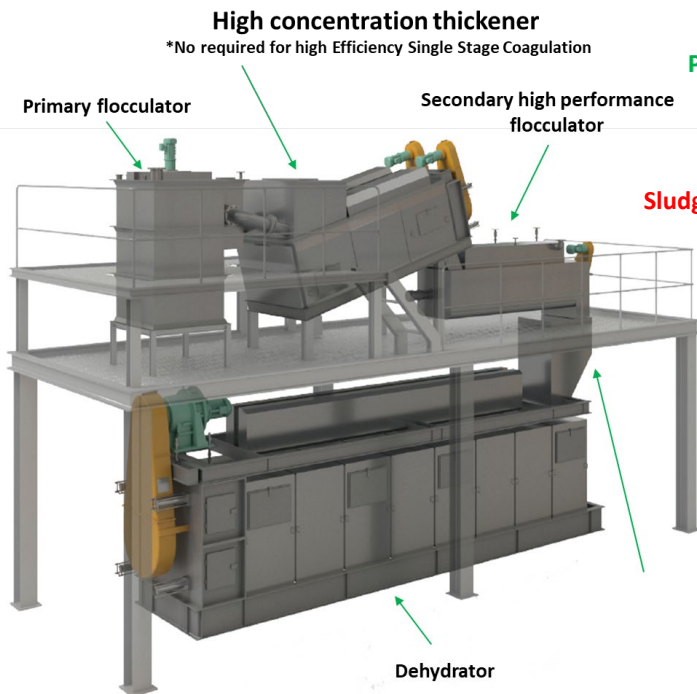


Enhanced Screw Press Dewatering Device for Hard-to-dewater Sludge

Developers: Hokuryo Co.,Ltd., Kobelco Eco-Solutions Co., Ltd.

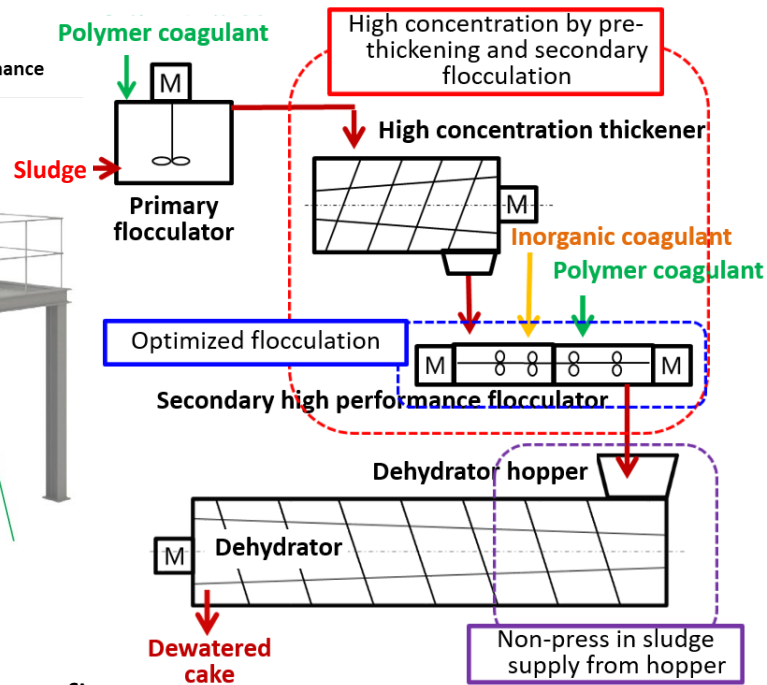
Achieve proper coagulation and dewatering performance required for a good floc formation. Improve the dewatering performance against hard-to-dewater sludge with low power. Reduce greenhouse gas emissions

Proper flocculation



Dehydration providing proper power to flocs

1. Highly efficient two-stage flocculation



2. Highly efficient single-stage flocculation

No high concentration thickener is required

High dewatering performance for mixed sludge, which is relatively easily dewatered, with no high concentration thickener

Work with **mixed sludge** and **anaerobic digested sludge** generated from CAS process + mechanical thickening

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

Needs

Achieve low water content rate even for hard-to-dewater sludge

Benefits

The dehydration of hard-to-dewater sludge and mixed sludge with low power reduces power consumption and sludge generation